YAESU
The radio

Technical Supplement

HF/VHF/UHF ALL MODE TRANSCEIVER

FT-991

EH057M90B
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Introduction

This manual provides the technical information necessary for servicing the FT-991 HF/VHF/UHF ALL MODE TRANSCEIVER.

Servicing this equipment requires expertise in handing surface-mount chip components. Attempts by non-qualified persons to service this equipment may result in permanent damage not covered by the warranty, and may be illegal in some countries.

Two PCB layout diagrams provided for each double-sided board in this transceiver. Each side of the board is referred to by the type of the majority of components installed on that side ("Side A" or "Side B"). In most cases one side has only chip components, and the other has either a mixture of both chip and leaded components (trimmers, coils, electrolytic capacitors, ICs, etc.), or leaded components only.

While we believe the information in this manual to be correct, YAESU assumes no liability for damage that may occur as a result of typographical or other errors that may be present. Your cooperation in pointing out any inconsistencies in the technical information would be appreciated.

Contents

Specifications
Exploded View & Miscellaneous Parts
Block Diagram
Connection Diagram
Alignment
Board Unit (Schematics, Layouts & Parts)
- MAIN Unit
- PLL Unit
- EDSP Unit
- CNTL Unit
- HF-PA Unit
- V_U-PA Unit
- PANEL Unit
- FAN-CNTL Unit
- TUNER Unit
- JACK Unit
- DSP Unit

Important Note

This transceiver was assembled using Pb (lead) free solder, based on the RoHS specification.
Only lead-free solder (Alloy Composition: Sn-3.0Ag-0.5Cu) should be used for repairs performed on this apparatus. The solder stated above utilizes the alloy composition required for compliance with the lead-free specification, and any solder with the above alloy composition may be used.

Caution

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

General

Rx Frequency Range:	30 kHz - 56 MHz, 118 MHz - 164 MHz, 420 MHz - 470 MHz (operating) 1.8 MHz - 54 MHz, 144 MHz - 148 MHz, 430 MHz - 450 MHz (specified performance, Amateur bands only)	
Tx Frequency Ranges:	1.8 MHz - 54 MHz, 144 MHz - 148 MHz, 430 MHz - 450 MHz (Amateur bands only)	
Frequency Stability:	±0.5 ppm (after 1 minute @+14 °F to +122 °F [–10 °C to +50 °C])	
Operating Temperature Range:	+14 °F to +122 °F (–10 °C to +50 °C)	
Emission Modes:	A1A (CW), A3E (AM), J3E (LSB, USB), F3E (FM), F7W (C4FM), F2D	
Frequency Steps:	5/10 Hz (SSB, CW, & AM), 100 Hz (FM, C4FM)	
Antenna Impedance:	50 Ohms, unbalanced	
	16.7 - 150 Ohms, unbalanced (Tuner ON, 1.8 MHz - 30 MHz Amateur bands)	
	25 - 100 Ohms, unbalanced (Tuner ON, 50 MHz Amateur band)	
Power Consumption (Approx.):	Rx (no signal)	1.8 A
	Rx (signal present)	2.2 A
	Tx	23 A (HF/50 MHz 100 W)
		15 A (144/430 MHz 50 W)
Supply Voltage:	DC 13.8 V ± 15% (Negative Ground)	
Dimensions (WxHxD):	9.0″ x 3.2″ x 10.0″ (229 x 80 x 253 mm)	
Weight (Approx.):	9.5 lbs (4.3 kg)	

Transmitter

Power Output:	5 - 100 watts (2 - 25 watts AM carrier)
Modulation Types:	J3E (SSB): Balanced, A3E (AM): Low-Level (Early Stage), F3E (FM): Variable Reactance F7W (C4FM): 4-level FSK
Maximum FM Deviation:	±5.0 kHz/±2.5 kHz
Harmonic Radiation:	Better than –50 dB (1.8 MHz - 30 MHz Amateur bands) Better than –63 dB (30 MHz Amateur band) Better than –60 dB (144 MHz, 430 MHz Amateur bands)
SSB Carrier Suppression:	At least 50 dB below peak output
Undesired Sideband Suppression:	At least 50 dB below peak output
Bandwidth:	3 kHz (LSB/USB), 500 Hz (CW), 6 kHz (AM), 16 kHz (FM/C4FM)
Audio Response (SSB):	Not more than –6 dB from 300 to 2700 Hz
Microphone Impedance:	600 Ohms (200 to 10 kOhms)

Receiver

Circuit Type: SSB/CW/AM: Triple-conversion Superheterodyne
FM/C4FM: Double-conversion Superheterodyne

Intermediate Frequencies: 40.455 MHz
SSB/CW/AM: 69.450 MHz/9.000 MHz/24 kHz
FM/C4FM: 69.450 MHz/450 kHz

Sensitivity: SSB/CW (BW: 2.4 kHz, 10 dB S+N/N)
- 0.158 μV (1.8 - 30 MHz) (AMP 2 "ON")
- 0.125 μV (50 - 54 MHz) (AMP 2 "ON")
- 0.11 μV (144 - 148 MHz)
- 0.11 μV (430 - 450 MHz)

AM (BW: 6 kHz, 10 dB S+N/N, 30 % modulation @400 Hz)
- 5 μV (0.5 - 1.8 MHz) (AMP 2 "ON")
- 1.6 μV (1.8 - 30 MHz) (AMP 2 "ON")
- 1.25 μV (50 - 54 MHz) (AMP 2 "ON")

FM (BW: 15 kHz, 12 dB SINAD)
- 0.35 μV (28 - 30 MHz) (AMP 2 "ON")
- 0.35 μV (50 - 54 MHz) (AMP 2 "ON")
- 0.18 μV (144 - 148 MHz)
- 0.18 μV (430 - 440 MHz)

There is no specification for frequency ranges not listed.

Squelch Sensitivity (TYP.): SSB/CW/AM
- 1.0 μV (1.8 - 30 MHz, 50 - 54 MHz) (AMP 2 "ON")
- 1.0 μV (144 - 148 MHz, 430 - 450 MHz)

FM
- 0.35 μV (28 - 30 MHz, 50 - 54 MHz) (AMP 2 "ON")
- 0.125 μV (144 - 148 MHz, 430 - 450 MHz)

There is no specification for frequency ranges not listed.

Selectivity:

Mode	–6 dB	–60 dB
CW/RTTY/PKT	0.5 kHz or better	750 Hz or less
SSB	2.4 kHz or better	3.6 kHz or less
AM	6 kHz or better	15 kHz or less
FM	12 kHz or better	30 kHz or less (–50 dB)

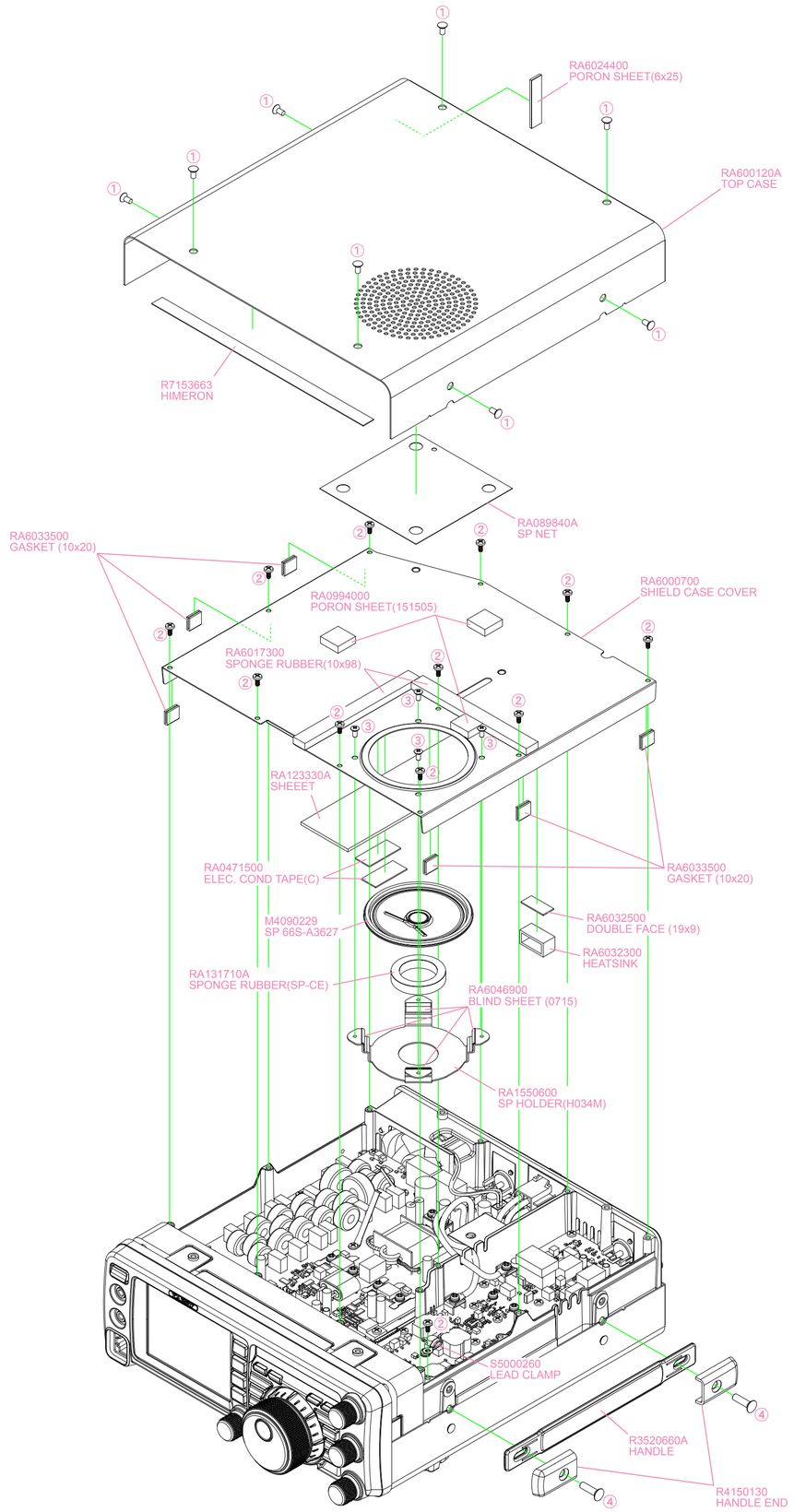
Image Rejection: 70 dB or better (1.8 MHz - 50 MHz Amateur bands)
60 dB or better (144/430 MHz Amateur band)

Maximum Audio Output: 2.5 W into 4 Ohms with 10% THD

Audio Output Impedance: 4 to 8 Ohms (4 Ohms: nominal)

Conducted Radiation: Less than 4 nW

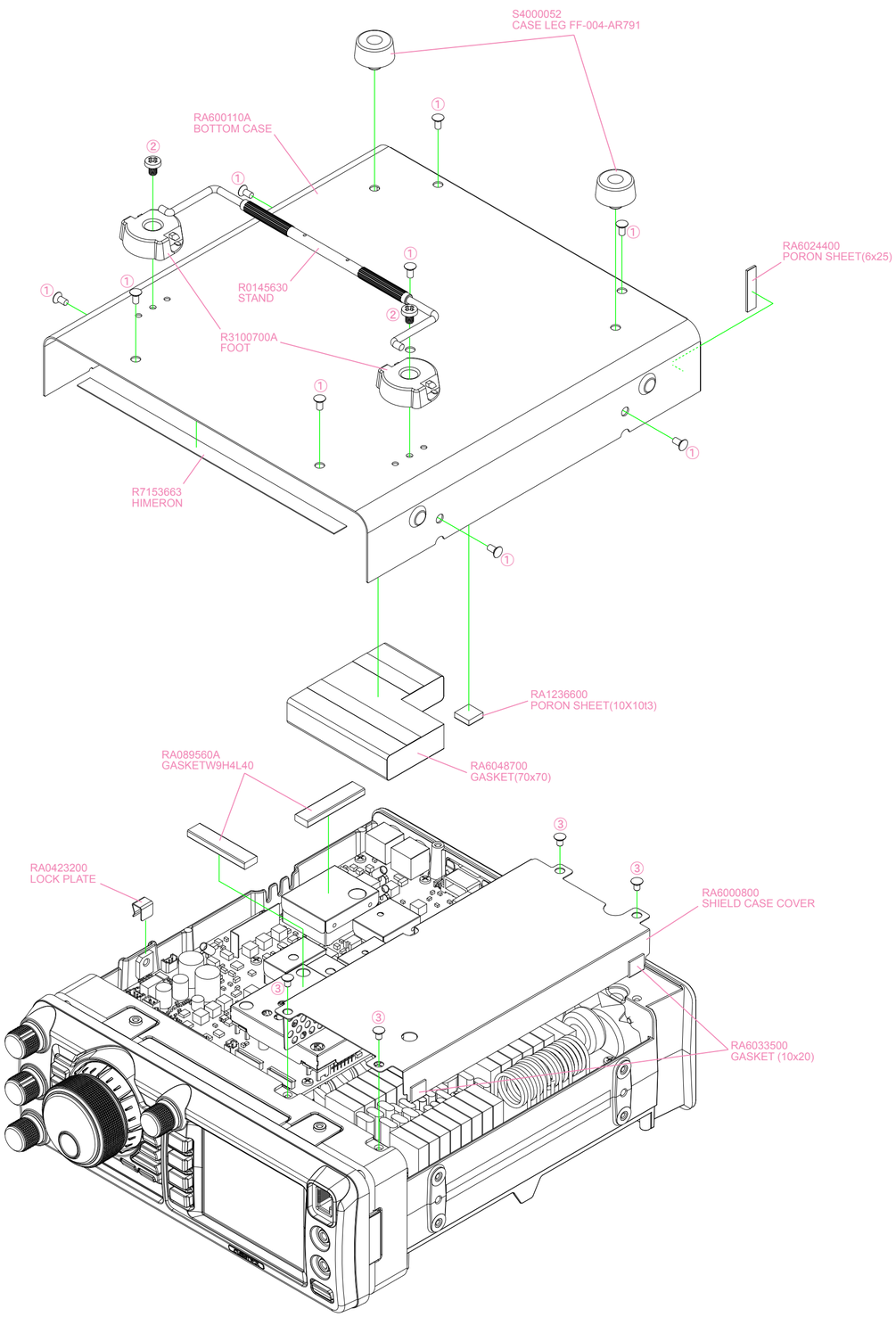
Specifications are subject to change, in the interest of technical improvement, without notice or obligation, and are guaranteed only within the amateur bands.



EXPLODED VIEW-1

REF.	YAESU P/N	Description	Qty.
①	U31306007	OVAL HEAD SCREW M3X6B	8
②	U24206001	BIND HEAD TAPTITE-B M2.6X6	12
③	U31206007	OVAL HEAD SCREW M2.6X6B	4
④	U31415007	OVAL HEAD SCREW M4X15B	2

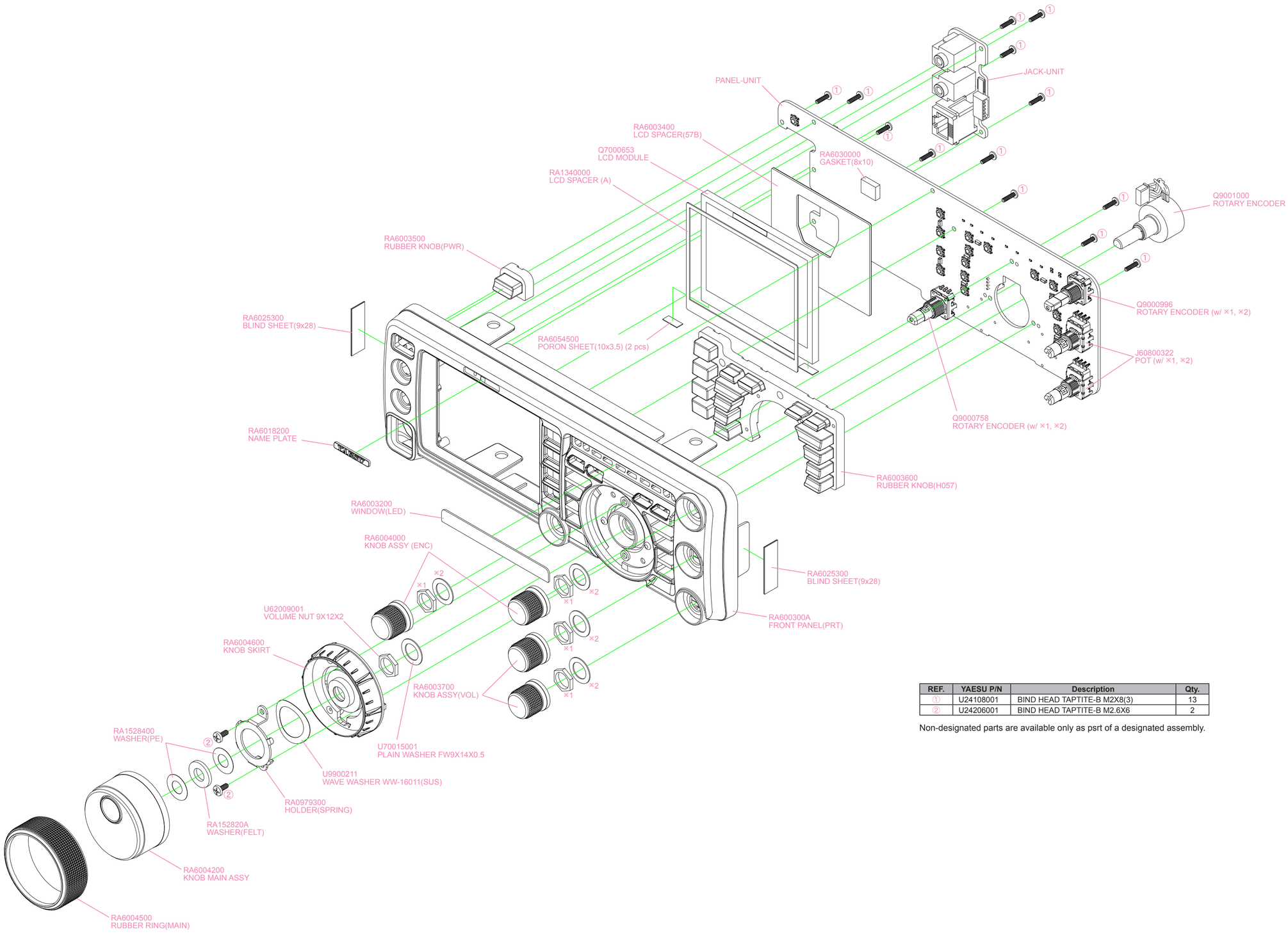
Non-designated parts are available only as psrt of a designated assembly.



REF.	YAESU P/N	Description	Qty.
①	U31306007	OVAL HEAD SCREW M3X6B	9
②	U20406007	BINDING HEAD SCREW M4X6B	2
③	U30305002	FLAT HEAD SCREW M3X5NI	4

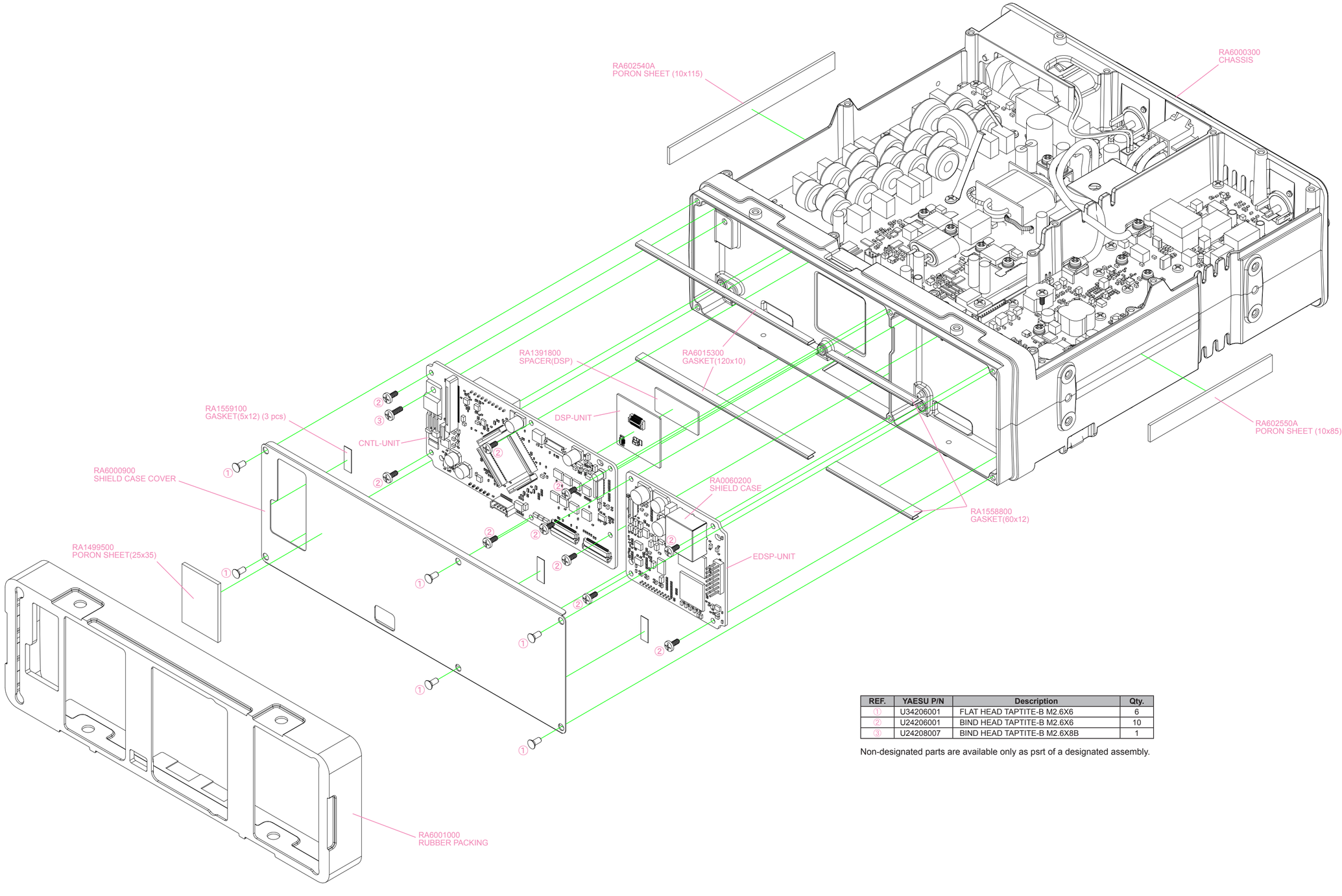
Non-designated parts are available only as psrt of a designated assembly.

EXPLODED VIEW-2



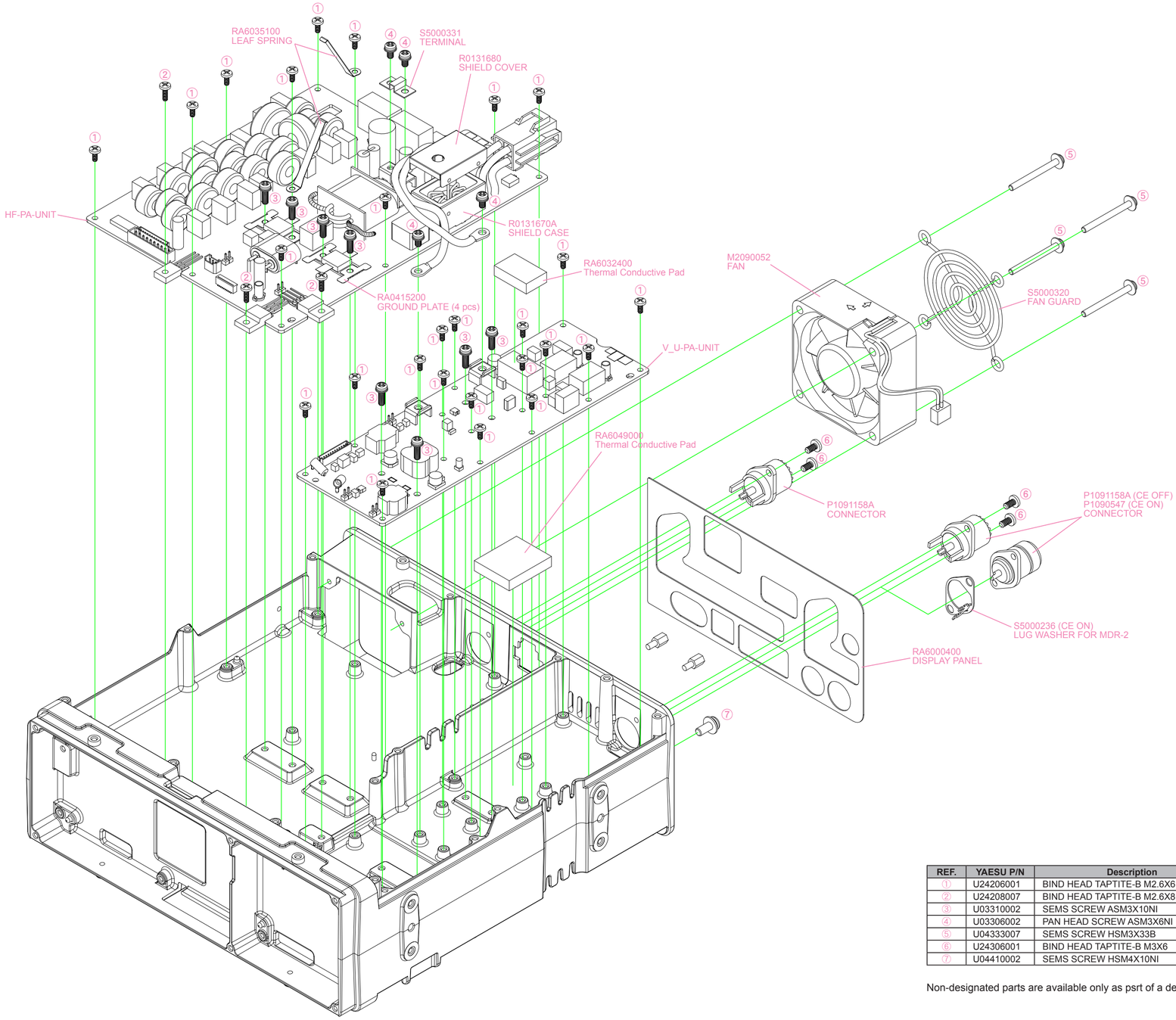
REF.	YAESU P/N	Description	Qty.
①	U24108001	BIND HEAD TAPTITE-B M2X8(3)	13
②	U24206001	BIND HEAD TAPTITE-B M2.6X6	2

Non-designated parts are available only as psrt of a designated assembly.



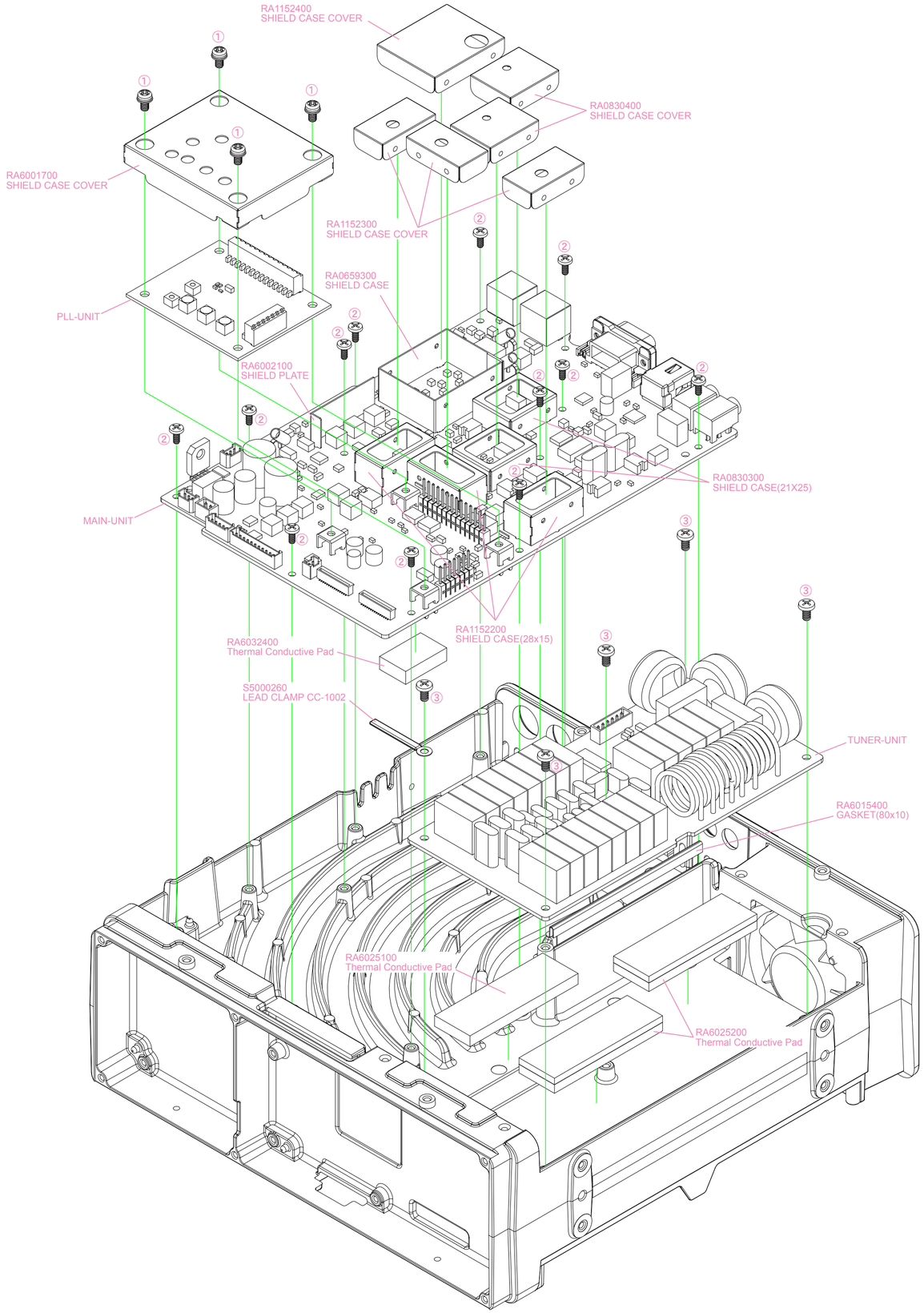
REF.	YAESU P/N	Description	Qty.
①	U34206001	FLAT HEAD TAPTITE-B M2.6X6	6
②	U24206001	BIND HEAD TAPTITE-B M2.6X6	10
③	U24208007	BIND HEAD TAPTITE-B M2.6X8B	1

Non-designated parts are available only as psrt of a designated assembly.



REF.	YAESU P/N	Description	Qty.
①	U24206001	BIND HEAD TAPTITE-B M2.6X6	26
②	U24208007	BIND HEAD TAPTITE-B M2.6X8B	3
③	U03310002	SEMS SCREW ASM3X10NI	8
④	U03306002	PAN HEAD SCREW ASM3X6NI	4
⑤	U04333007	SEMS SCREW HSM3X33B	4
⑥	U24306001	BIND HEAD TAPTITE-B M3X6	4
⑦	U04410002	SEMS SCREW HSM4X10NI	1

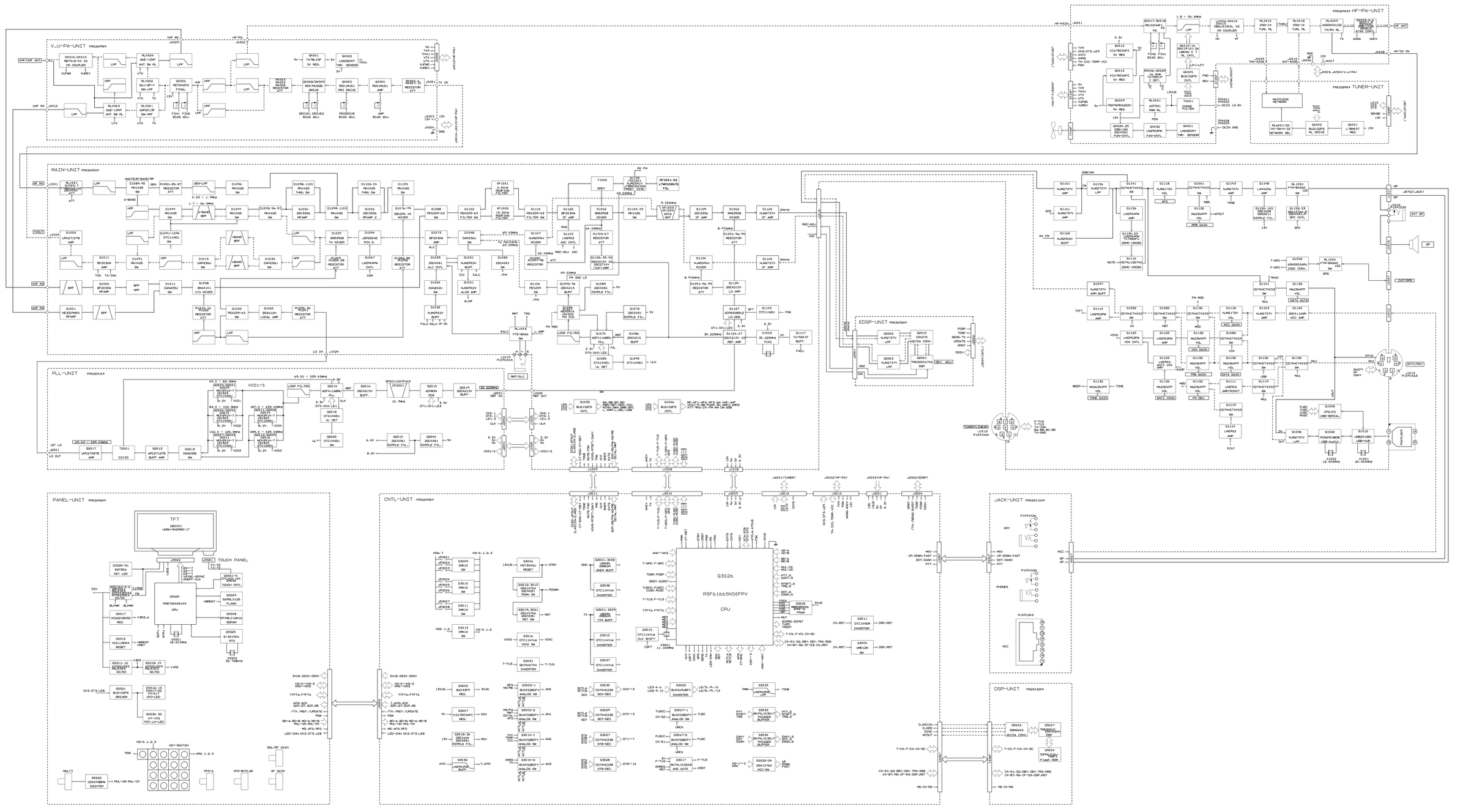
Non-designated parts are available only as psrt of a designated assembly.



REF.	YAESU P/N	Description	Qty.
①	U03306002	PAN HEAD SCREW ASM3X6NI	4
②	U24206001	BIND HEAD TAPTITE-B M2.6X6	12
③	U24306001	BIND HEAD TAPTITE-B M3X6	5

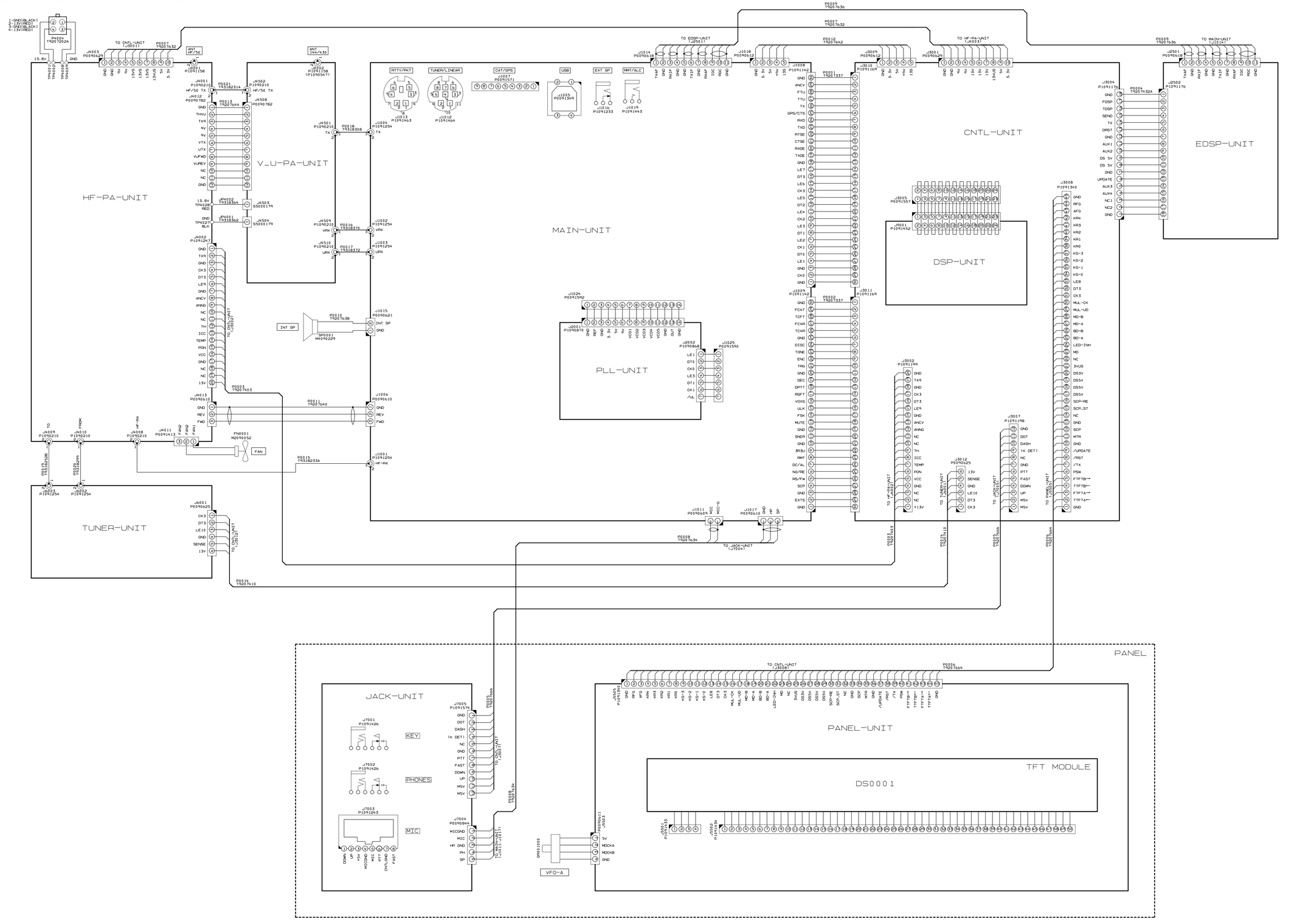
Non-designated parts are available only as psrt of a designated assembly.

FT-991 BLOCK-DIAGRAM



BLOCK DIAGRAM-1

CONNECTION DIAGRAM



Introduction and Precautions

The following procedures cover adjustments that are not normally required once the transceiver has left the factory. However, if a problem occurs during normal operation due to component failure; realignment may be required after the faulty components have been replaced.

We recommend that authorized Yaesu Technicians, who are experienced with the circuitry and fully equipped to repair and align our products, perform repairs. If a fault is suspected, contact the selling dealer for instructions regarding repair. Authorized Yaesu Technicians have the latest information to align all circuits and make complete performance checks to ensure compliance with factory specifications after repairs.

Those who do undertake any of the following alignments are cautioned to proceed at their own risk. Problems caused by unauthorized attempts at realignment are not covered by the warranty policy.

Yaesu must reserve the right to change circuits and alignment procedures in the interest of improved performance, without notifying owners.

Under no circumstances should any alignment be attempted unless the normal functions and operation of the transceiver are clearly understood, the cause of the malfunction has been clearly identified and all faulty components replaced. The need for realignment should be determined to be absolutely necessary.

The following test equipment (and a thorough familiarity with its correct use) is necessary for correct realignment. Most steps do not require all of the equipment listed. The interactions of some adjustments may require that more complex adjustments be performed in a sequence. Do not attempt to perform only a single step unless it is clearly isolated electrically from all other steps. Have all test equipment ready before beginning, and follow all of the steps in a section in the order they are presented.

Important Notice
Do not adjust the alignment menus that are not mentioned in this manual.

Required Test Equipment

- ❒ RF Signal Generator
- ❒ AF Signal Generator
- ❒ Spectrum Analyzer good to at least 1 GHz.
- ❒ Frequency Counter
- ❒ SINAD Meter
- ❒ RF Millivoltmeter
- ❒ Electronic Load
- ❒ Digital DC Voltmeter (high-Z, 1 M-Ohm/V)
- ❒ DC Voltmeter
- ❒ DC Ammeter (23 A)
- ❒ Ohmmeter
- ❒ 50-Ohm Dummy Load (100/200 watts)
- ❒ In-Line Wattmeter (150/300 watts, 50-Ohm)
- ❒ Linear Detector
- ❒ RF Coupler
- ❒ 4-Ohm AF Dummy Load (3 watts)
- ❒ 1/4-inch 3-contact Plug

Alignment Preparation & Precautions

A 50-ohm RF Dummy load and in-line wattmeter must be connected to the ANT jack in all procedures that call for transmission, except where specified otherwise. Correct alignment is not possible with an antenna.

After completing one step, read the following step to determine whether the same test equipment will be required. If not, remove the unneeded test equipment before proceeding. (except the dummy load and wattmeter).

Correct alignment requires that the ambient temperature be maintained constant between 68 °F ~ 86 °F (20 °C ~ 30 °C). When the transceiver is brought into the shop from a hot or cold environment, it should be allowed time to come to room temperature before alignment. Also, the test equipment must be thoroughly warmed up before beginning.

Whenever possible, alignments should be made with oscillator shields and circuit boards firmly affixed in place.

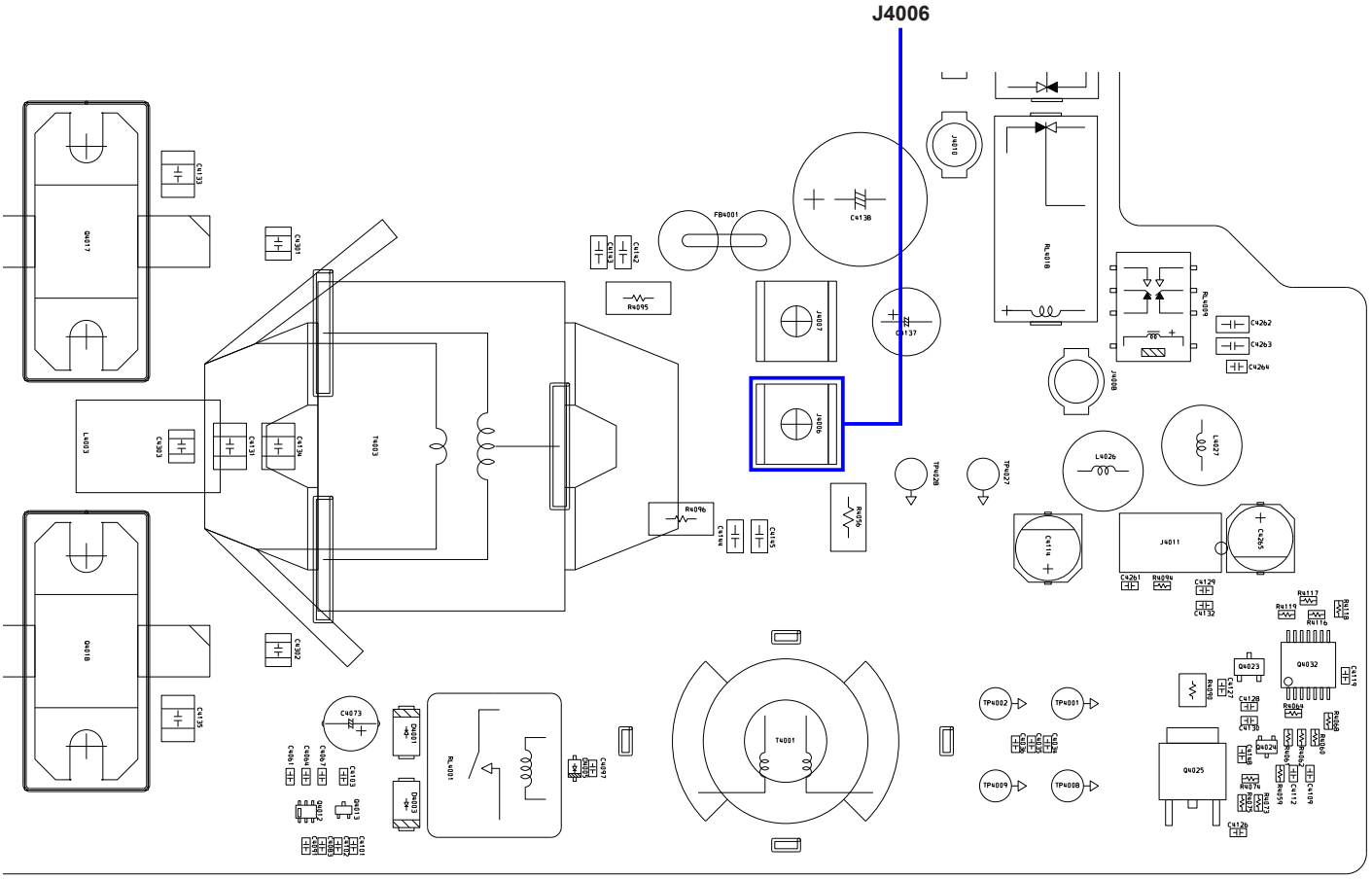
Note: Signal levels in dB referred to in this procedure are based on 0 dBμ = 0.5 μV (closed circuit).

VDD Meter Adjustment

- ❒ Connect the DC voltmeter to J4006 on the HF-PA-Unit.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] dial knob to select the alignment menu item “01-01 VDD MTR”.
- ❒ Press the [F(M-LIST)] key, then rotate the [CLAR/VFO-B] knob so the VDD meter reading is the same as the reading on the DC voltmeter (13.8 V).
- ❒ Press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.

COMP Meter Adjustment

- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item “22-02 COMP MTR 10dB”, then rotate the [CLAR/VFO-B] knob for "10 dB" on the COMP meter.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item “22-03 COMP MTR 20dB”, then rotate the [CLAR/VFO-B] knob for "20 dB" on the COMP meter.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item “22-04 COMP MTR 30dB”, then rotate the [CLAR/VFO-B] knob so the COMP meter deflects to full scale.
- ❒ Press and hold in the [MENU(SETUP)] button for one second to save the new settings and exit the alignment mode.

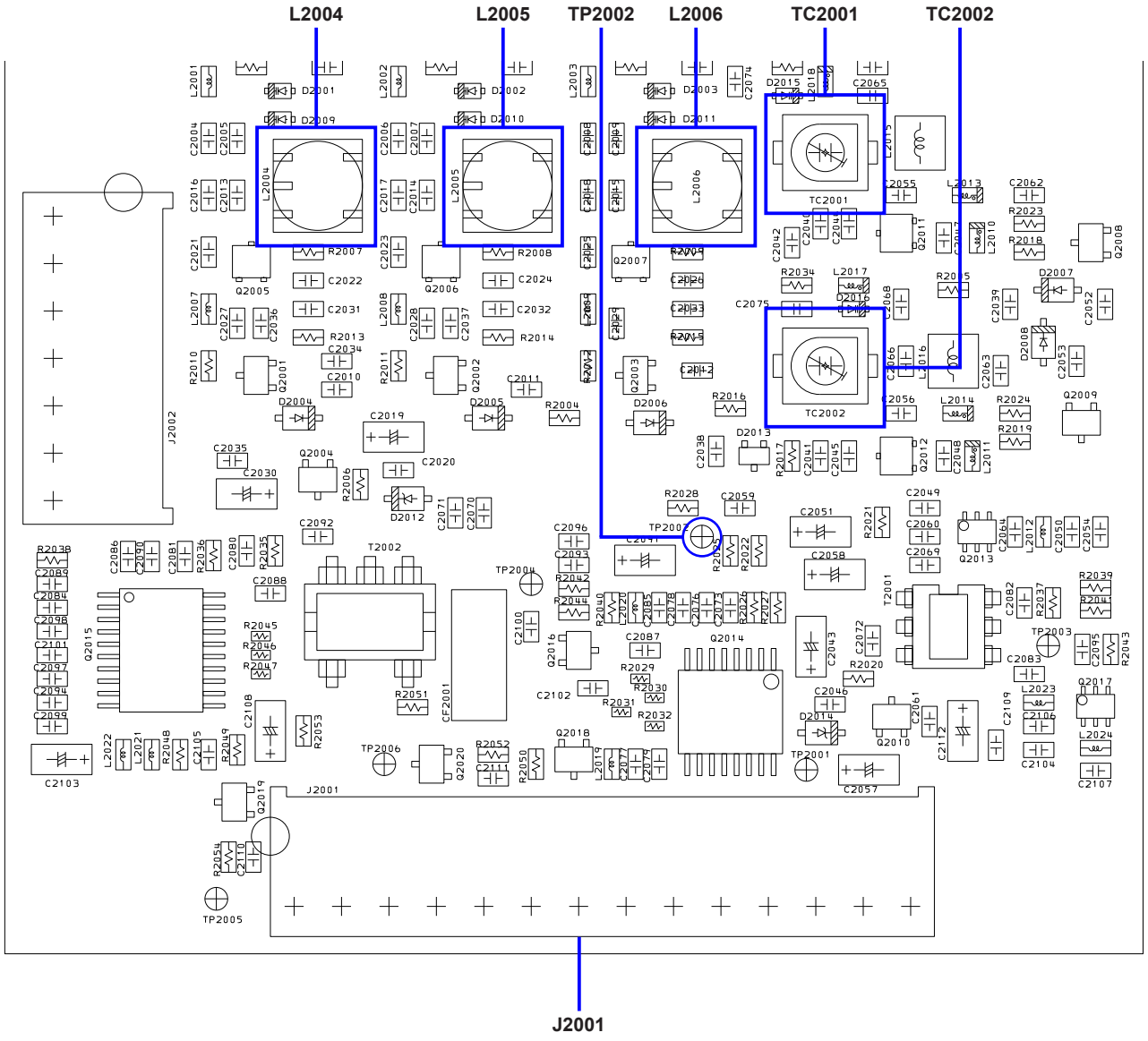


VCO Adjustment

- ❒ Connect the Digital DC voltmeter (high-Z) to TP2002 on the PLL Unit.
- ❒ Disconnect the coaxial cable from J2001 on the PLL Unit, then connect the RF millivoltmeter to pin 13 of J2001.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Referring to the table below, select the appropriate "Alignment menu item" using the [MULTI] Dial knob per the chart right, and adjust the listed components for the required voltage, or confirm that the correct voltage is present on each alignment menu item.

Alignment Menu Item	Adjust / Confirm	DC voltmeter	RF millivoltmeter
01-05 VCO1-HIGH (TXI)	Adjust L2004	5.1 V ±0.1 V	At least 3 dBm
01-06 VCO1-LOW	Confirm	At least 0.3 V	At least –10 dBm
01-07 VCO2-HIGH	Adjust L2005	5.1 V ±0.1 V	At least –10 dBm
01-08 VCO2-LOW	Confirm	At least 0.6 V	At least –10 dBm
01-09 VCO3-HIGH	Adjust L2006	4.1 V ±0.1 V	At least –10 dBm
01-10 VCO3-LOW	Confirm	At least 0.4 V	At least –10 dBm
01-11 VCO4-HIGH	Adjust TC2001	5.0 V ±0.1 V	At least –10 dBm
01-12 VCO4-LOW	Confirm	At least 0.5 V	At least –10 dBm
01-13 VCO5-HIGH	Adjust TC2002	5.0 V ±0.1 V	At least –10 dBm
01-14 VCO5-LOW	Confirm	At least 0.8 V	At least –10 dBm

- ❒ Disconnect the RF millivoltmeter from J2001, then re-connect the coaxial cable to J2001.
- ❒ Press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.



2nd/3rd Local Oscillator Adjustment

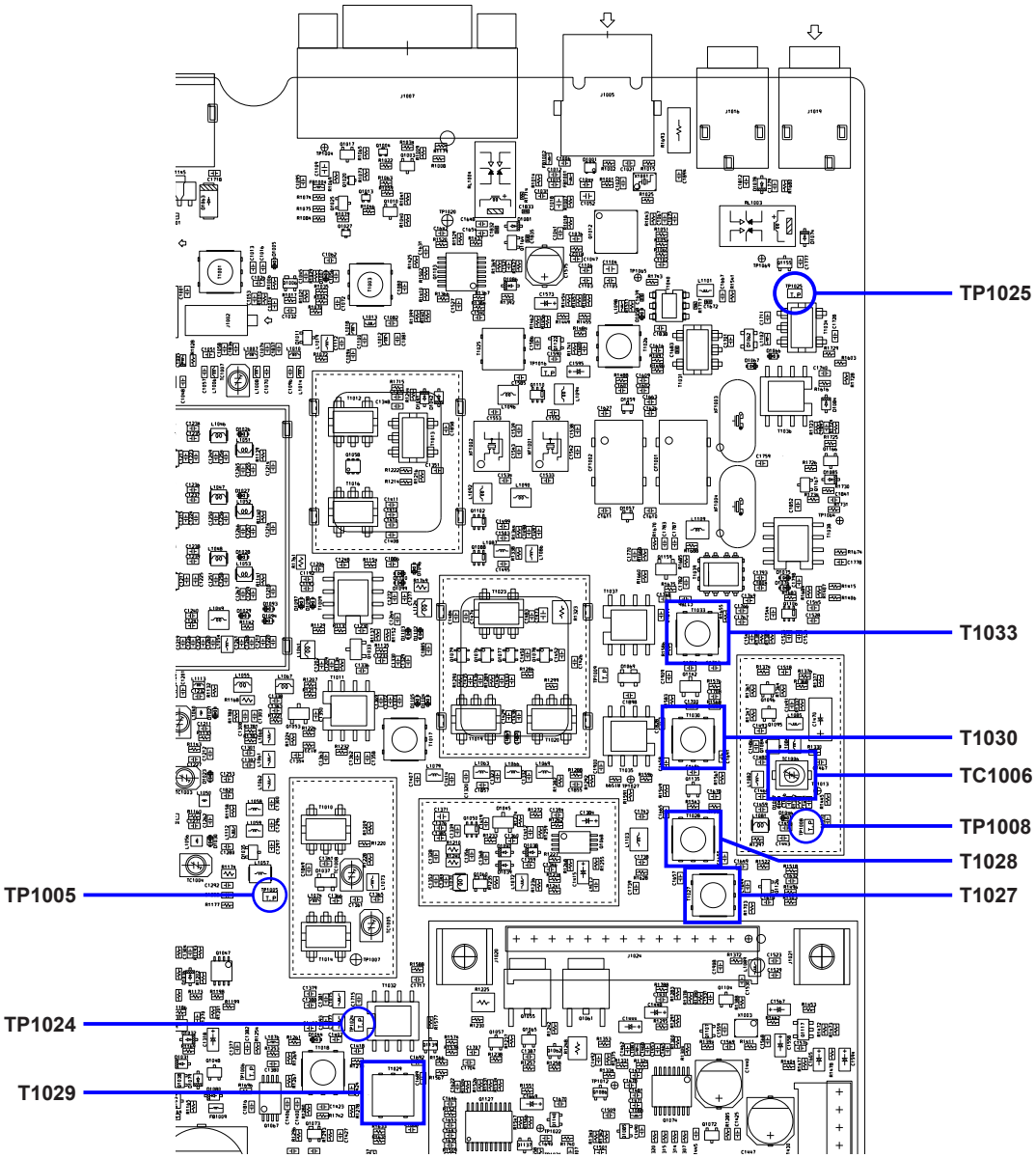
- ❒ Set the VFO-A frequency to 14.200 MHz in the CW-USB mode.
- ❒ Set the following controls as indicated:
  [IPO] : AMP1
  [ATT] : OFF
  [NB] : OFF
  [AGC] : AUTO
  [RF GAIN] : Fully clockwise

3rd Local Level Adjustment

- ❒ Connect the RF millivoltmeter to TP1024 on the MAIN Unit.
- ❒ Adjust T1029 on the MAIN Unit for maximum deflection on the RF millivoltmeter.

2nd Local Level Adjustment

- ❒ Connect the RF millivoltmeter to TP1025 on the MAIN Unit.
- ❒ Adjust T1027, T1028, T1030, and T1033 on the MAIN Unit for maximum deflection on the RF millivoltmeter.

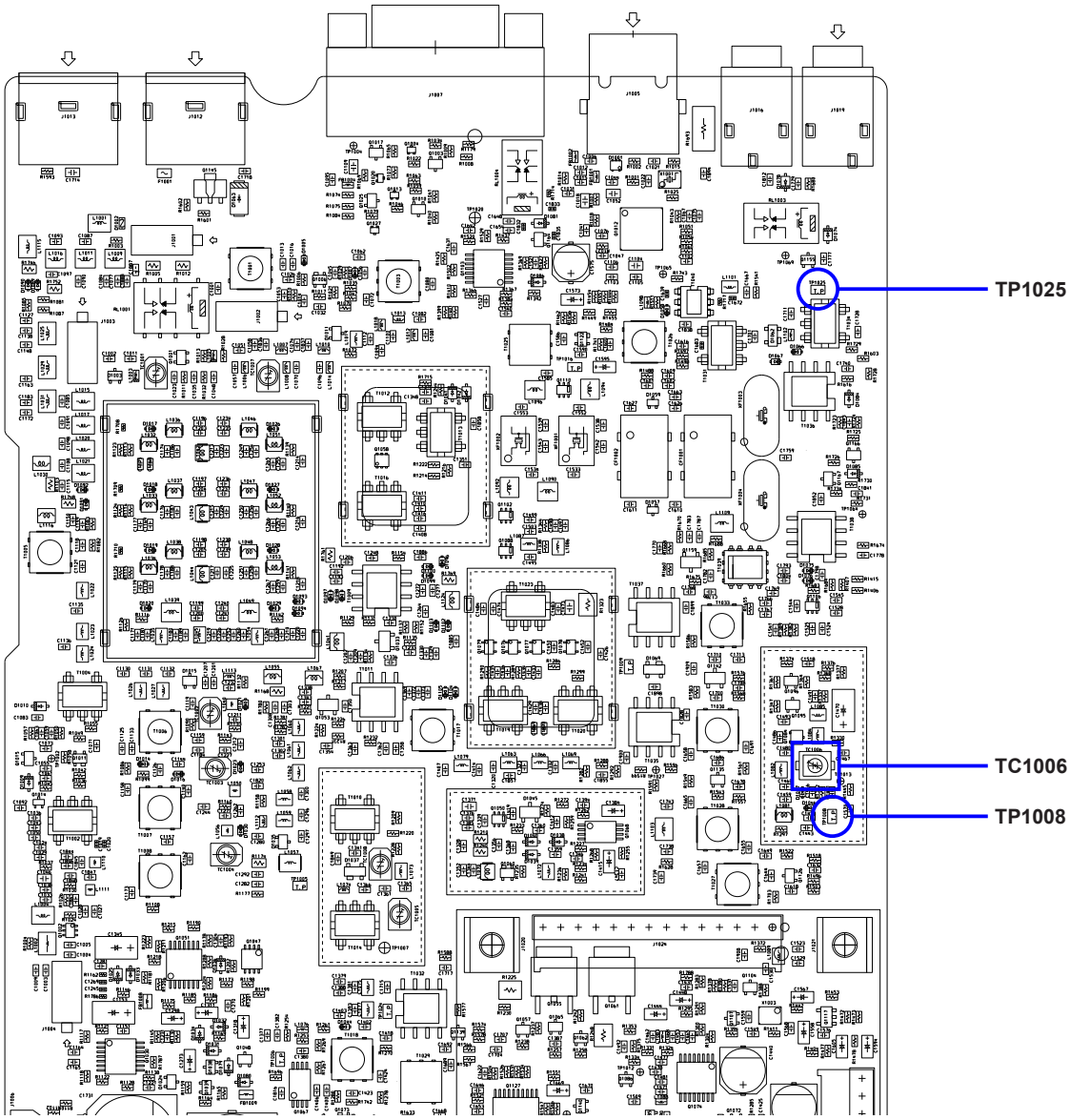


REF OSC Adjustment

- ❒ Connect the frequency counter to TP1025.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "01-04 REF FREQ".
- ❒ Rotate the [CLAR/VFO-B] knob so that the frequency counter reading is "60.450000 ±4 Hz".
- ❒ Disconnect the frequency counter from TP1025.
- ❒ Press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.

FM Local Oscillator Adjustment

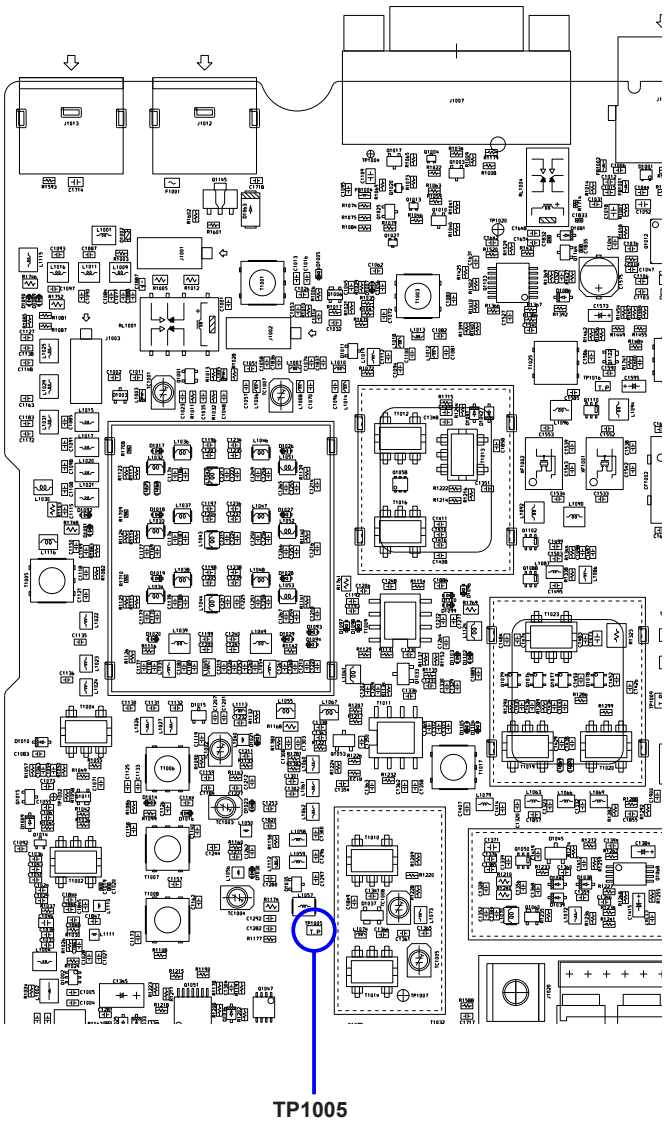
- ❒ Set the FM mode.
- ❒ Connect the Digital DC voltmeter (high-Z) TP1008 on the MAIN Unit.
- ❒ Adjust TC1006 on the MAIN Unit for 3.6 V ±0.1 V on the Digital DC voltmeter.
- ❒ Set the CW mode.



1st Local Oscillator Adjustment

- ❒ Connect the RF millivoltmeter to TP1005 on the MAIN Unit.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "02-01 Local 1.8".
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob so that the RF millivoltmeter reading is "+10 dBm ±1 dBm".
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "02-02 Local HFL".
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob so that the RF millivoltmeter reading is "+10 dBm ±1 dBm".
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "02-03 Local HFM".
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob so that the RF millivoltmeter reading is "+10 dBm ±1 dBm".
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "02-04 Local HFH".
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob so that the RF millivoltmeter reading is "+10 dBm ±1 dBm".
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "02-05 Local 50".
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob so that the RF millivoltmeter reading is "+11.5 dBm ±0.5 dBm".
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "02-06 Local 144".
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob so that the RF millivoltmeter reading is "+10 dBm ±1 dBm".
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "02-07 Local 430".
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob so that the RF millivoltmeter reading is "+10 dBm ±1 dBm".
- ❒ Release the PTT button.
- ❒ Press and hold in the [MENU(SETUP)] button for one second to save the new settings and exit the alignment mode.

Alignment Menu Item	RF millivoltmeter
02-01 Local 1.8	+10 dBm ±1 dBm
02-02 Local HFL	+10 dBm ±1 dBm
02-03 Local HFM	+10 dBm ±1 dBm
02-04 Local HFH	+10 dBm ±1 dBm
02-05 Local 50	+11.5 dBm ±0.5 dBm
02-06 Local 144	+10 dBm ±1 dBm
02-07 Local 430	+10 dBm ±1 dBm



MCF Adjustment (1)

- ❒ Set the VFO-A frequency to 145.900 MHz in the CW-USB mode.
- ❒ Set the following controls as indicated:
  [AGC] : AUTO
  [RF GAIN] : Fully clockwise
- ❒ Connect the AF millivoltmeter and 4 Ohm dummy load to the EXT SP jack.
- ❒ Connect the RF Signal Generator to the "144/430 MHz" ANT jack, then set the output level to +0 dBμ at the 145.900 MHz.
- ❒ Adjust T1001, T1003 and T1025, T1026 on the MAIN Unit in succession several times for maximum deflection on the AF millivoltmeter.

Note: If the S-meter deflects while adjusting, reduce the RF Signal Generator output so that the S-meter does not deflect.

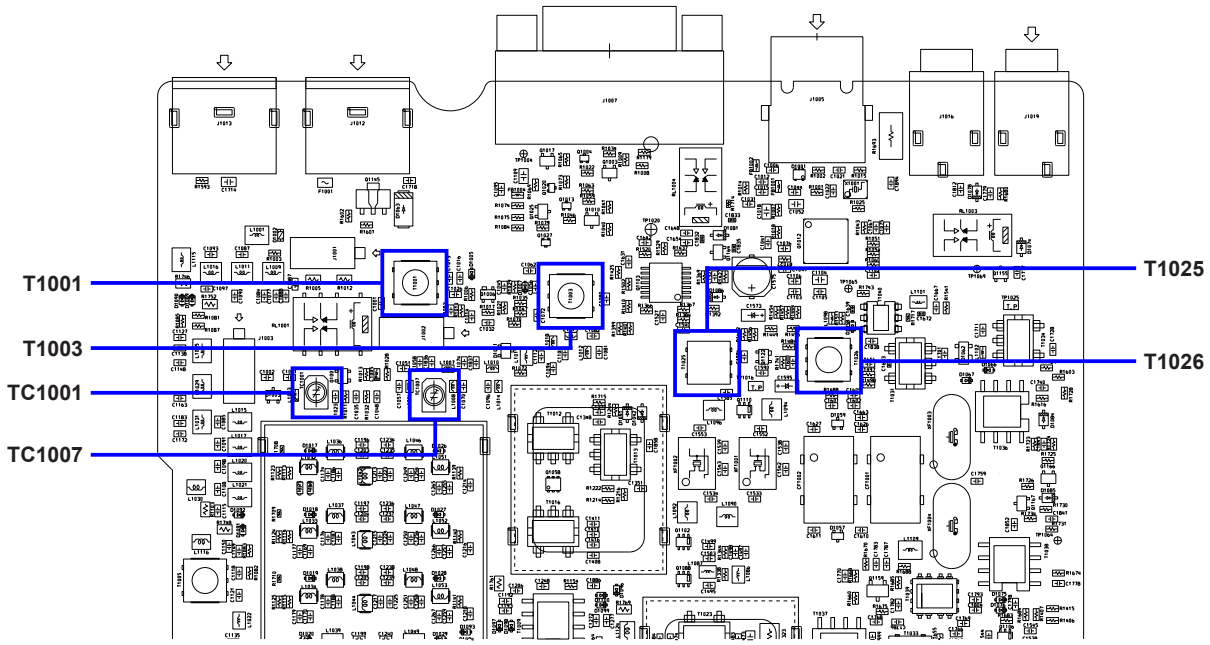
- ❒ Set the FM mode.
- ❒ Connect the SINAD meter and 4 Ohm dummy load to the EXT SP jack.
- ❒ Connect the RF Signal Generator to the "144/430 MHz" ANT jack, then set the output level to –9 dBμ at the 145.900 MHz with ±3.5 kHz deviation FM modulation of a 1 kHz audio signal.
- ❒ Adjust T1025 on the MAIN Unit in succession several times for maximum deflection on the SINAD meter.

Note: Do not adjust T1025 more than 180 degrees rotation.

MCF Adjustment (2)

- ❒ Set the VFO-A frequency to 439.900 MHz in the CW-USB mode.
- ❒ Set the following controls as indicated:
  [AGC] : AUTO
  [RF GAIN] : Fully clockwise
- ❒ Connect the AF millivoltmeter and 4 Ohm dummy load to the EXT SP jack.
- ❒ Connect the RF Signal Generator to the "144/430 MHz" ANT jack, then set the output level to +0 dBμ at the 439.900 MHz.
- ❒ Adjust TC1001 and TC1007 on the MAIN Unit in succession several times for maximum deflection on the AF millivoltmeter.

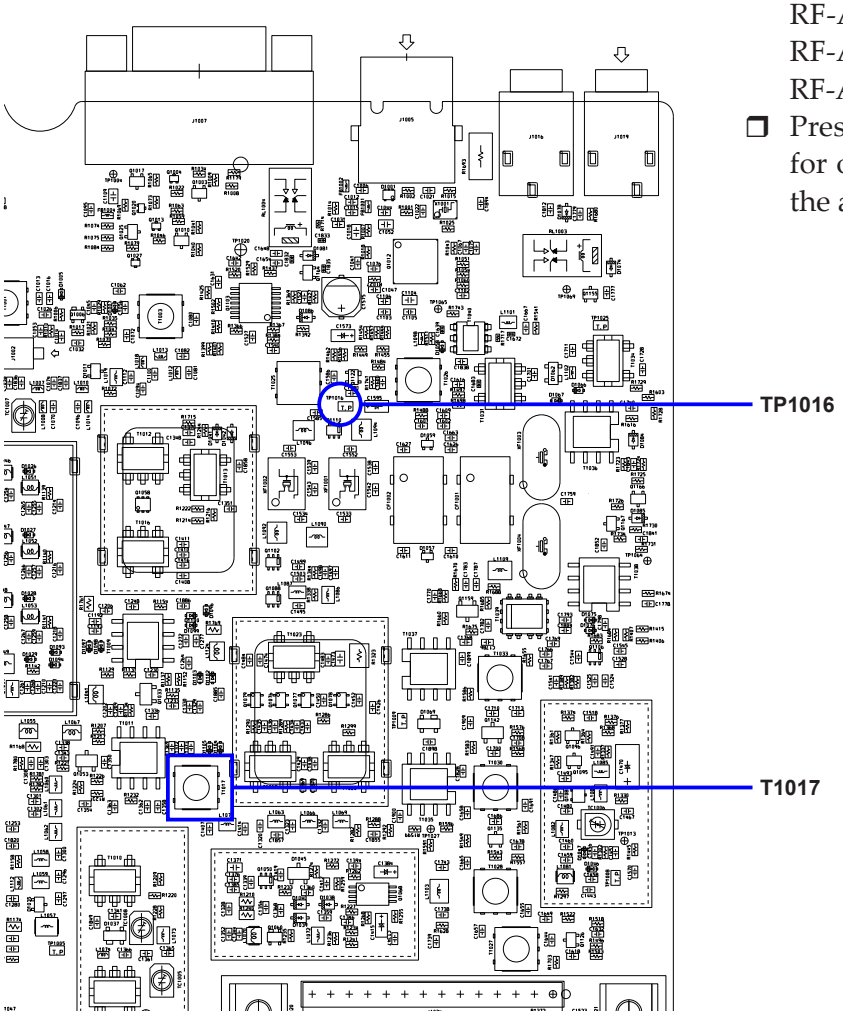
Note: If the S-meter deflects while adjusting, reduce the RF Signal Generator output so that the S-meter does not deflect.



IF Trap Adjustment

- ❒ Set the VFO-A frequency to 51.900 MHz in the CW-USB mode.
- ❒ Set the following controls as indicated:
  [IPO] : AMP2
  [ATT] : OFF
  [AGC] : AUTO
  [RF GAIN] : Fully clockwise
- ❒ Connect the AF millivoltmeter and 4 Ohm dummy load to the EXT SP jack.
- ❒ Connect the RF Signal Generator to the “HF/50 MHz” ANT jack, then set the output level to +40 ~ +80 dBµ at the 69.450000 MHz.
- ❒ Adjust T1017 on the MAIN Unit for minimum deflection on the AF millivoltmeter.

Note: If the S-meter deflects while adjusting, reduce the RF Signal Generator output so that the S-meter does not deflect.



RF AGC Adjustment

- ❒ Set the VFO-A frequency to 14.200 MHz in the CW-USB mode.
- ❒ Set the following controls as indicated:
  [IPO] : AMP1
  [ATT] : OFF
  [AGC] : AUTO
  [RF GAIN] : Fully clockwise
- ❒ Connect the RF Signal Generator to the "HF/50 MHz" ANT jack, then set the output level to +76dBµ at the 14.200 MHz.
- ❒ Connect the Digital DC voltmeter (high-Z) to TP1016 on the MAIN Unit.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item “03-03 RF-AGC HFM”.
- ❒ Adjusting the [CLAR/VFO-B] knob so the Digital DC voltmeter reading is "2.6 V ±0.2 V".
- ❒ Set to the same parameter of the alignment menu item “03-03 RF-AGC HFM” for the Alignment Menu items “03-01 RF-AGC 1.8”, “03-02 RF-AGC HFL”, “03-04 RF-AGC HFH”, “03-05 RF-AGC 50”, “03-06 RF-AGC 144” and “03-07 RF-AGC 430”
- ❒ Press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.

IF Gain Adjustment

- ❒ Set the following controls as indicated:
  [IPO] : AMP1
  [ATT] : OFF
  [AGC] : AUTO
  [RF GAIN] : Fully clockwise
- ❒ Connect the AF millivoltmeter and 4 Ohm dummy load to the EXT SP jack.
- ❒ Connect the RF Signal Generator to the "HF/50 MHz" ANT jack, then set the output level to +36 dBμ at 1.900 MHz.
- ❒ Set the VFO-A frequency to 1.900 MHz in the USB mode.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Adjust the [AF GAIN] knob so that the AF millivoltmeter reading is "0 dB".
- ❒ Set the RF Signal Generator output level to +10 dBμ.
- ❒ Adjust the [CLAR/VFO-B] knob so that the AF millivoltmeter reading is "-1.5 ± 0.5 dB".
- ❒ Select the appropriate "Alignment menu item" using the [MULTI] Dial knob per the chart below, then set the RF Signal Generator output to each frequency & level, and adjust the [CLAR/VFO-B] knob for the corresponding AF millivoltmeter reading at each frequency.
- ❒ Press and hold in the [MENU(SETUP)] button for one second to save the new settings and exit the alignment mode.

Alignment menu item	VFO-A Frequency	RF Signal Generator	Adjust	AF millivoltmeter
04-01 IGC 1.8	1.900 MHz	1.900 MHz, +36 dBμ	[AF GAIN] knob	0 dB
		1.900 MHz, +10 dBμ	[CLAR/VFO-B] knob	-1.5 dB (±0.5 dB)
04-02 IGC HFL	7.100 MHz	7.100 MHz, +36 dBμ	[AF GAIN] knob	0 dB
		7.100 MHz, +10 dBμ	[CLAR/VFO-B] knob	-1.5 dB (±0.5 dB)
04-03 IGC HFM	14.200 MHz	14.200 MHz, +36 dBμ	[AF GAIN] knob	0 dB
		14.200 MHz, +10 dBμ	[CLAR/VFO-B] knob	-1.5 dB (±0.5 dB)
04-04 IGC HFH	21.230 MHz	21.230 MHz, +36 dBμ	[AF GAIN] knob	0 dB
		21.230 MHz, +10 dBμ	[CLAR/VFO-B] knob	-1.5 dB (±0.5 dB)
04-05 IGC 50	51.900 MHz	51.900 MHz, +36 dBμ	[AF GAIN] knob	0 dB
		51.900 MHz, +7 dBμ	[CLAR/VFO-B] knob	-1.5 dB (±0.5 dB)
04-06 IGC 144	145.900 MHz	145.900 MHz, +30 dBμ	[AF GAIN] knob	0 dB
		145.900 MHz, -3 dBμ	[CLAR/VFO-B] knob	-1.5 dB (±0.5 dB)
04-07 IGC 430	439.900 MHz	439.900 MHz, +30 dBμ	[AF GAIN] knob	0 dB
		439.900 MHz, -3dBμ	[CLAR/VFO-B] knob	-1.5 dB (±0.5 dB)

S-meter Adjustment

- ❒ Set the VFO-A frequency to 14.200 MHz in the USB mode.
- ❒ Set the following controls as indicated:
  [IPO] : AMP1
  [ATT] : OFF
  [AGC] : AUTO
  [RF GAIN] : Fully clockwise
- ❒ Connect the RF Signal Generator to the "HF/50 MHz" ANT jack, then set the frequency to 14.200 MHz.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Refer to the chart below and select the appropriate "Alignment menu item" using the [MULTI] Dial knob. Set the RF Signal Generator output to each level, and adjust the [CLAR/VFO-B] knob for the corresponding S-meter reading. Press the [F(M-LIST)] key to save the new setting at each level.

Alignment menu item	RF Signal Generator	S-meter
05-01 S-MTR 0	OFF	S-0
05-02 S-MTR 1	+14 dBµ	S-1
05-03 S-MTR 5	+24 dBµ	S-5
05-04 S-MTR 7	+30 dBµ	S-7
05-05 S-MTR 9	+36 dBµ	S-9
05-06 S-MTR +10	+46 dBµ	S-9+10dB
05-07 S-MTR +20	+56 dBµ	S-9+20dB
05-08 S-MTR +30	+66 dBµ	S-9+30dB
05-09 S-MTR +40	+76 dBµ	S-9+40dB
05-10 S-MTR +50	+86 dBµ	S-9+50dB
05-11 S-MTR +60	+96 dBµ	S-9+60dB

- ❒ Press and hold in the [MENU(SETUP)] button for one second to save the new settings and exit the alignment mode.

FIL Gain Adjustment

- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "06-01 R. FIL 3k".
- ❒ Rotate the [CLAR/VFO-B] knob to set the parameter is "180".
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "06-02 R. FIL 15k".
- ❒ Rotate the [CLAR/VFO-B] knob to set the parameter is "180".
- ❒ Press and hold in the [MENU(SETUP)] button for one second to save the new settings and exit the alignment mode.

S-meter Adjustment (FM)

- ❒ Set the VFO-A frequency to 145.900 MHz in the FM mode.
- ❒ Connect the RF Signal Generator to the "144/430 MHz" ANT jack, then set the output level to 0 dBµ at the 145.900 MHz with ±3.5 kHz deviation FM modulation of a 1 kHz audio signal.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "07-01 FM S1".
- ❒ Rotate the [CLAR/VFO-B] knob so that the S-meter reading is "S-1".
- ❒ Press the [F(M-LIST)] button to save the new setting.
- ❒ Set the RF Signal Generator to +20 dBµ.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "07-02 FM S9".
- ❒ Rotate the [CLAR/VFO-B] knob so that the S-meter reading is "S-9".
- ❒ Press the [F(M-LIST)] button to save the new setting.
- ❒ Set the RF Signal Generator to +40 dBµ.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "07-03 FM S60".
- ❒ Rotate the [CLAR/VFO-B] knob so that the S-meter reading is "S-9+60".
- ❒ Press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.

FM Squelch Adjustment

- ❒ Set the VFO-A frequency to 145.900 MHz in the FM-WIDE mode.
- ❒ Connect the RF Signal Generator to the "144/430 MHz" ANT jack, then set the output level to -14 dBμ at the 145.900 MHz with ±3.5 kHz deviation FM modulation of a 1 kHz audio signal.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "08-01 FM SQL THW".
- ❒ Press the [F(M-LIST)] button to save the new setting.
- ❒ Press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.
- ❒ Set the FM-NARROW mode.
- ❒ Set the RF Signal Generator output level to -14 dBμ at the 145.900 MHz with ±1.75 kHz deviation FM modulation of a 1 kHz audio signal.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "08-02 FM SQL THN".
- ❒ Press the [F(M-LIST)] button to save the new setting.
- ❒ Press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.
- ❒ Set the FM-WIDE mode.
- ❒ Set the RF Signal Generator output level to +3 dBμ at the 145.900 MHz with ±3.5 kHz deviation FM modulation of a 1 kHz audio signal.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "08-03 FM SQL TI".
- ❒ Press the [F(M-LIST)] button to save the new setting.
- ❒ Press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.

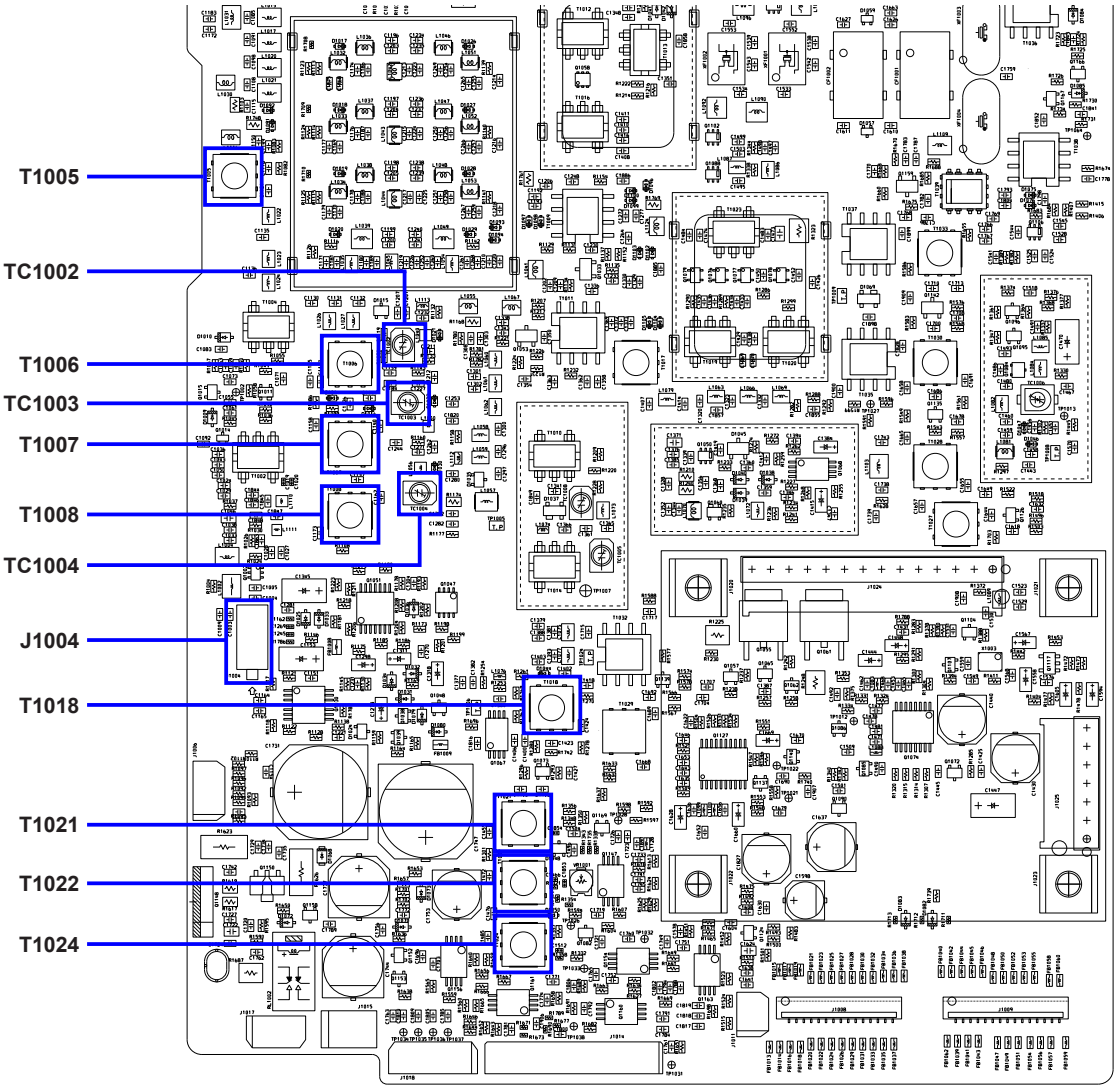
FM Center Stop Adjustment

- ❒ Set the VFO-A frequency to 145.900 MHz in the FM-WIDE mode.
- ❒ Connect the RF Signal Generator to the "144/430 MHz" ANT jack, then set the output level to +10 dBμ at the 145.900 MHz.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "09-01 FM CTR-L".
- ❒ Press the [F(M-LIST)] button to save the new setting.
- ❒ Set the RF Signal Generator to 145.903 MHz.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "09-02 FM CTR-H".
- ❒ Press the [F(M-LIST)] button to save the new setting.
- ❒ Press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.

Transmitter Adjustment

TX IFT Adjustment

- ❒ Disconnect the coaxial cable from J1004 on the MAIN Unit, then connect the RF millivoltmeter to J1004.
- ❒ Set the VFO-A frequency to 14.200 MHz in the CW-USB mode.
- ❒ Set the TX Power to 100 W.
- ❒ Connect the Microphone to the front panel MIC jack.
- ❒ Press the PTT button, adjust T1024, T1022, T1021 and T1018 for maximum deflection on the RF millivoltmeter.
- ❒ Release the PTT button.
- ❒ Set the VFO-A frequency to 145.900 MHz in the FM mode.
- ❒ Press the PTT button, adjust T1008, T1007 and T1006 for maximum deflection on the RF millivoltmeter.
- ❒ Release the PTT button.
- ❒ Set the VFO-A frequency to 439.900 MHz in the FM mode.
- ❒ Press the PTT button, adjust TC1004, TC1003 and TC1002 for maximum deflection on the RF millivoltmeter.
- ❒ Release the PTT button.
- ❒ Disconnect the RF millivoltmeter from J1004 on the MAIN Unit, then connect the Spectrum Analyzer to J1004.
- ❒ Set the VFO-A frequency to 52.000 MHz in the CW-USB mode.
- ❒ Press the PTT button, adjust T1005 on the spurious (69.450 MHz) for minimum deflection on the Spectrum Analyzer.
- ❒ Release the PTT button.
- ❒ Disconnect the Spectrum Analyzer from J1004, then re-connect the coaxial cable to J1004.



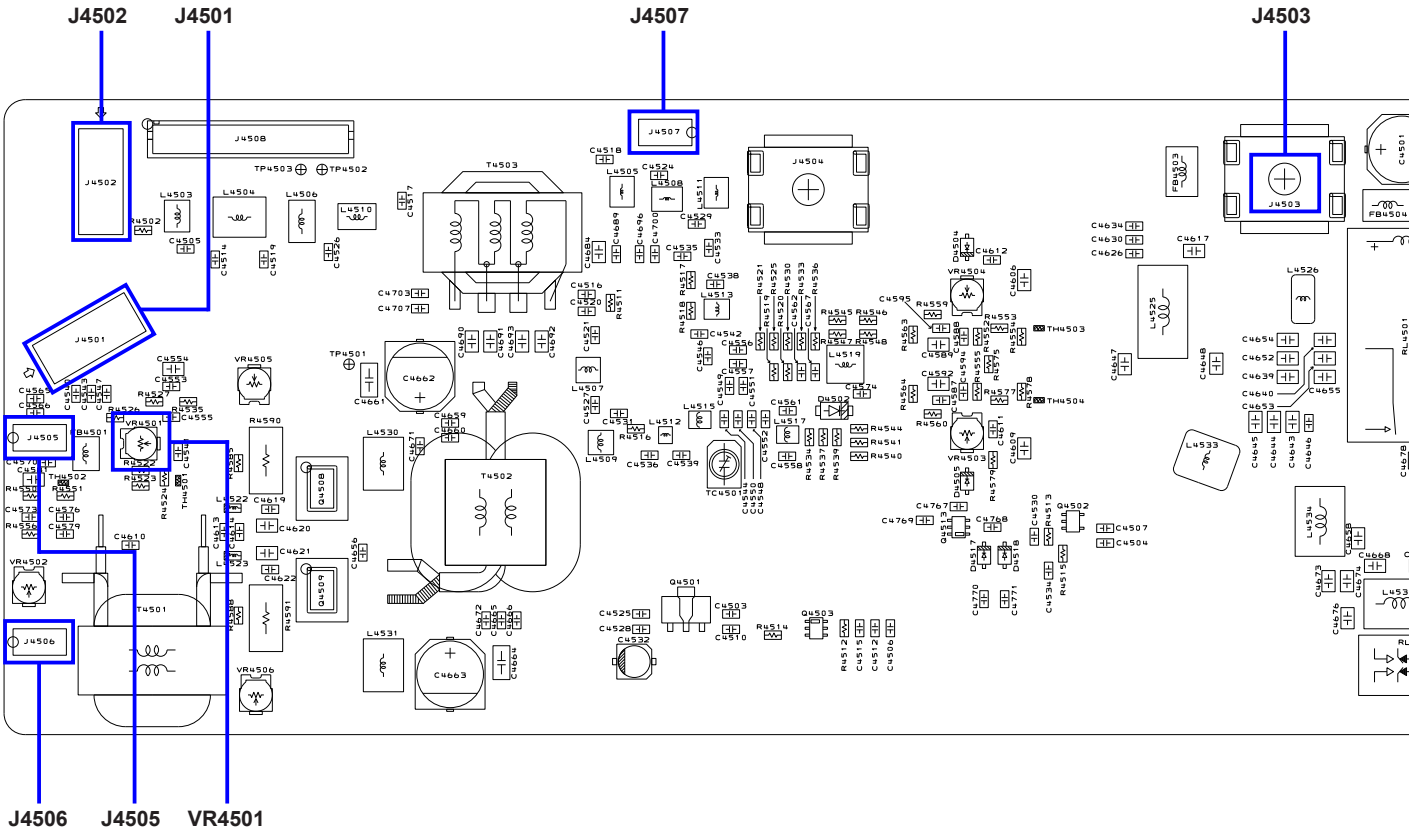
V-U PA Unit Adjustment

Preparation

- ❒ Connect the Microphone to the front panel MIC jack.
- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the "144/430 MHz" ANT jack.
- ❒ Disconnect the coaxial cables from J4501 and J4502 on the V_U-PA Unit, then terminate J4501 and J4502, each with a 50-Ohm resistor.
- ❒ Disconnect the jumper plugs from J4505, J4506 and J4507 on the V_U-PA Unit.
- ❒ Disconnect the red cable from J4503 on the V_U-PA Unit.

Pre-Drive Stage Idling Current Adjustment

- ❒ Connect the DC ammeter to J4505 on the V_U-PA Unit.
- ❒ Press and hold the PTT button, while adjust VR4501 so the DC ammeter reading is "40 mA (±5 mA)".
- ❒ Release the PTT button.
- ❒ Disconnect the DC ammeter from J4505.



Drive Stage Idling Current Adjustment

- ❒ Connect the DC ammeter to J4506 on the V_ U-PA Unit.
- ❒ Press and hold the PTT button, while adjust VR4502 so the DC ammeter reading is "100 mA (±10 mA)".
- ❒ Release the PTT button.
- ❒ Disconnect the DC ammeter from J4506.
- ❒ Re-connect the red cable to J4503 on the V_ U-PA Unit.

Semi-Final Stage Idling Current Adjustment

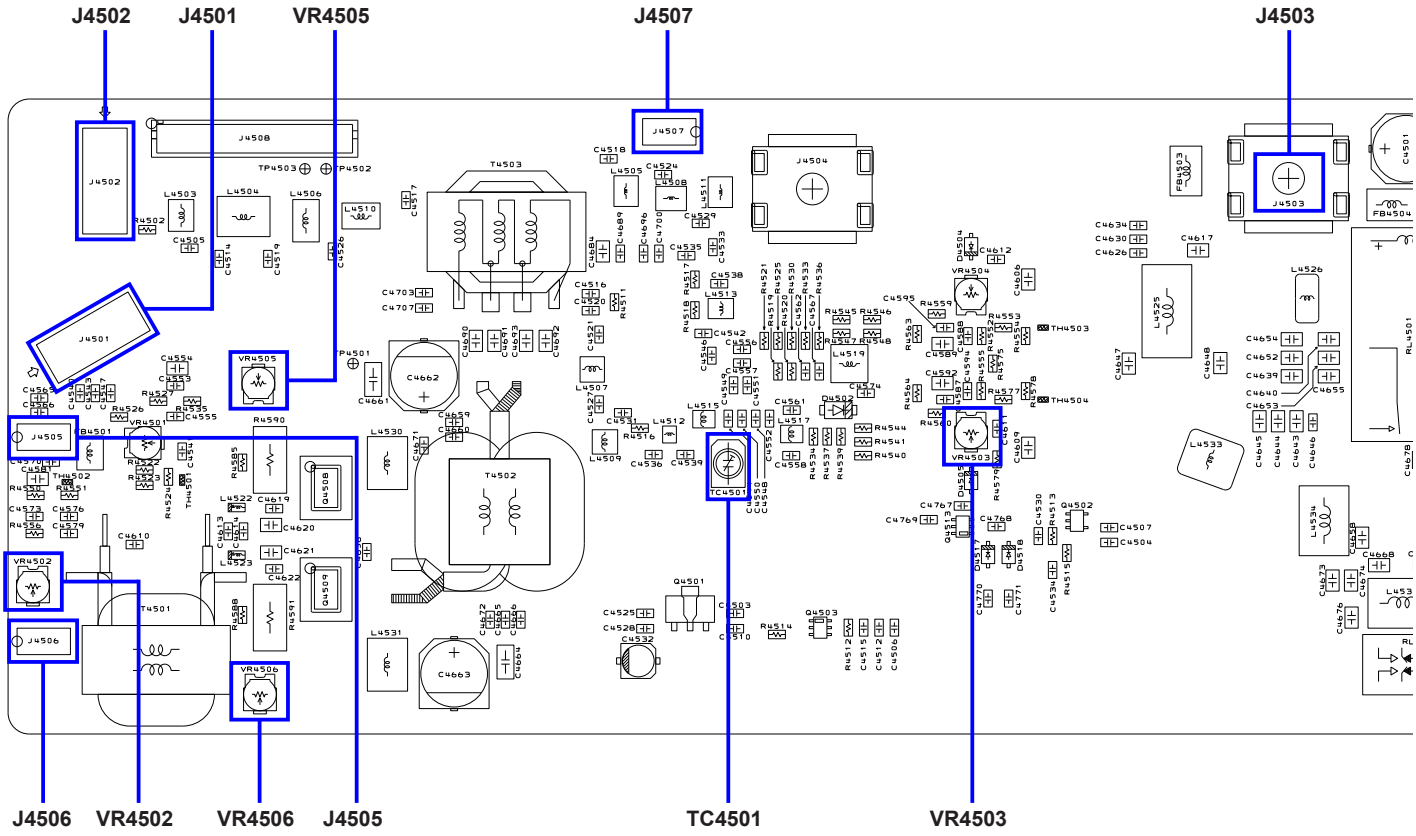
- ❒ Connect the DC ammeter to J4507 on the V_ U-PA Unit.
- ❒ Press and hold the PTT button, while adjust VR4505 so the DC ammeter reading is "600 mA (±50 mA)".
- ❒ Adjust VR4506 so the DC ammeter reading is "1.2 A (±0.1 A)".
- ❒ Release the PTT button.
- ❒ Disconnect the DC ammeter from J4507.

Final Stage Idling Current Adjustment

- ❒ Disconnect the red cable from J4503 on the V_ U-PA Unit.
- ❒ Connect the DC ammeter between J4503 and red cable.
- ❒ Press and hold the PTT button, while adjust VR4503 so the DC ammeter reading is "800 mA (±50 mA)".
- ❒ Release the PTT button.
- ❒ Disconnect the DC ammeter from J4503 and red cable, then connect the red cable to J4503.
- ❒ Disconnect the 50-Ohm resistors from J4501 and J4502, then connect the coaxial cables to J4501 and J4502.
- ❒ Re-connect the jumper plugs to J4505, J4506 and J4507.

V_U-PA Unit TX Adjustment

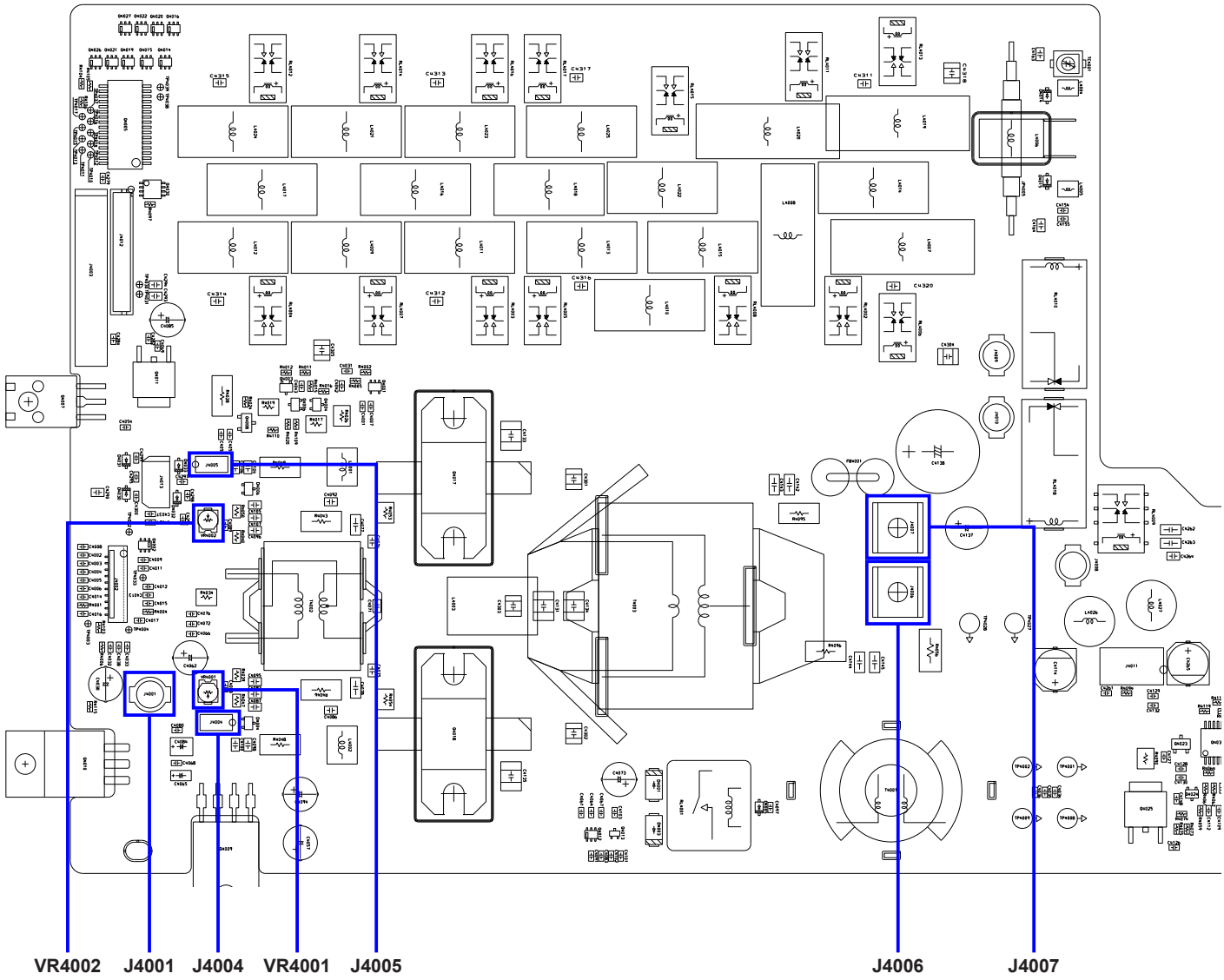
- ❒ Set the VFO-A frequency to 439.990 MHz in the USB mode.
- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the "144/430 MHz" ANT jack.
- ❒ Connect the Audio Generator to pin 8 of the MIC jack (pin 7: GND), then set the output level to 0.5 mV @1 kHz.
- ❒ Press the PTT button, then adjust the MIC gain to set the RF Power output to 25 W on the Wattmeter.
- ❒ Press the PTT button, adjust TC4501 for maximum deflection on the Wattmeter.
- ❒ Release the PTT button.



HF PA Unit Adjustment

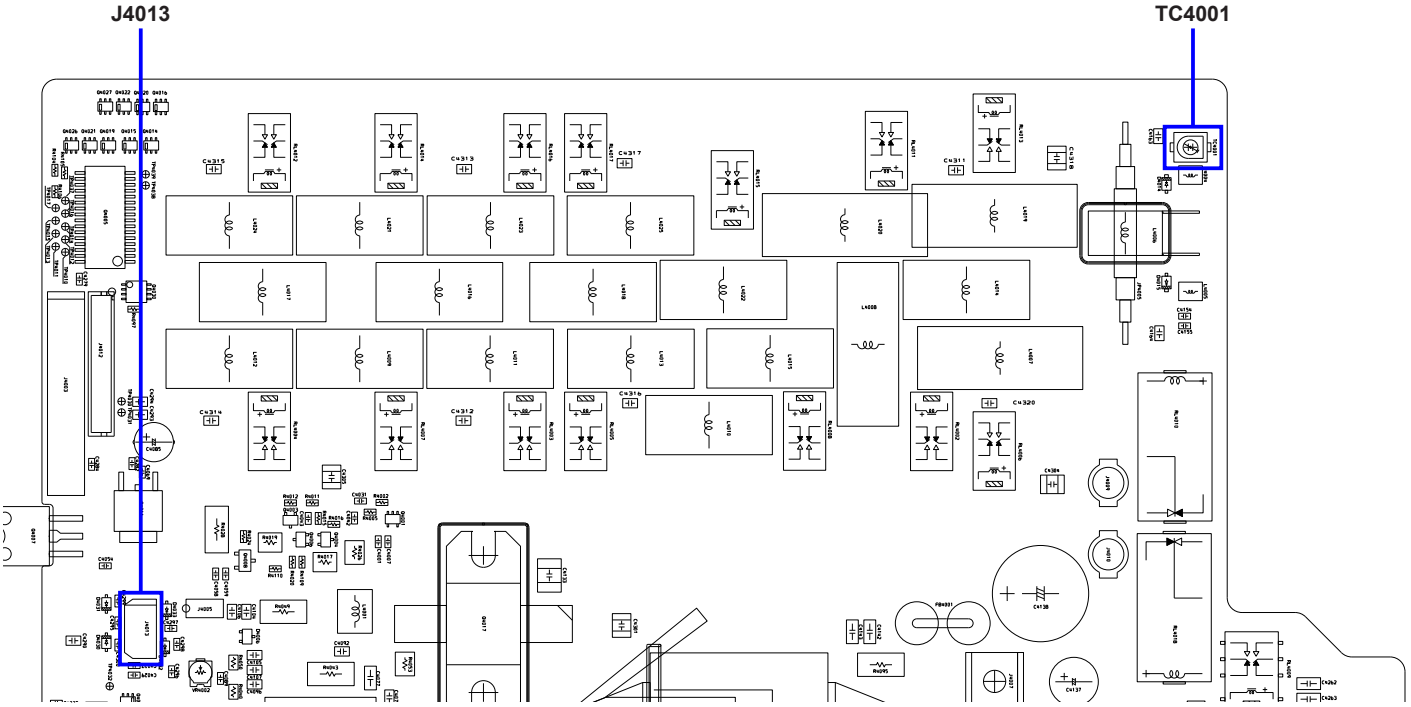
Preparation

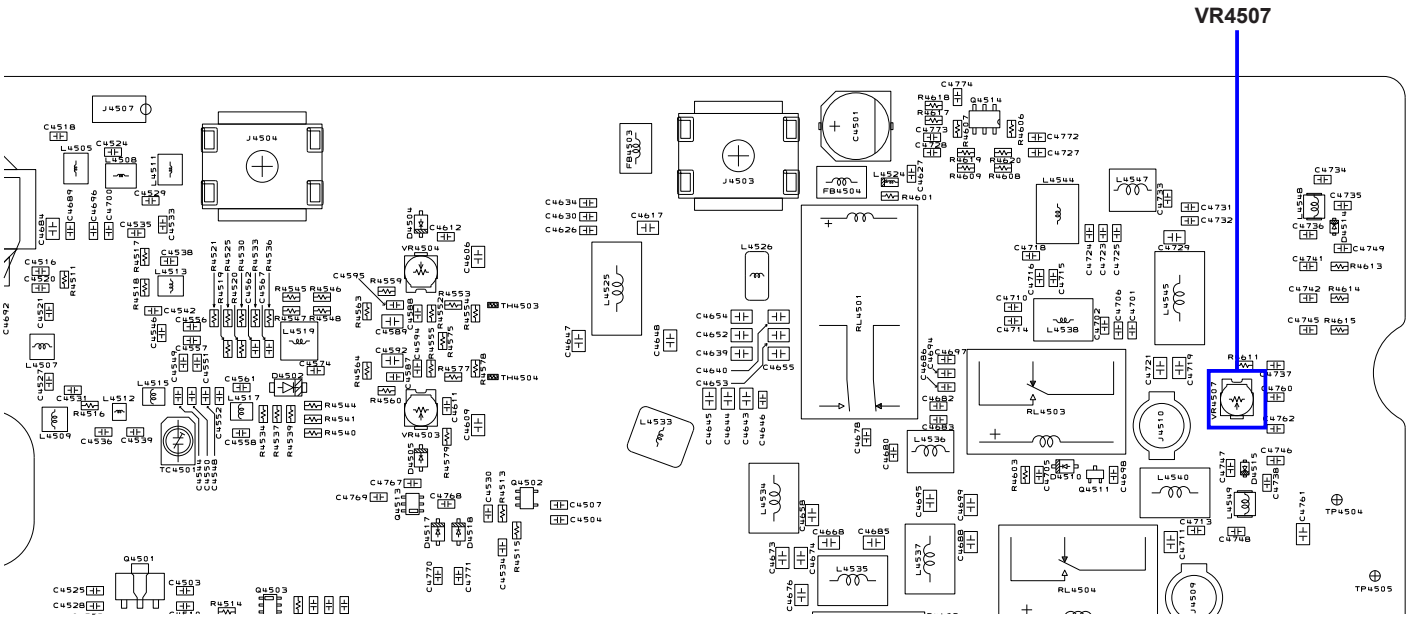
- ❒ Connect the Microphone to the front panel MIC jack.
- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the "HF/50 MHz" ANT jack.
- ❒ Disconnect the coaxial cables from J4001 on the HF-PA Unit, then terminate J4001 with a 50-Ohm resistor.
- ❒ Connect the DC ammeter between J4006 and J4007.
- ❒ Disconnect the jumper plugs from J4004 and J4005 on the HF-PA Unit.
- ❒ Re-connect the jumper plugs to J4004.
- ❒ Press and hold the PTT button, while adjust VR4001 so the DC ammeter reading is "1.5 A (±0.1 A)".
- ❒ Release the PTT button.
- ❒ Disconnect the jumper plugs from J4004.
- ❒ Re-connect the jumper plugs to J4005.
- ❒ Press and hold the PTT button, while adjust VR4002 so the DC ammeter reading is "1.5 A (±0.1 A)".
- ❒ Release the PTT button.
- ❒ Re-connect the jumper plugs to J4004.
- ❒ Disconnect the DC ammeter from J4006 and 4007.
- ❒ Disconnect the 50-Ohm resistors from J4001 , then connect the coaxial cable to J4001.



CM Coupler Balance Adjustment

- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the "HF/50 MHz" ANT jack.
- ❒ Connect the Digital DC voltmeter (high-Z) to pin 2 of J4013 on the HF-PA Unit.
- ❒ Turn off the [TUNE] switch, then set the VFO-A frequency to 24.900 MHz in the USB mode.
- ❒ Press the PTT button, then adjust the MIC gain to set the RF Power output to 50 W on the Wattmeter.
- ❒ Press the PTT button, adjust TC4001 for minimum deflection on the DC voltmeter (less than 0.1 V).
- ❒ Release the PTT button.
- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the "144/430 MHz" ANT jack.
- ❒ Set the VFO-A frequency to 430.000 MHz.
- ❒ Press the PTT button, then adjust the MIC gain to set the RF Power output to 25 W on the Wattmeter.
- ❒ Press the PTT button, adjust VR4507 for minimum deflection on the DC voltmeter (less than 0.3 V).
- ❒ Release the PTT button.





Current ALC Adjustment

If the Main Firmware version of your transceiver is "V01-13 or later", see next section.

- ❒ Connect the Microphone to the front panel MIC jack.
- ❒ Connect the 50-Ohm Dummy Load and Watt-meter to the "HF/50 MHz" ANT jack.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "10-01 I-ALC 1.8" for the 1.8 MHz amateur band's ALC Adjustment.
- ❒ Set the VFO-A frequency to 1.90 MHz in the CW mode.
- ❒ Press the PTT button, then adjust the [CLAR/VFO-B] knob to set the parameter is "33".
- ❒ Release the PTT button, then rotate the [CLAR/VFO-B] knob so that the parameter indication "5" in-crease.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "10-02 I-ALC HFL" for the 7 MHz amateur band's ALC Adjustment.
- ❒ Set the VFO-A frequency to 7.10 MHz in the CW mode.
- ❒ Press the PTT button, then adjust the [CLAR/VFO-B] knob to set the parameter is "39".
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "10-03 I-ALC HFM" for the 14 MHz amateur band's ALC Adjustment.
- ❒ Set the VFO-A frequency to 14.20 MHz in the CW mode.
- ❒ Press the PTT button, then adjust the [CLAR/VFO-B] knob to set the parameter is "37".
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "10-04 I-ALC HFH" for the 21 MHz amateur band's ALC Adjustment.
- ❒ Set the VFO-A frequency to 21.240 MHz in the CW mode.
- ❒ Press the PTT button, then adjust the [CLAR/VFO-B] knob to set the parameter is "37".
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "10-05 I-ALC 50" for the 50 MHz amateur band's ALC Adjustment.
- ❒ Set the VFO-A frequency to 51.90 MHz in the CW mode.
- ❒ Press the PTT button, then adjust the [CLAR/VFO-B] knob to set the parameter is "33".
- ❒ Release the PTT button.
- ❒ Connect the 50-Ohm Dummy Load and Watt-meter to the "144/430 MHz" ANT jack.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "10-06 I-ALC 144" for the 144 MHz amateur band's ALC Adjustment.
- ❒ Set the VFO-A frequency to 145.90 MHz in the CW mode.
- ❒ Press the PTT button, then adjust the [CLAR/VFO-B] knob to set the parameter is "29".
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "10-07 I-ALC 430" for the 430 MHz amateur band's ALC Adjustment.
- ❒ Set the VFO-A frequency to 439.90 MHz in the CW mode.
- ❒ Press the PTT button, then adjust the [CLAR/VFO-B] knob to set the parameter is "31".
- ❒ Release the PTT button, then press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.

If the Main Firmware version of your transceiver is "V01-13 or later".

- ❒ Connect the Microphone to the front panel MIC jack.
- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the "HF/50 MHz" ANT jack.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "10-01 I-ALC 1.8" for the 1.8 MHz amateur band's ALC Adjustment.
- ❒ Set the VFO-A frequency to 1.90 MHz in the CW mode.
- ❒ Press the PTT button, then adjust the [CLAR/VFO-B] knob for 100 W on the Wattmeter.
- ❒ Release the PTT button, then rotate the [CLAR/VFO-B] knob so that the parameter indication "10" in-crease.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "10-02 I-ALC HFL" for the 7 MHz amateur band's ALC Adjustment.
- ❒ Set the VFO-A frequency to 7.10 MHz in the CW mode.
- ❒ Press the PTT button, then adjust the [CLAR/VFO-B] knob for 100 W on the Wattmeter.
- ❒ Release the PTT button, then rotate the [CLAR/VFO-B] knob so that the parameter indication "10" in-crease.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "10-03 I-ALC HFM" for the 14 MHz amateur band's ALC Adjustment.
- ❒ Set the VFO-A frequency to 14.20 MHz in the CW mode.
- ❒ Press the PTT button, then adjust the [CLAR/VFO-B] knob for 100 W on the Wattmeter.
- ❒ Release the PTT button, then rotate the [CLAR/VFO-B] knob so that the parameter indication "10" in-crease.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "10-04 I-ALC HFH" for the 21 MHz amateur band's ALC Adjustment.
- ❒ Set the VFO-A frequency to 21.240 MHz in the CW mode.
- ❒ Press the PTT button, then adjust the [CLAR/VFO-B] knob for 100 W on the Wattmeter.
- ❒ Release the PTT button, then rotate the [CLAR/VFO-B] knob so that the parameter indication "10" in-crease.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "10-05 I-ALC 50" for the 50 MHz amateur band's ALC Adjustment.
- ❒ Set the VFO-A frequency to 51.90 MHz in the CW mode.
- ❒ Press the PTT button, then adjust the [CLAR/VFO-B] knob for 100 W on the Wattmeter.
- ❒ Release the PTT button, then rotate the [CLAR/VFO-B] knob so that the parameter indication "10" in-crease.
- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the "144/430 MHz" ANT jack.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "10-06 I-ALC 144" for the 144 MHz amateur band's ALC Adjustment.
- ❒ Set the VFO-A frequency to 145.90 MHz in the CW mode.
- ❒ Press the PTT button, then adjust the [CLAR/VFO-B] knob for 50 W on the Wattmeter.
- ❒ Release the PTT button, then rotate the [CLAR/VFO-B] knob so that the parameter indication "5" in-crease.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item "10-07 I-ALC 430" for the 430 MHz amateur band's ALC Adjustment.
- ❒ Set the VFO-A frequency to 439.90 MHz in the CW mode.
- ❒ Press the PTT button, then adjust the [CLAR/VFO-B] knob for 50 W on the Wattmeter.
- ❒ Release the PTT button, then rotate the [CLAR/VFO-B] knob so that the parameter indication "5" in-crease.
- ❒ Press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.

ALC Meter Adjustment

- ❒ Connect the Microphone to the front panel MIC jack.
- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the “HF/50 MHz” ANT jack.
- ❒ Set the VFO-A frequency to 14.20 MHz in the CW mode.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item “13-03 100W TXG HFM”.
- ❒ Rotate the [CLAR/VFO-B] knob to set the parameter is "255".
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item “18-01 TX CAR USB”.
- ❒ Rotate the [CLAR/VFO-B] knob to set the parameter is "255".
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item “13-01 100W FALC HFM”.
- ❒ Rotate the [CLAR/VFO-B] knob to set the parameter is "0".
- ❒ Press the PTT button, then adjust the [CLAR/VFO-B] knob for 100 W ±2.5 W on the Wattmeter.
- ❒ Release the PTT button, then press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.
- ❒ Set the USB mode.
- ❒ Set the MIC GAIN to "50".
- ❒ Connect the Audio Generator to pin 8 of the MIC jack (pin 7: GND).
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item “20-01 ALC-MTR”.
- ❒ Press the PTT button, then adjust the Audio Generator output level to the position where RF Power output to 88 - 92 W on the Wattmeter.
- ❒ Release the PTT button.
- ❒ Increase the Audio Generator output level by “+10 dB”.
- ❒ Press the PTT button, then press the [F(M-LIST)] key while pressing and holding in the PTT button.
- ❒ Release the PTT button.
- ❒ Rotate the [CLAR/VFO-B] knob for maximum deflection on the ALC meter zone (S9 +10 dB), then press the [F(M-LIST)] key, while pressing and holding in the PTT button.
- ❒ Release the PTT button, then press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.

TX Output Power/PO Meter/TXG Adjustment

- ❒ Referring to table below, tune the transceiver to each frequency listed.

Band	VFO-A Frequency	Mode
1.8 MHz Band	1.90 MHz	CW-USB
7 MHz Band	7.10 MHz	CW-USB
14 MHz Band	14.20 MHz	CW-USB
21 MHz Band	21.20 MHz	CW-USB
50 MHz Band	51.90 MHz	CW-USB
144 MHz Band	145.900 MHz	CW-USB
430 MHz Band	439.900 MHz	CW-USB

- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the “HF/50 MHz” and “144/430 MHz” ANT jack.
- ❒ Connect the Microphone to the front panel MIC jack.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “11-01 100W FALC 1.8".
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob for 100 W ±3W on the Wattmeter.
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “11-02 MTR 1.8”.
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob for 100 W on the PO meter.
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “11-03 TXG 1.8”.
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob for "S9+10dB" on the ALC meter zone.
- ❒ Release the PTT button.
- ❒ Perform the same procedures for the Alignment Menu Items “11-04 50W FALC 1.8” through “11-15 5W TXG 1.8” per the chart at the below.

	Alignment Menu	Operation	WATT meter (Adjust to)	PO meter (Adjust to)	ALC Meter Zone (Adjust to)
1.9 MHz	11-01 100W FALC 1.8	Rotate the [CLAR/VFO-B] knob	100 W (+3 W / –3 W)	–	–
	11-02 100W MTR 1.8	Rotate the [CLAR/VFO-B] knob	–	100 W	–
	11-03 100W TXG 1.8	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB (or 205)
	11-04 50W FALC 1.8	Rotate the [CLAR/VFO-B] knob	50 W (+3 W / –3 W)	–	–
	11-05 50W MTR 1.8	Rotate the [CLAR/VFO-B] knob	–	50 W	–
	11-06 50W TXG 1.8	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB (or 205)
	11-07 20W FALC 1.8	Rotate the [CLAR/VFO-B] knob	20 W (+2 W / –2 W)	–	–
	11-08 20W MTR 1.8	Rotate the [CLAR/VFO-B] knob	–	20 W	–
	11-09 20W TXG 1.8	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB (or 205)
	11-10 10W FALC 1.8	Rotate the [CLAR/VFO-B] knob	10 W (+1 W / –1 W)	–	–
	11-11 10W MTR 1.8	Rotate the [CLAR/VFO-B] knob	–	10 W	–
	11-12 10W TXG 1.8	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB (or 205)
	11-13 5W FALC 1.8	Rotate the [CLAR/VFO-B] knob	5 W (+1 W / –1 W)	–	–
	11-14 5W MTR 1.8	Rotate the [CLAR/VFO-B] knob	–	5 W	–
	11-15 5W TXG 1.8	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB (or 205)

❒ Perform the same procedures for the Alignment Menu Items “12-01 100W FALC HFL” through “17-12 5W TXG 430” per the chart at the above.

	Alignment Menu	Operation	WATT meter (Adjust to)	PO meter (Adjust to)	ALC Meter Zone (Adjust to)
7 MHz	12-01 100W FALC HFL	Rotate the [CLAR/VFO-B] knob	100 W (+3 W / –3 W)	–	–
	12-02 100W MTR HFL	Rotate the [CLAR/VFO-B] knob	–	100 W	–
	12-03 100W TXG HFL	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB (or)
	12-04 50W FALC HFL	Rotate the [CLAR/VFO-B] knob	50 W (+3 W / –3 W)	–	–
	12-05 50W MTR HFL	Rotate the [CLAR/VFO-B] knob	–	50 W	–
	12-06 50W TXG HFL	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB
	12-07 20W FALC HFL	Rotate the [CLAR/VFO-B] knob	20 W (+2 W / –2 W)	–	–
	12-08 20W MTR HFL	Rotate the [CLAR/VFO-B] knob	–	20 W	–
	12-09 20W TXG HFL	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB
	12-10 10W FALC HFL	Rotate the [CLAR/VFO-B] knob	10 W (+1 W / –1 W)	–	–
	12-11 10W MTR HFL	Rotate the [CLAR/VFO-B] knob	–	10 W	–
	12-12 10W TXG HFL	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB
	12-13 5W FALC HFL	Rotate the [CLAR/VFO-B] knob	5 W (+1 W / –1 W)	–	–
	12-14 5WMTR HFL	Rotate the [CLAR/VFO-B] knob	–	5 W	–
	12-15 5W TXG HFL	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB
14 MHz	13-01 100W FALC HFM	Rotate the [CLAR/VFO-B] knob	100 W (+3 W / –3 W)	–	–
	13-02 100W MTR HFM	Rotate the [CLAR/VFO-B] knob	–	100 W	–
	13-03 100W TXG HFM	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB
	13-04 50W FALC HFM	Rotate the [CLAR/VFO-B] knob	50 W (+3 W / –3 W)	–	–
	13-05 50W MTR HFM	Rotate the [CLAR/VFO-B] knob	–	50 W	–
	13-06 50W TXG HFM	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB
	13-07 20W FALC HFM	Rotate the [CLAR/VFO-B] knob	20 W (+2 W / –2 W)	–	–
	13-08 20W MTR HFM	Rotate the [CLAR/VFO-B] knob	–	20 W	–
	13-09 20W TXG HFM	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB
	13-10 10W FALC HFM	Rotate the [CLAR/VFO-B] knob	10 W (+1 W / –1 W)	–	–
	13-11 10W MTR HFM	Rotate the [CLAR/VFO-B] knob	–	10 W	–
	13-12 10W TXG HFM	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB
	13-13 5W FALC HFM	Rotate the [CLAR/VFO-B] knob	5 W (+1 W / –1 W)	–	–
	13-14 5W MTR HFM	Rotate the [CLAR/VFO-B] knob	–	5 W	–
	13-15 5W TXG HFM	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB
21 MHz	14-01 100W FALC HFH	Rotate the [CLAR/VFO-B] knob	100 W (+3 W / –3 W)	–	–
	14-02 100W MTR HFH	Rotate the [CLAR/VFO-B] knob	–	100 W	–
	14-03 100W TXG HFH	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +2※ or S9 + more than 1 dot
	14-04 50W FALC HFH	Rotate the [CLAR/VFO-B] knob	50 W (+3 W / –3 W)	–	–
	14-05 50W MTR HFH	Rotate the [CLAR/VFO-B] knob	–	50 W	–
	14-06 50W TXG HFH	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +3※
	14-07 20W FALC HFH	Rotate the [CLAR/VFO-B] knob	20 W (+2 W / –2 W)	–	–
	14-08 20W MTR HFH	Rotate the [CLAR/VFO-B] knob	–	20 W	–
	14-09 20W TXG HFH	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +2※
	14-10 10W FALC HFH	Rotate the [CLAR/VFO-B] knob	10 W (+1 W / –1 W)	–	–
	14-11 10W MTR HFH	Rotate the [CLAR/VFO-B] knob	–	10 W	–
	14-12 10W TXG HFH	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +2※
	14-13 5W FALC HFH	Rotate the [CLAR/VFO-B] knob	5 W (+1 W / –1 W)	–	–
	14-14 5W MTR HFH	Rotate the [CLAR/VFO-B] knob	–	5 W	–
	14-15 5W TXG HFH	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +2※

	Alignment Menu		Operation	WATT meter (Adjust to)	PO meter (Adjust to)	ALC Meter Zone (Adjust to)
50 MHz	15-01 100W FALC	50	Rotate the [CLAR/VFO-B] knob	96 W (+1 W / –1 W)	–	–
	15-02 100W MTR	50	Rotate the [CLAR/VFO-B] knob	–	100 W	–
	15-03 100W TXG	50	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +3※
	15-04 50W FALC	50	Rotate the [CLAR/VFO-B] knob	50 W (+3 W / –3 W)	–	–
	15-05 50W MTR	50	Rotate the [CLAR/VFO-B] knob	–	50 W	–
	15-06 50W TXG	50	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +3※
	15-07 20W FALC	50	Rotate the [CLAR/VFO-B] knob	20 W (+2 W / –2 W)	–	–
	15-08 20W MTR	50	Rotate the [CLAR/VFO-B] knob	–	20 W	–
	15-09 20W TXG	50	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +3※
	15-10 10W FALC	50	Rotate the [CLAR/VFO-B] knob	10 W (+1 W / –1 W)	–	–
	15-11 10W MTR	50	Rotate the [CLAR/VFO-B] knob	–	10 W	–
	15-12 10W TXG	50	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +2※
	15-13 5W FALC	50	Rotate the [CLAR/VFO-B] knob	5 W (+1 W / –1 W)	–	–
	15-14 5W MTR	50	Rotate the [CLAR/VFO-B] knob	–	5 W	–
	15-15 5W TXG	50	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +2※
144 MHz	16-01 50W FALC	144	Rotate the [CLAR/VFO-B] knob	50 W (+3 W / –3 W)	–	–
	16-02 50W MTR	144	Rotate the [CLAR/VFO-B] knob	–	50 W	–
	16-03 50W TXG	144	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +3※
	16-04 20W FALC	144	Rotate the [CLAR/VFO-B] knob	20 W (+2 W / –2 W)	–	–
	16-05 20W MTR	144	Rotate the [CLAR/VFO-B] knob	–	20 W	–
	16-06 20W TXG	144	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +2※
	16-07 10W FALC	144	Rotate the [CLAR/VFO-B] knob	10 W (+1 W / –1 W)	–	–
	16-08 10W MTR	144	Rotate the [CLAR/VFO-B] knob	–	10 W	–
	16-09 10W TXG	144	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +1※
	16-10 5W FALC	144	Rotate the [CLAR/VFO-B] knob	5 W (+1 W / –1 W)	–	–
	16-11 5W MTR	144	Rotate the [CLAR/VFO-B] knob	–	5 W	–
	16-12 5W TXG	144	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +1※
430 MHz	17-01 50W FALC	430	Rotate the [CLAR/VFO-B] knob	50 W (+3 W / –3 W)	–	–
	17-02 50W MTR	430	Rotate the [CLAR/VFO-B] knob	–	50 W	–
	17-03 50W TXG	430	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +3※
	17-04 20W FALC	430	Rotate the [CLAR/VFO-B] knob	20 W (+2 W / –2 W)	–	–
	17-05 20W MTR	430	Rotate the [CLAR/VFO-B] knob	–	20 W	–
	17-06 20W TXG	430	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +2※
	17-07 10W FALC	430	Rotate the [CLAR/VFO-B] knob	10 W (+1 W / –1 W)	–	–
	17-08 10W MTR	430	Rotate the [CLAR/VFO-B] knob	–	10 W	–
	17-09 10W TXG	430	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +1※
	17-10 5W FALC	430	Rotate the [CLAR/VFO-B] knob	5 W (+1 W / –1 W)	–	–
	17-11 5W MTR	430	Rotate the [CLAR/VFO-B] knob	–	5 W	–
	17-12 5W TXG	430	Rotate the [CLAR/VFO-B] knob	–	–	S9 +10dB +1※

※: Rotate the [CLAR/VFO-B] Dial knob so that the parameter of the alignment menu item "+n" increase.

❒ Release the PTT button, then press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.

AM-TXG Adjustment

❒ Connect the 50-Ohm Dummy Load and Wattmeter to the “HF/50 MHz” ANT jack.
❒ Connect the Microphone to the front panel MIC jack.
❒ Set the VFO-A frequency to 14.200 MHz in the AM mode.
❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “18-02 TX CAR AM".
❒ Press and hold the PTT button without microphone input, then rotate the [CLAR/VFO-B] knob so the ALC meter turns on S7.
❒ Release the PTT button, then press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.

REV-ALC Adjustment

- ❒ Connect the 16.6-Ohm Dummy Load and Wattmeter to the “HF/50 MHz” ANT jack.
- ❒ Connect the Microphone to the front panel MIC jack.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “19-01 REV ALC 1.8".
- ❒ Set the VFO-A frequency to 1.900 MHz in the CW mode.
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob for 40 W ±10 W on the Wattmeter.
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “19-02 REV ALC HFL".
- ❒ Set the VFO-A frequency to 7.100 MHz in the CW mode.
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob for 40 W ±10 W on the Wattmeter.
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “19-03 REV ALC HFM".
- ❒ Set the VFO-A frequency to 14.200 MHz in the CW mode.
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob for 40 W ±10 W on the Wattmeter.
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “19-04 REV ALC HFH".
- ❒ Set the VFO-A frequency to 21.200 MHz in the CW mode.
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob for 40 W ±10 W on the Wattmeter.
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “19-05 REV ALC 50".
- ❒ Set the VFO-A frequency to 52.000 MHz in the CW mode.
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob for 40 W ±10 W on the Wattmeter.
- ❒ Release the PTT button.
- ❒ Connect the 16.6-Ohm Dummy Load and Wattmeter to the “144/430 MHz” ANT jack.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “19-06 REV ALC 144".
- ❒ Set the VFO-A frequency to 145.90 MHz in the CW mode.
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob for 25 W ±5 W on the Wattmeter.
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “19-07 REV ALC 430".
- ❒ Set the VFO-A frequency to 439.90 MHz in the CW mode.
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob for 15 W ±3 W on the Wattmeter.
- ❒ Release the PTT button, then press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.

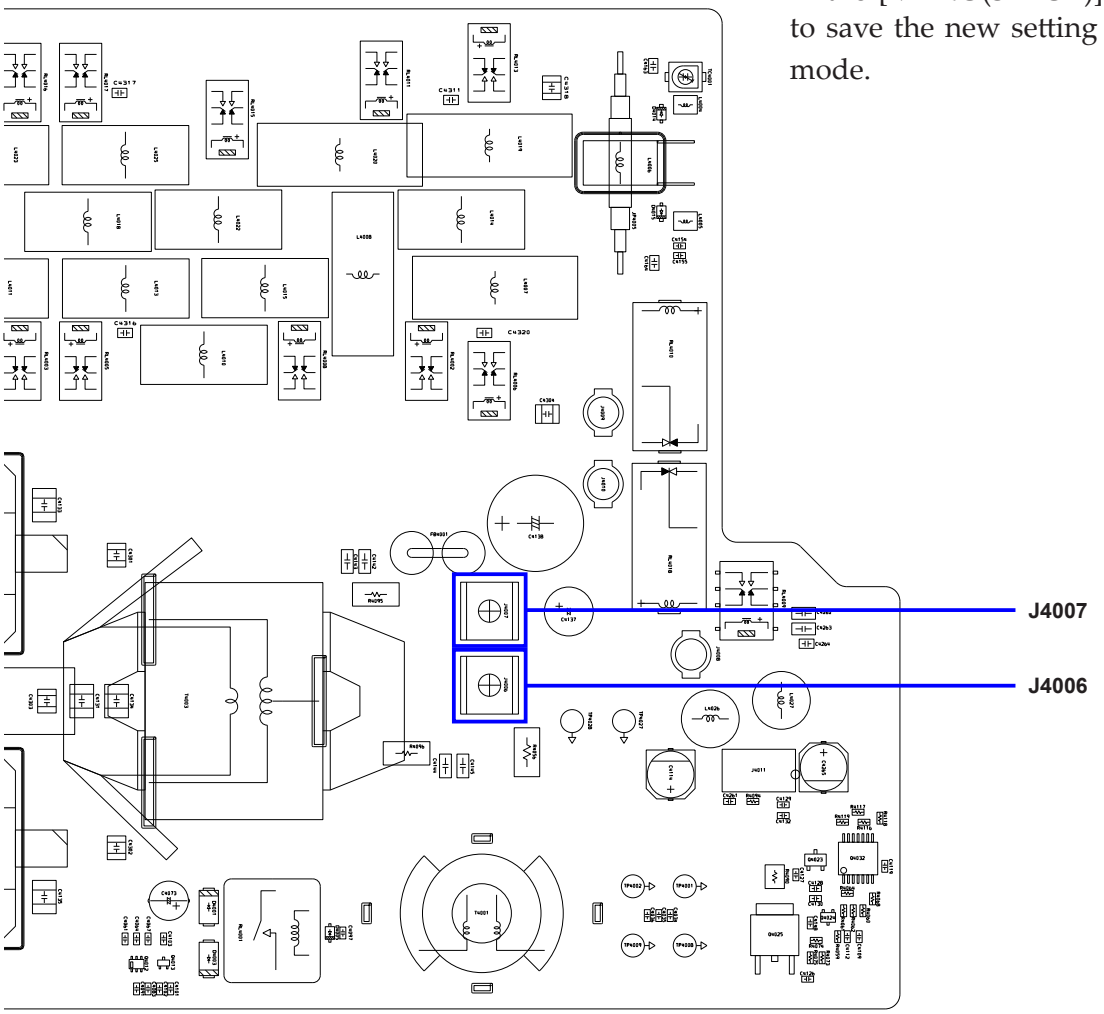
FM MAX Deviation Adjustment

- ❒ Connect the Dummy Load, Wattmeter, and Deviation Meter to the “144/430 MHz” ANT Jack.
- ❒ Set the MIC GAIN to "50".
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “20-02 FM DEV".
- ❒ Set the VFO-A frequency to 145.90 MHz in the FM mode.
- ❒ Connect the Audio Generator to pin 8 of the MIC jack (pin 7: GND), then set the output level to 5.0 mV @1 kHz.
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob for 4.5 kHz ±0.2 kHz on the Deviation Meter.
- ❒ Release the PTT button.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “20-03 FM-N DEV".
- ❒ Set the VFO-A frequency to 439.90 MHz in the FM-N mode.
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob for 2.25 kHz ±0.1 kHz on the Deviation Meter.
- ❒ Release the PTT button.

- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “20-04 C4FM DEV".
- ❒ Set the VFO-A frequency to 439.90 MHz in the C4FM mode.
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob for 4.5 kHz ±0.2 kHz on the Deviation Meter.
- ❒ Release the PTT button, then press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.

IDD Meter Adjustment

- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the “HF/50 MHz” ANT jack.
- ❒ Remove the jumper that is connected between J4006 and J4007 on the HF-PA-Unit, then connect the DC ammeter (20-A range) between J4006 and J4007.
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “22-01 IDD MTR".
- ❒ Set the VFO-A frequency to 14.200 MHz in the CW mode.
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob so the IDD meter reading is the same as the DC ammeter.
- ❒ Press the PTT button, then press the [F(M-LIST)] key while pressing and holding in the PTT button.
- ❒ Release the PTT button, then press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.



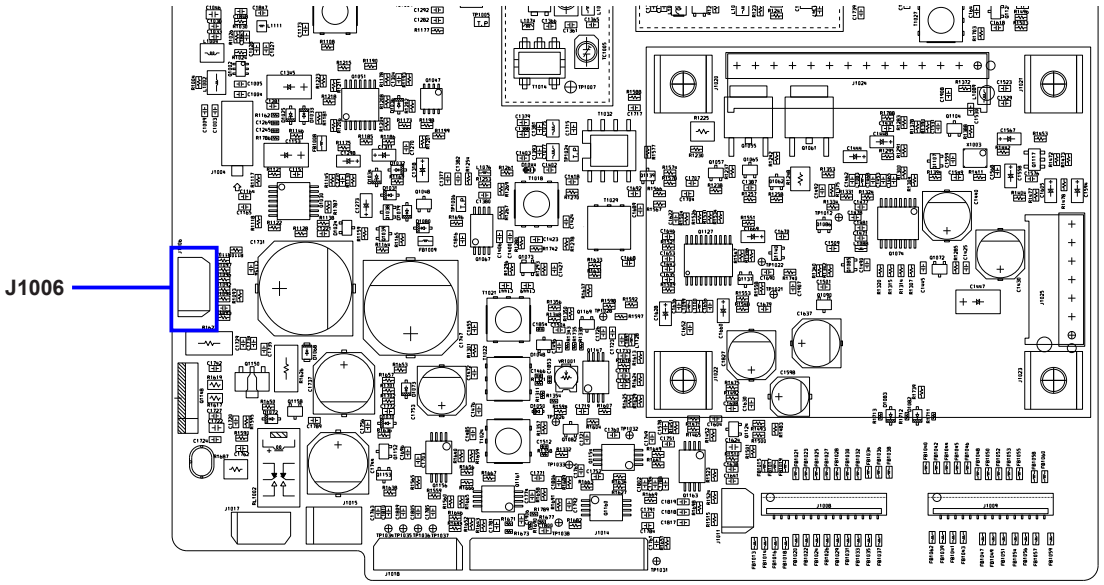
SWR Meter Adjustment

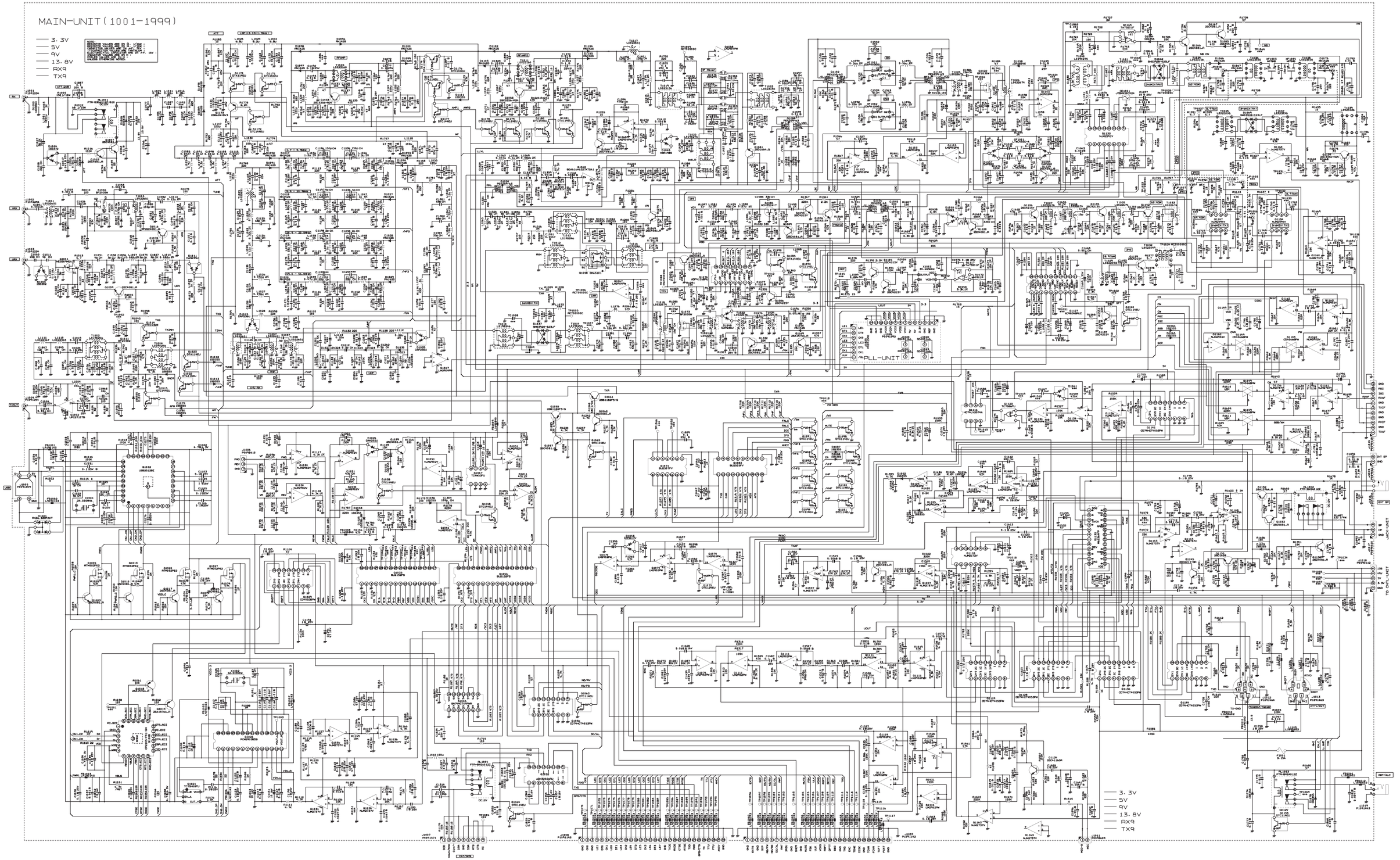
- ❒ SetE the VFO-A frequency to 1.850 MHz in the USB mode.
- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the “HF/50 MHz” and “144/430 MHz” ANT jack.
- ❒ Disconnect the 3-pin plug from J1006 on the MAIN Unit, then apply a 4.20 ±0.05 V DC voltage to pin 3 of J1006, and 0.84 ±0.05 V DC to pin 2 of J1006.
- ❒ Set the MIC GAIN to "Minimum".
- ❒ Press and hold in the [A=B], [A/B], and [FAST] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “21-01 SWR-MTR1.5 1.8".
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob so that the SWR meter reading is “1.5”. The SWR meter reading (1.5) is broad (few points). Therefore, set the [CLAR/VFO-B] knob to the center of this broad range.
- ❒ Release the PTT button.
- ❒ Apply a 4.20 ±0.05 V DC voltage to pin 3 of J1006, and 1.40 ±0.05 V DC to pin 2 of J1006.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “21-02 SWR-MTR2.0 1.8".
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob so that the SWR meter reading is “2.0.” The SWR meter reading (2.0) is broad (few points). Therefore, set the [CLAR/VFO-B] knob to the center of this broad range.
- ❒ Release the PTT button.
- ❒ Apply a 4.20 ±0.05 V DC voltage to pin 3 of J1006, and 2.10 ±0.05 V DC to pin 2 of J1006.
- ❒ Rotate the [MULTI] Dial knob to select the alignment menu item to “21-03 SWR-MTR3.0 1.8".
- ❒ Press and hold the PTT button, then rotate the [CLAR/VFO-B] knob so that the SWR meter reading is “3.0.” The SWR meter reading (3.0) is broad (few points). Therefore, set the [CLAR/VFO-B] knob to the center of this broad range.
- ❒ Release the PTT button.
- ❒ Perform the same procedures for the Alignment Menus “21-05 SWR-MTR1.5 14” through “21-07 SWR-MTR3.0 14”, “21-09 SWR-MTR1.5 50” through “21-11 SWR-MTR3.0 50”, “21-13 SWR-MTR1.5 144” through “21-15 SWR-MTR3.0 144” and “21-17 SWR-MTR1.5 430” through “21-19 SWR-MTR3.0 430”.

Note: Please do not change the Alignment Menus “21-04 SWR-MTR CO 1.8”, “21-08 SWRMTR CO 14”, “21-12 SWRMTR CO 50”, “21-16 SWRMTR CO 144” and “21-20 SWR-MTR CO 430”.
These parameters are always 128.

- ❒ Press and hold in the [MENU(SETUP)] button for one second to save the new setting and exit the alignment mode.
- ❒ Connect the 3-pin plug to J1006 on the MAIN Unit.

Important Notice: If it will be in a transceiver transmitting state, without connecting the 3-pin plug to J1006, there is a possibility that a final transistor may break.

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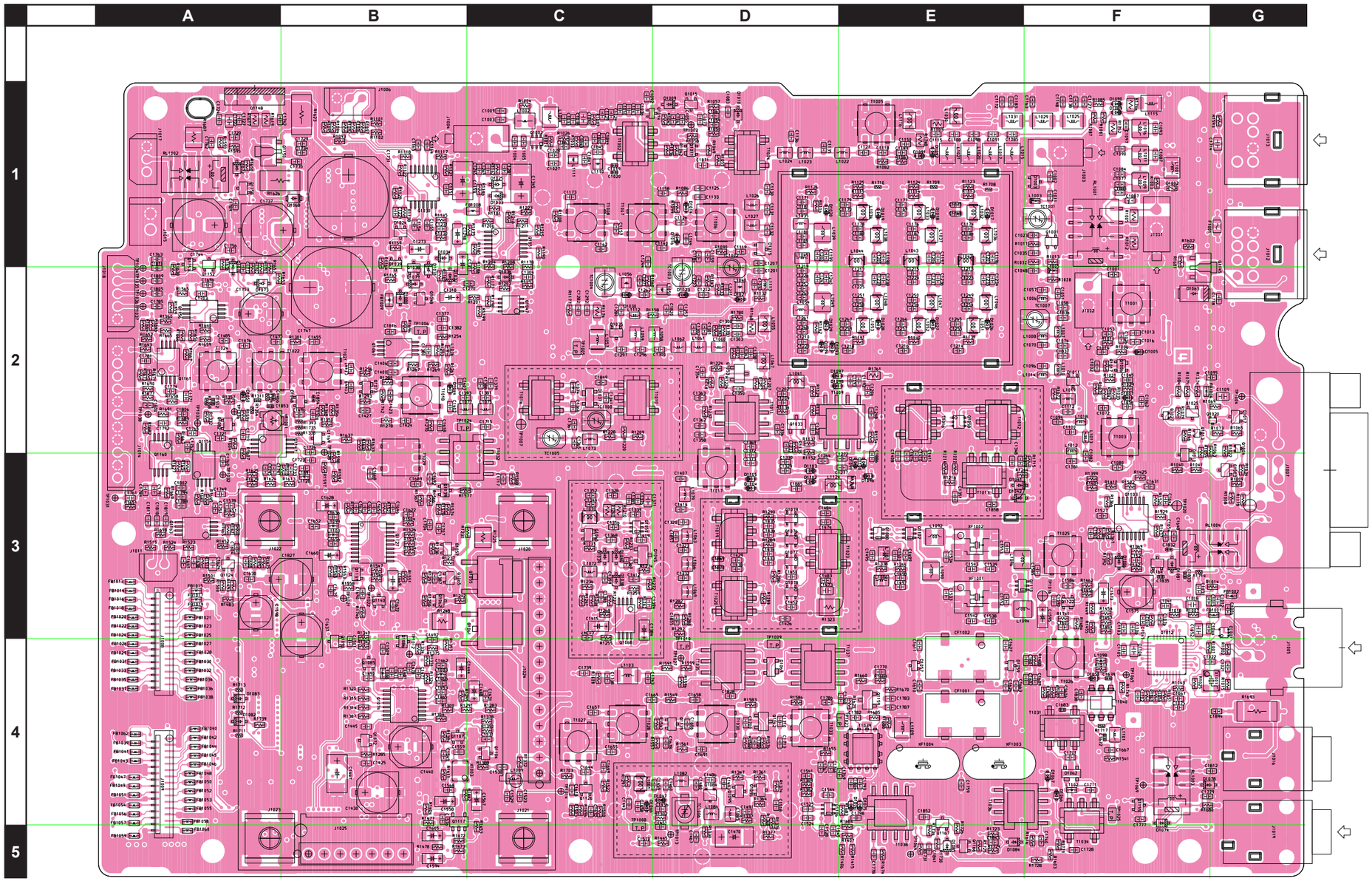
3.3V
5V
9V
13.8V
RX9
TX9
PLL-UNIT
3.3V
5V
9V
13.8V
RX9
TX9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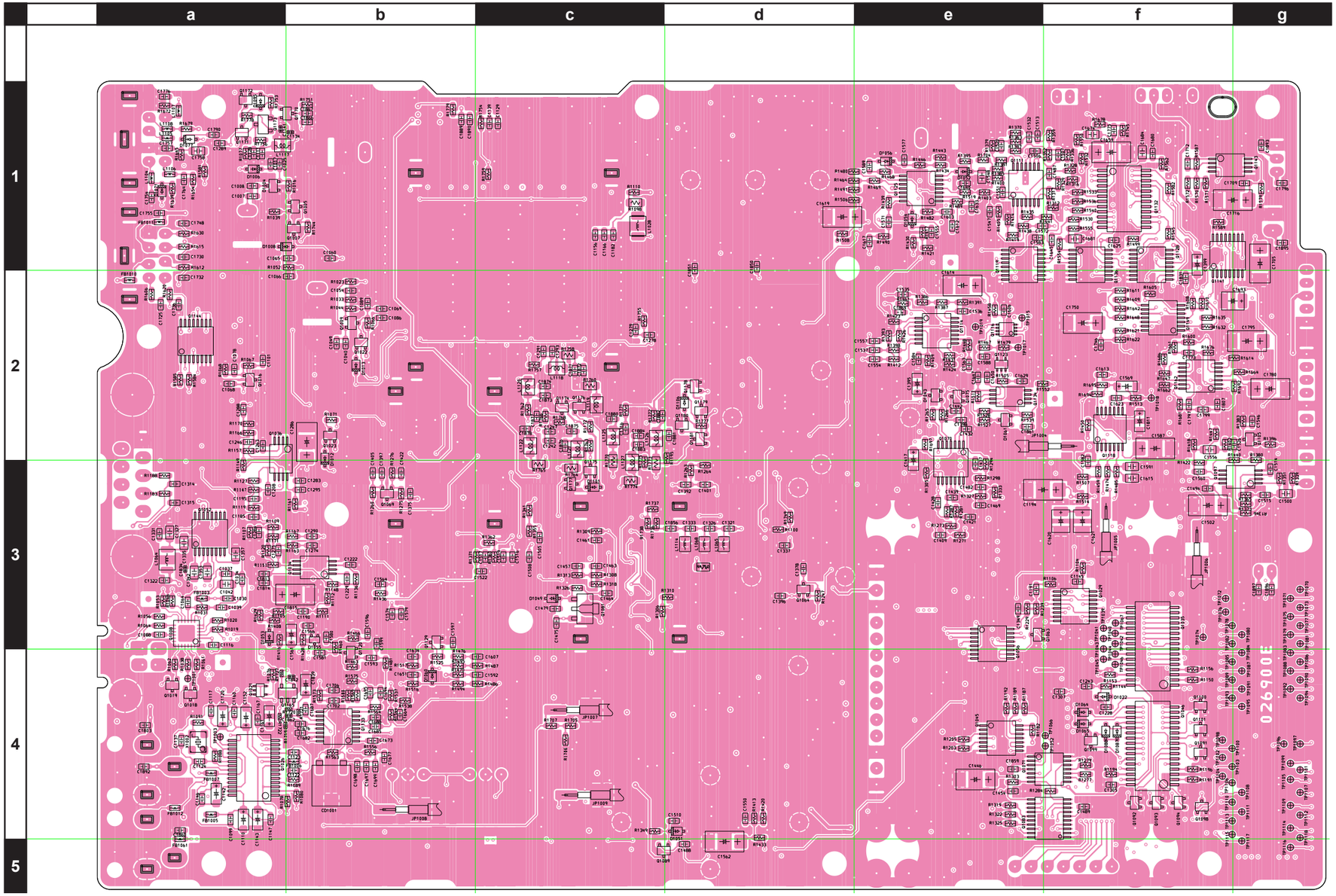
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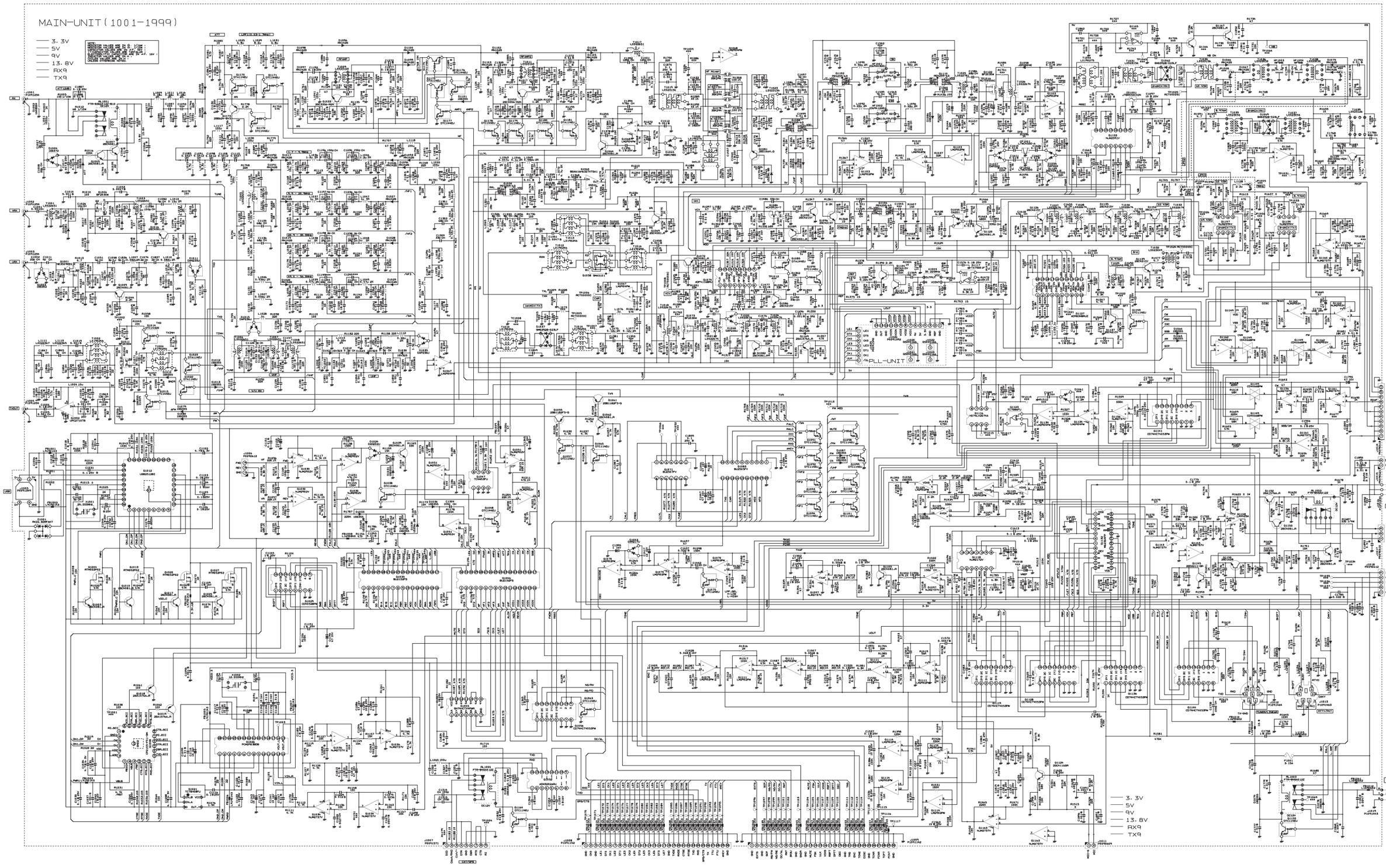
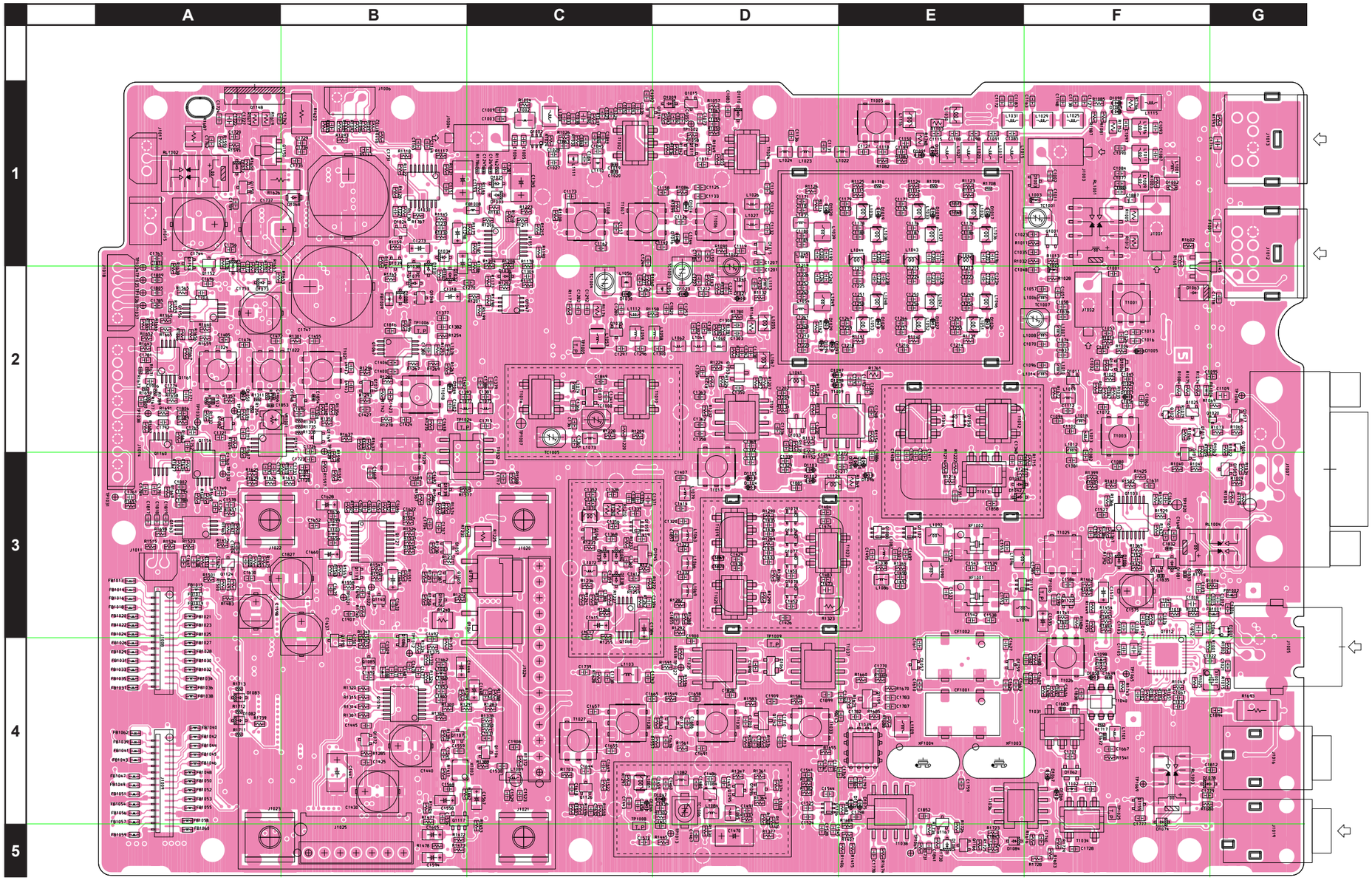

MAIN-UNIT(1001-1999)
3.3V
5V
9V
13.8V
RX9
TX9
PLL-UNIT
3.3V
5V
9V
13.8V
RX9
TX9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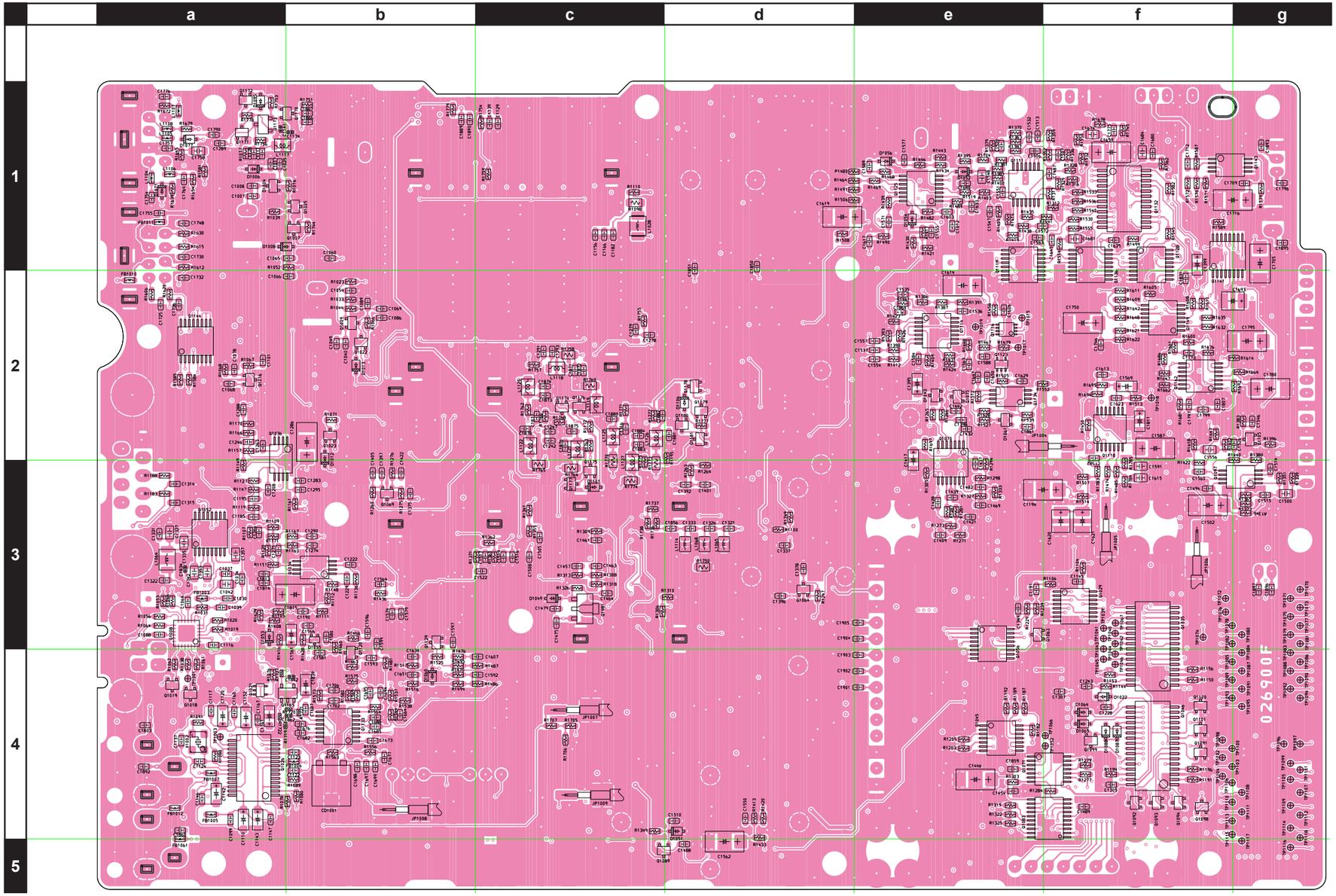
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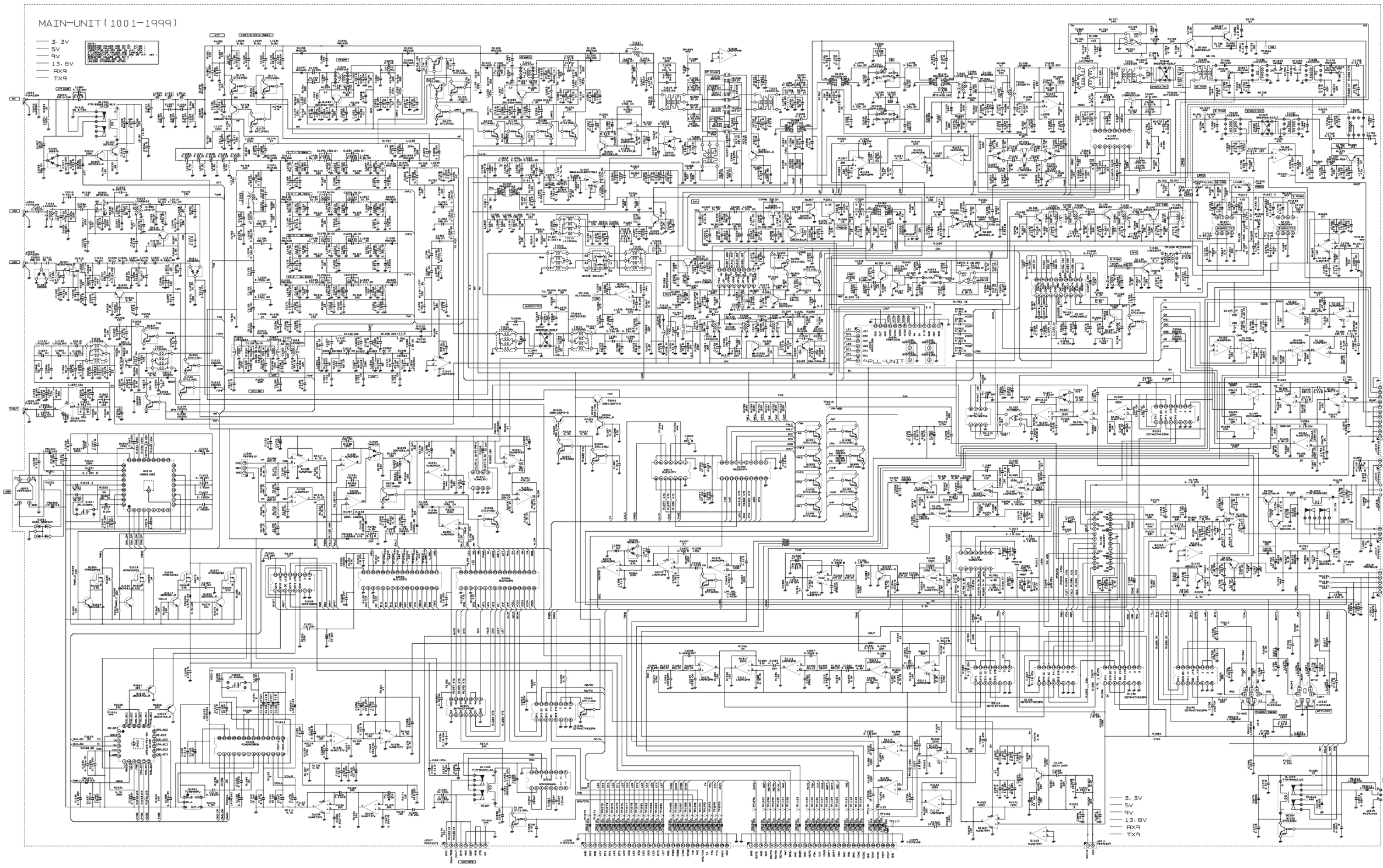
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13.8V
RX9
TX9
PLL-UNIT
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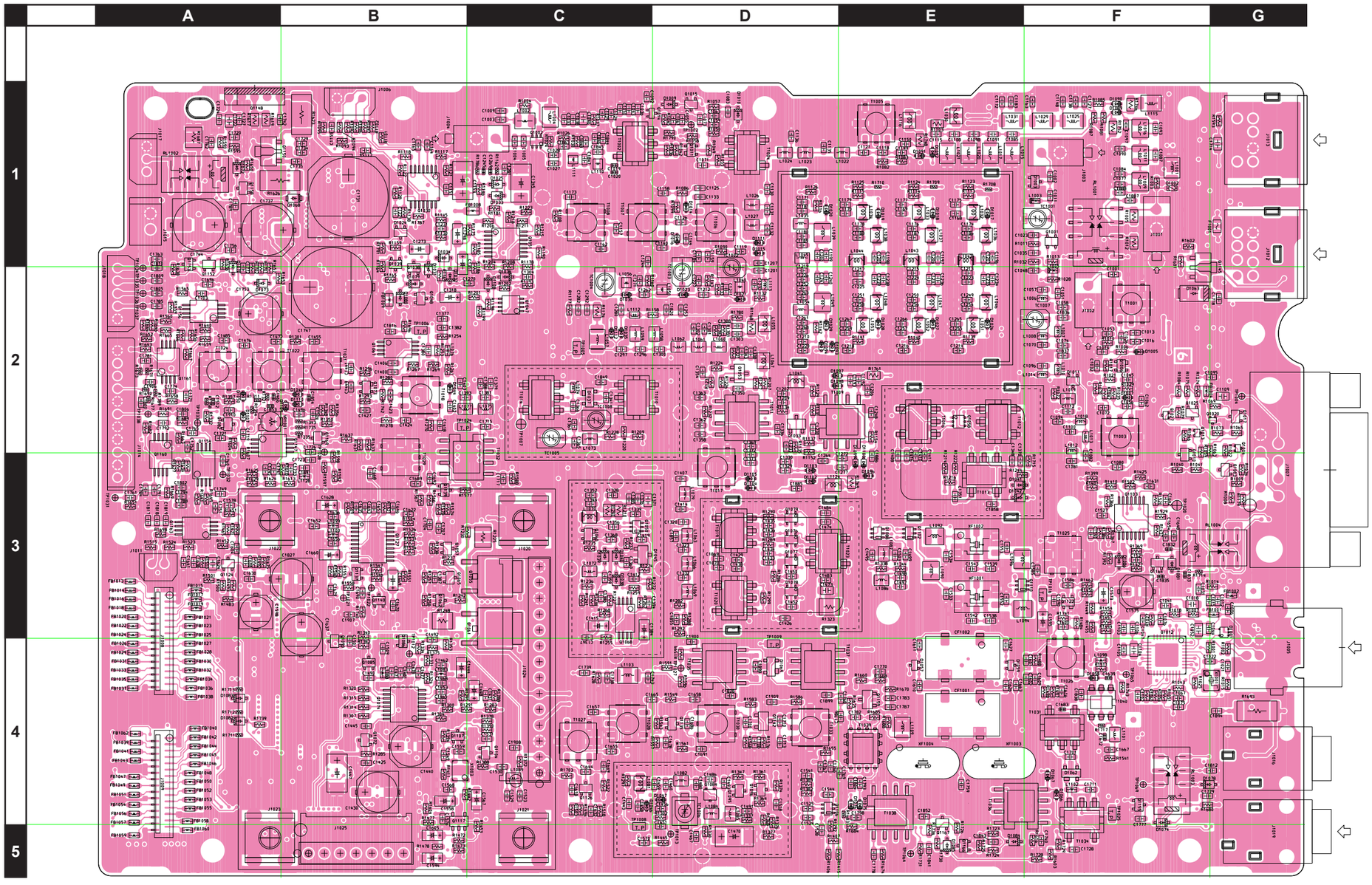
9V
13.8V
RX9
TX9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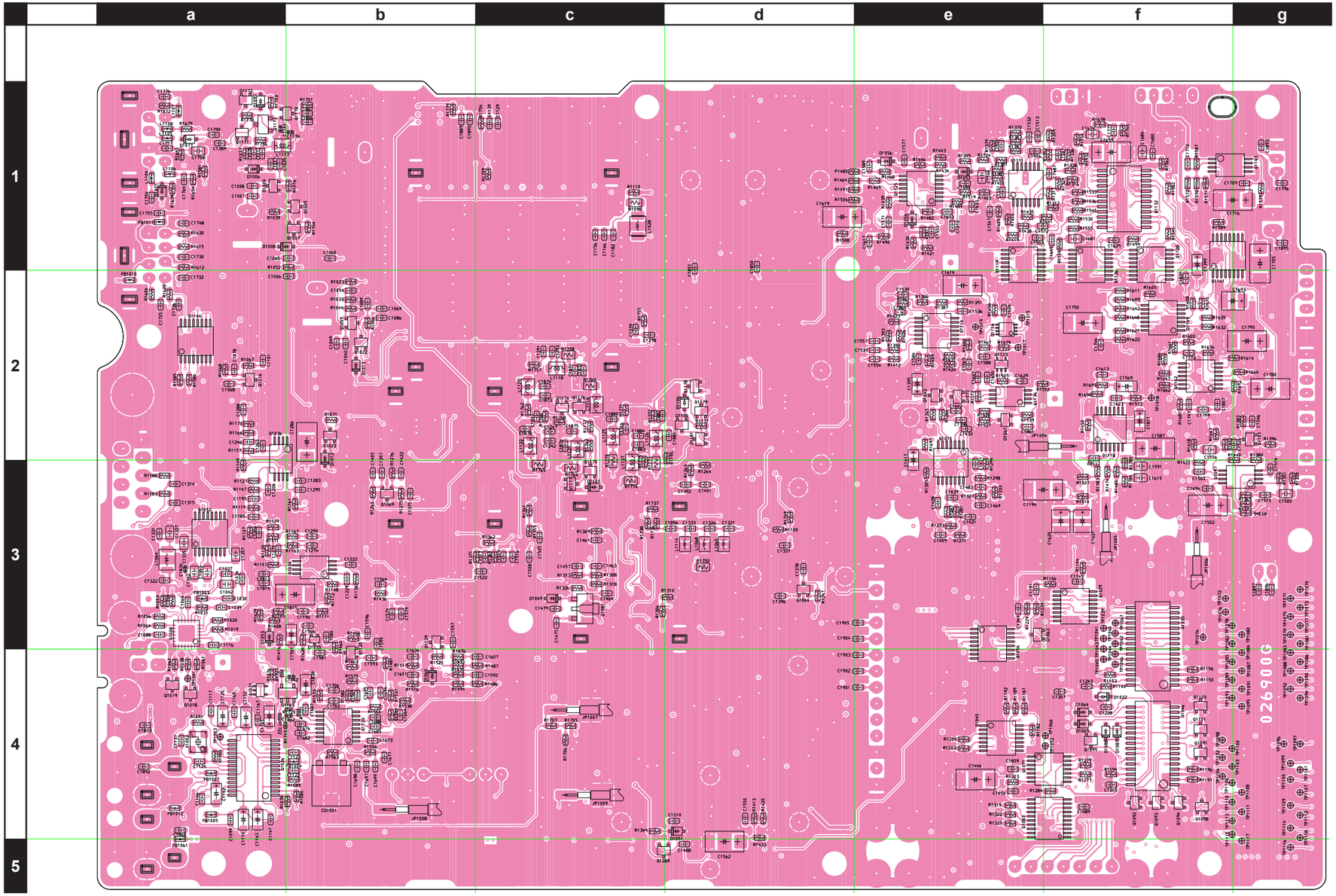
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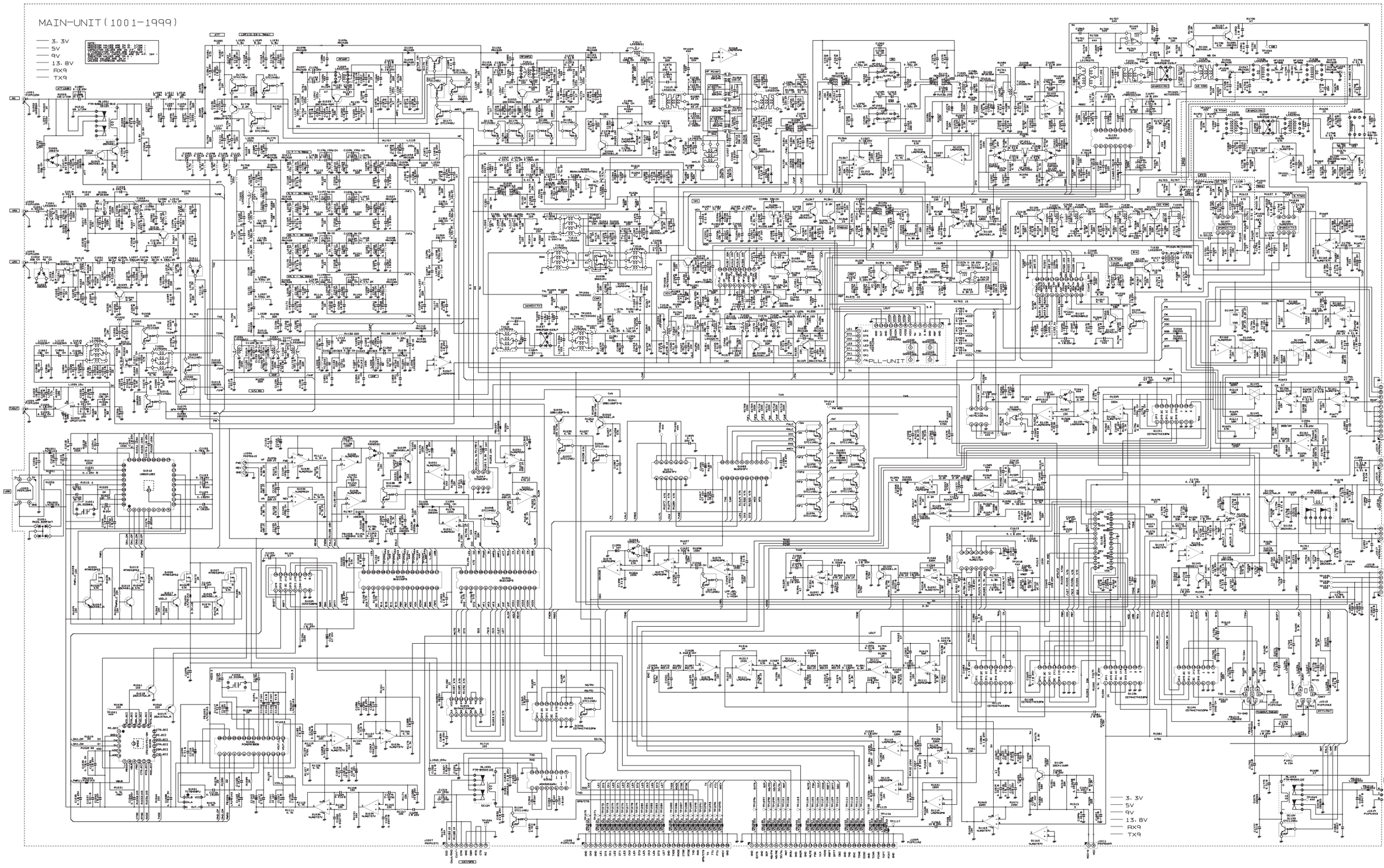
MAIN-UNIT(1001-1999)
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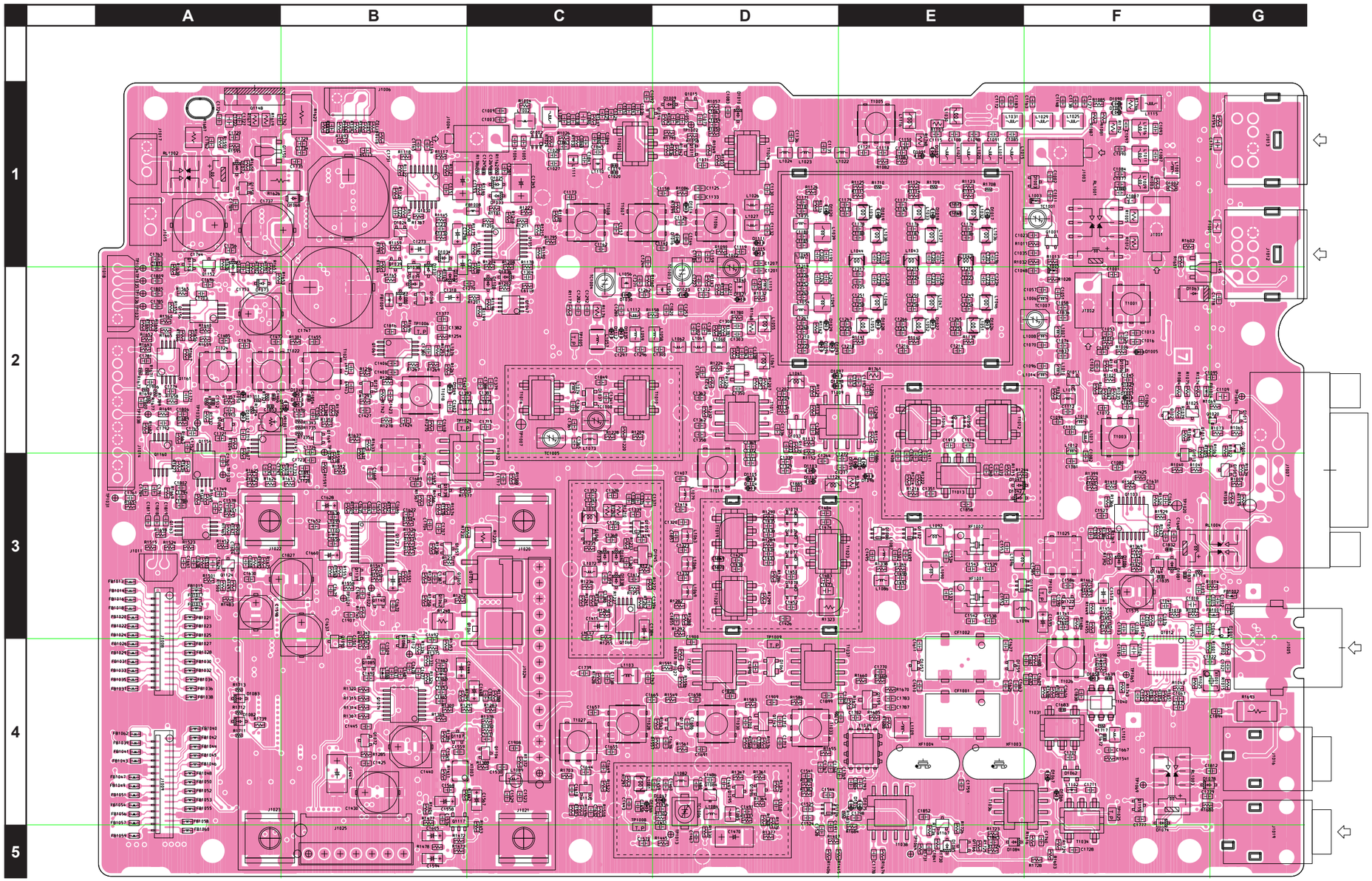
9V
13.8V
RX9
TX9
PLL-UNIT
3.3V
5V
9V
13.8V
RX9
TX9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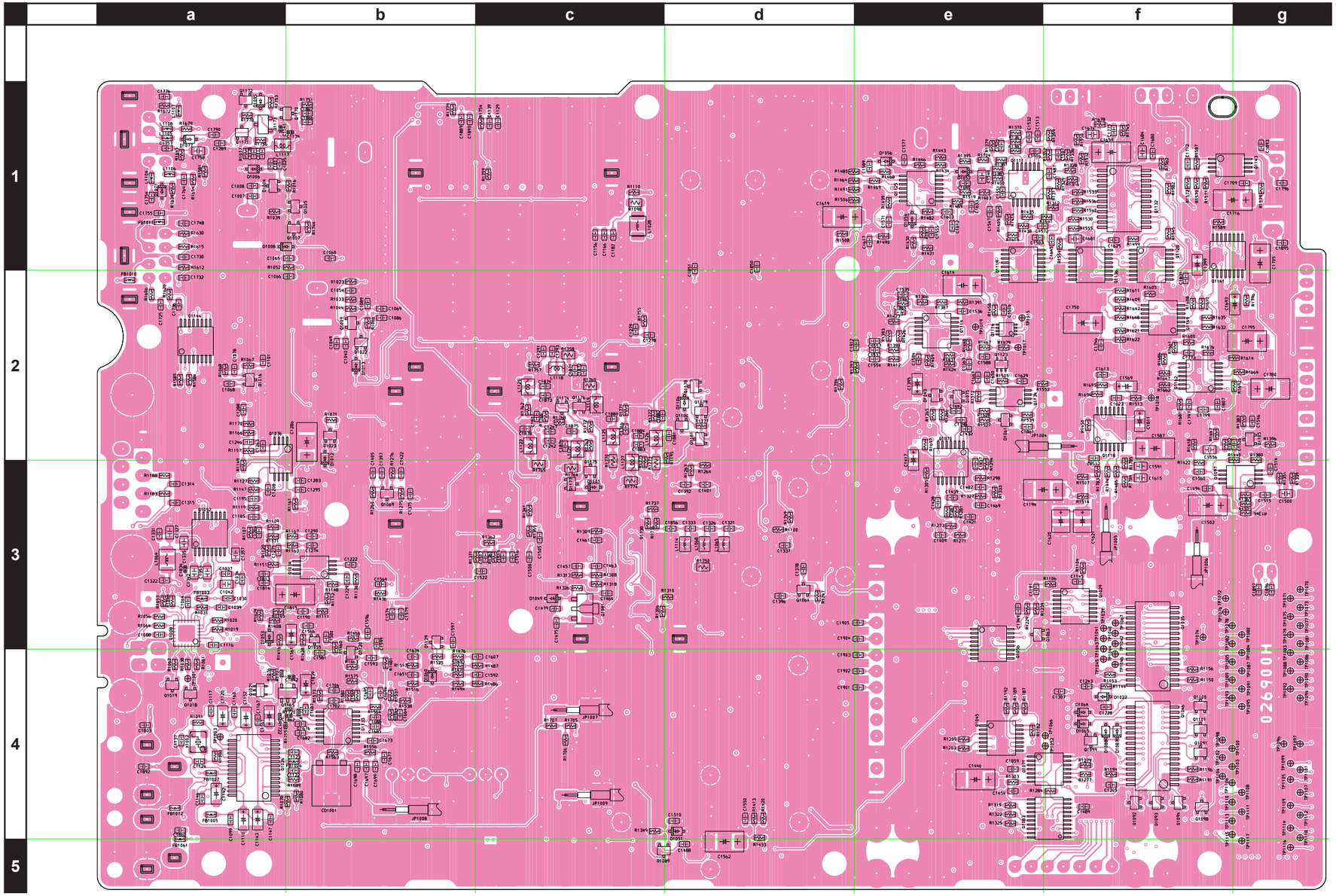
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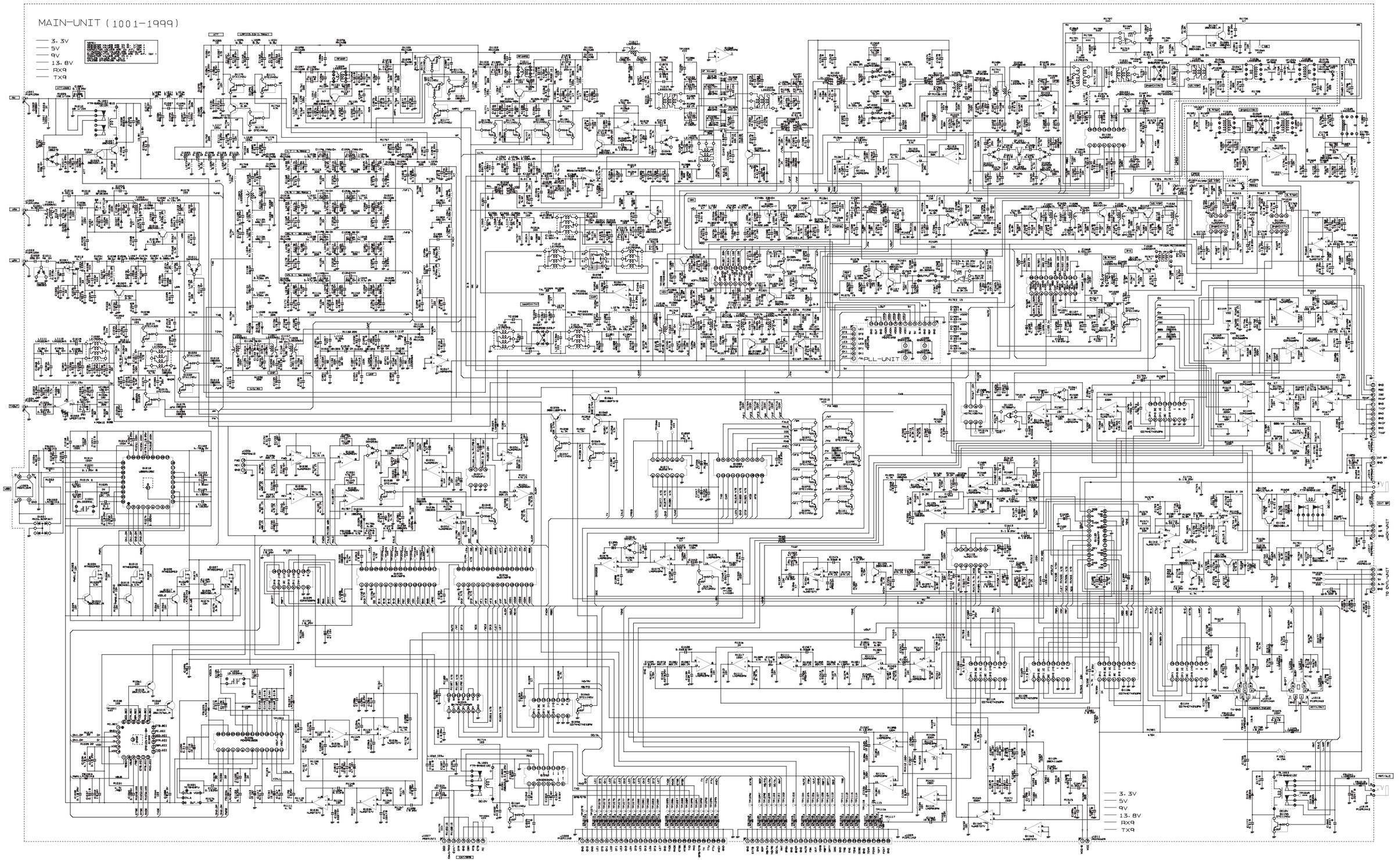
MAIN-UNIT (1001-1999)
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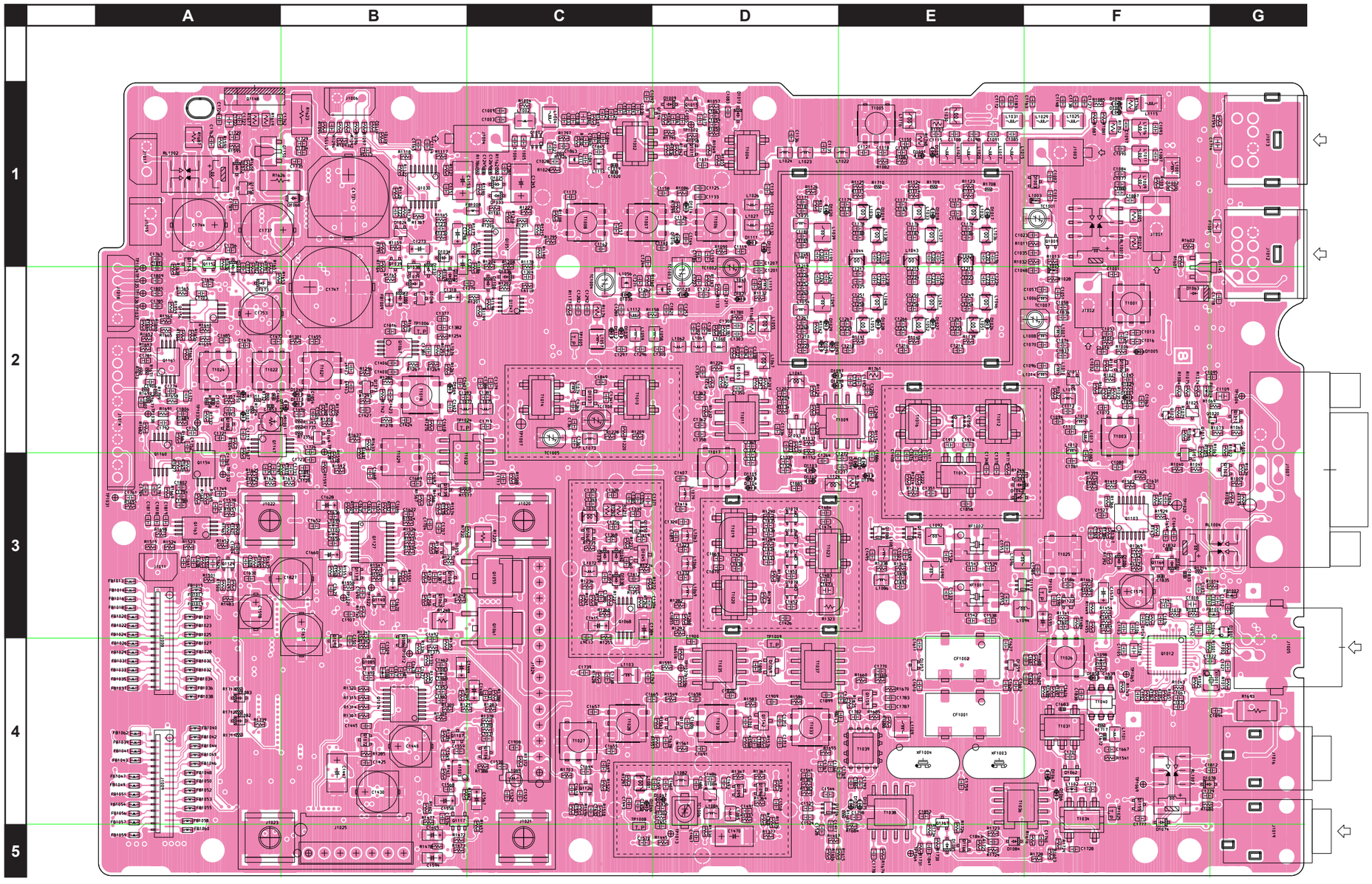
9V
13.8V
RX9
TX9
PLL-UNIT
3.3V
5V
9V
13.8V
RX9
TX9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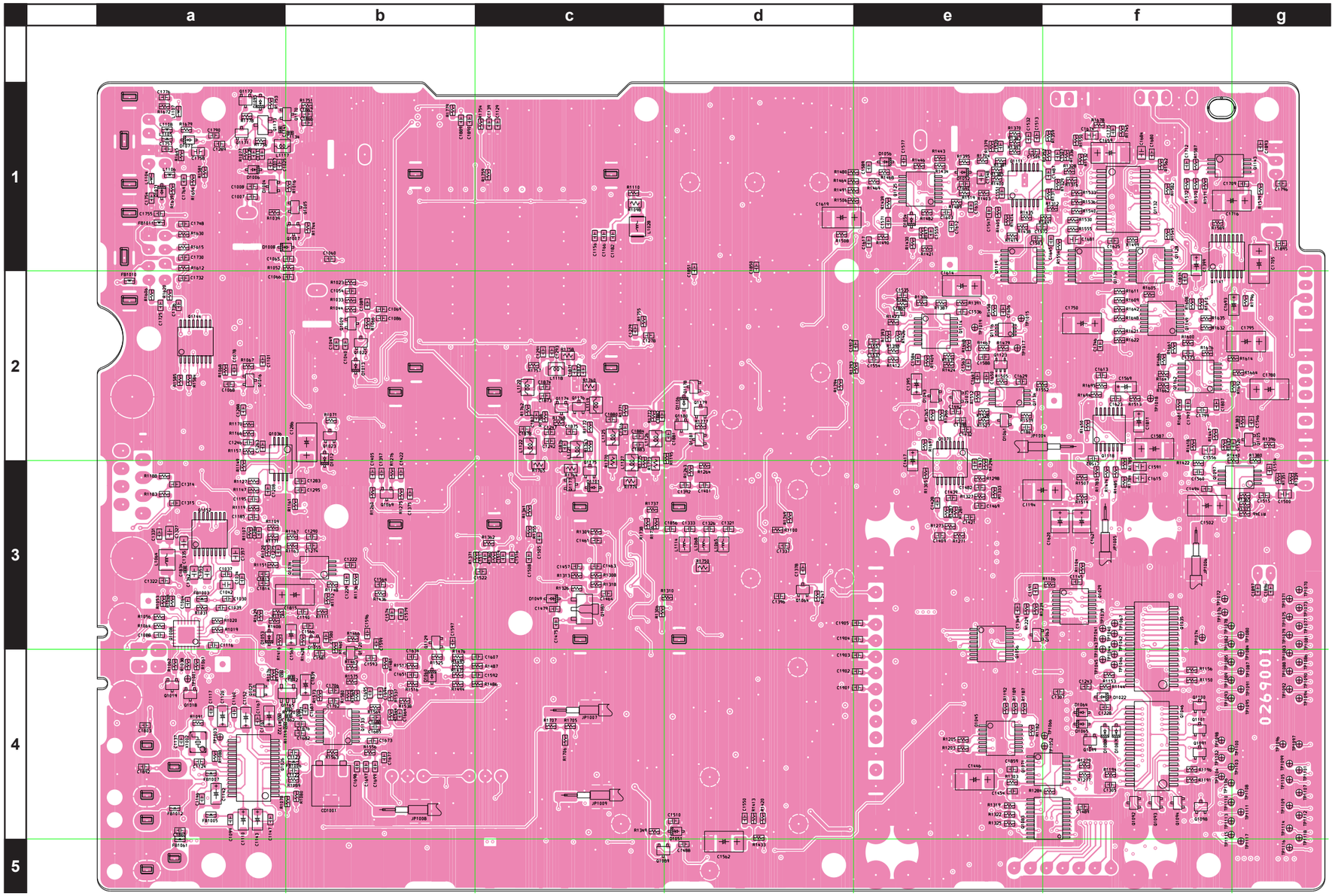
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REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CS2343701※				
C 1001	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	F2
C 1002	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	F1
C 1003	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	C1
C 1004	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	C1
C 1005	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	C1
C 1006	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F3
C 1007	CHIP CAP.	2pF	200V	CK	GRM1884C2D2R0CV01D	K22234204		1-	B	b1
C 1008	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	B	b1
C 1009	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C1
C 1011	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CA01D	K22174205		1-	A	F1
C 1012	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F3
C 1013	CHIP CAP.	1pF	50V	CK	GRM1884C1H1R0BA01D	K22174267		1-2	A	F2
C 1014	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F2
C 1015	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F3
C 1016	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	F2
C 1017	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	B	b1
C 1018	CHIP CAP.	1uF	16V	B	GRM21BB11C105KA01L	K22120809		1-	A	F3
C 1019	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	C1
C 1020	CHIP CAP.	0.1uF	25V	B	GRM155B31E104KA87D	K22148838		1-	A	C1
C 1021	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CA01D	K22174206		1-	A	F4
C 1022	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CA01D	K22174206		1-	A	F4
C 1023	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	E1
C 1024	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C1
C 1025	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	b1
C 1026	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	F2
C 1026	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		3-	A	F2
C 1027	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	C1
C 1028	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	C1
C 1029	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	C1
C 1030	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	a3
C 1031	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F3
C 1032	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	A	F2
C 1033	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C1
C 1034	CHIP CAP.	4.7uF	6.3V	B	JMK107BJ475MA-T	K22084803		1-	B	a3
C 1035	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	E1
C 1036	CHIP CAP.	1uF	10V	B	GRM188B11A105KA61D	K22104808		1-	A	C1
C 1037	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	a3
C 1038	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 1039	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	a3
C 1040	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	b2
C 1041	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F3
C 1042	CHIP CAP.	1uF	16V	B	GRM21BB11C105KA01L	K22120809		1-	B	a3
C 1043	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	C1
C 1044	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F3
C 1045	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F2
C 1046	CHIP CAP.	10uF	25V	B	CM21X5R106K25AT	K22148837		1-	A	C1
C 1047	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F3
C 1048	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	E1
C 1049	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b2
C 1050	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C1
C 1051	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CA01D	K22174205		1-	A	F2
C 1052	CHIP CAP.	1uF	16V	B	GRM21BB11C105KA01L	K22120809		1-	A	F3
C 1053	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	A	F2
C 1054	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	b2
C 1055	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D1
C 1056	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	F2
C 1057	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	E2
C 1058	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CA01D	K22174204		1-	A	F2
C 1059	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D1
C 1060	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b1
C 1061	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 1062	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CA01D	K22174204		1-	A	F2
C 1063	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 1064	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	a3
C 1065	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b1
C 1066	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b2
C 1067	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F4
C 1068	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a2
C 1069	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b2
C 1070	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	E2
C 1071	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	D1
C 1072	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	A	F2
C 1073	CHIP CAP.	1uF	25V	B	GRM188B31E105KA75D	K22144815		1-	A	D1
C 1074	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0BA01D	K22174272		1-	A	F2

※ Please contact YAESU when replacing the MAIL-UNIT.

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1075	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F4
C 1076	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F3
C 1077	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	F1
C 1078	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	a2
C 1080	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	F3
C 1081	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	F2
C 1082	CHIP CAP.	9pF	50V	CH	GRM1882C1H9R0CA01D	K22174247		1-	A	F2
C 1083	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D1
C 1084	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	F1
C 1085	CHIP CAP.	0.0027uF	50V	CH	GRM1882C1H272JA01D	K22174280		1-	A	E1
C 1086	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	B	b2
C 1088	CHIP CAP.	4.7uF	6.3V	B	JMK107BJ475MA-T	K22084803		1-	B	a3
C 1089	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	b2
C 1090	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	F1
C 1091	CHIP CAP.	0.0012uF	50V	CH	GRM1882C1H122JA01D	K22174276		1-	A	E1
C 1092	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 1094	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	A	F2
C 1095	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F2
C 1096	CHIP CAP.	1pF	50V	CK	GRM1884C1H1R0CA01D	K22174202		1-	A	E2
C 1097	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	F1
C 1098	CHIP CAP.	0.0012uF	50V	CH	GRM1882C1H122JA01D	K22174276		1-	A	E1
C 1099	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a4
C 1100	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	F2
C 1101	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b2
C 1102	CHIP CAP.	4.7uF	6.3V	B	JMK107BJ475MA-T	K22084803		1-	A	F4
C 1103	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F3
C 1104	CHIP CAP.	1uF	16V	B	GRM21BB11C105KA01L	K22120809		1-	A	F3
C 1105	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F3
C 1106	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F3
C 1108	CHIP CAP.	0.0012uF	50V	CH	GRM1882C1H122JA01D	K22174276		1-	A	E1
C 1109	CHIP CAP.	1uF	16V	B	GRM21BB11C105KA01L	K22120809		1-	A	F2
C 1110	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	B	a4
C 1111	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	b1
C 1112	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	F2
C 1115	CHIP CAP.	0.0027uF	50V	CH	GRM1882C1H272JA01D	K22174280		1-	A	E1
C 1116	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	a3
C 1117	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a4
C 1118	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	E1
C 1119	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D1
C 1120	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	B	a4
C 1121	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	E1
C 1122	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	b4
C 1123	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	b4
C 1124	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	B	a4
C 1125	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	D1
C 1126	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0BA01D	K22174272		1-	A	D1
C 1127	CHIP CAP.	180pF	50V	CH	GRM1882C1H181JA01D	K22174241		1-	A	F1
C 1128	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b1
C 1129	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c1
C 1130	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	D1
C 1131	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	D1
C 1132	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	D1
C 1133	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CA01D	K22174204		1-	A	D1
C 1134	CHIP CAP.	0.1uF	25V	B	GRM155B31E104KA87D	K22148838		1-	B	b1
C 1135	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	D1
C 1136	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	D1
C 1137	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	B	a4
C 1138	CHIP CAP.	0.0018uF	50V	CH	GRM1882C1H182JA01D	K22174278		1-	A	F1
C 1139	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c1
C 1140	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CA01D	K22174204		1-	A	C1
C 1141	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b1
C 1142	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	B	a4
C 1143	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	B	b4
C 1144	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	D1
C 1145	CHIP CAP.	1uF	25V	B	GRM188B31E105KA75D	K22144815		1-	B	f3
C 1146	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a4
C 1147	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b4
C 1148	CHIP CAP.	0.0039uF	50V	CH	GRM1882C1H392JA01D	K22174282		1-	A	F1
C 1149	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	E1
C 1150	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	E1
C 1151	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 1152	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	B	a4
C 1153	CHIP TA.CAP.	47uF	16V		TMCMC1C476MTRF	K78120057		1-	A	B1
C 1154	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	B1
C 1155	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	B1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1156	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c1
C 1157	CHIP CAP.	6pF	50V	CH	GRM1882C1H6R0DA01D	K22174207		1-	A	C1
C 1158	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C1
C 1159	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D1
C 1160	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a4
C 1161	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	B	b4
C 1162	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	C1
C 1163	CHIP CAP.	0.0039uF	50V	CH	GRM1882C1H392JA01D	K22174282		1-	A	E1
C 1164	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	B1
C 1165	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	B1
C 1166	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c1
C 1167	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b4
C 1168	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	E1
C 1169	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	E1
C 1170	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D1
C 1171	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D1
C 1172	CHIP CAP.	0.0018uF	50V	CH	GRM1882C1H182JA01D	K22174278		1-	A	E1
C 1173	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C1
C 1174	CHIP CAP.	180pF	50V	CH	GRM1882C1H181JA01D	K22174241		1-	A	E1
C 1175	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E1
C 1176	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	E1
C 1177	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E1
C 1178	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	D1
C 1179	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 1180	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	D1
C 1181	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 1182	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	c1
C 1183	CHIP CAP.	180pF	50V	CH	GRM1882C1H181JA01D	K22174241		1-	A	E1
C 1184	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 1185	CHIP CAP.	1uF	25V	B	GRM188B31E105KA75D	K22144815		1-	B	b3
C 1186	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	E1
C 1188	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CA01D	K22174205		1-	A	D1
C 1190	CHIP CAP.	1uF	25V	B	GRM188B31E105KA75D	K22144815		1-	B	b3
C 1191	CHIP CAP.	1uF	25V	B	GRM188B31E105KA75D	K22144815		1-	B	f3
C 1192	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D2
C 1193	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 1194	CHIP TA.CAP.	47uF	16V		TAJC476M016RNJ	K78120125		1-	B	f3
C 1195	CHIP CAP.	0.0056uF	50V	B	GRM188B11H562KA01D	K22174818		1-	B	b3
C 1196	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	E1
C 1197	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CA01D	K22174205		1-	A	E1
C 1198	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CA01D	K22174203		1-	A	E1
C 1200	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	D1
C 1201	CHIP CAP.	1.5pF	50V	CK	GRM1884C1H1R5CA01D	K22174258		1-	A	D1
C 1202	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D2
C 1203	CHIP CAP.	0.0015uF	50V	CH	GRM1882C1H152JA01D	K22174277		1-	A	E1
C 1204	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	E1
C 1205	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	E1
C 1208	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174833		1-	B	b3
C 1209	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D2
C 1210	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D2
C 1211	CHIP CAP.	6pF	50V	CH	GRM1882C1H6R0DA01D	K22174207		1-	A	D2
C 1212	CHIP CAP.	0.5pF	50V	CK	GRM1884C1HR50BA01D	K22174265		1-	A	D2
C 1213	CHIP CAP.	560pF	50V	CH	GRM1882C1H561JA01D	K22174273		1-	A	E2
C 1214	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	E2
C 1215	CHIP CAP.	390pF	50V	CH	GRM1882C1H391JA01D	K22174255		1-	A	E2
C 1216	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	E2
C 1217	CHIP CAP.	390pF	50V	CH	GRM1882C1H391JA01D	K22174255		1-	A	D2
C 1218	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D2
C 1219	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	D1
C 1220	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D2
C 1221	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	B1
C 1222	CHIP CAP.	0.0027uF	50V	CH	GRM1882C1H272JA01D	K22174280		1-	B	b3
C 1223	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	E2
C 1224	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	E2
C 1225	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	D2
C 1226	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	D2
C 1227	CHIP CAP.	6pF	50V	CH	GRM1882C1H6R0DA01D	K22174207		1-	A	D2
C 1228	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	f4
C 1229	CHIP CAP.	0.012uF	50V	B	GRM188B11H123KA01D	K22174825		1-	B	b3
C 1230	CHIP CAP.	9pF	50V	CH	GRM1882C1H9R0DA01D	K22174210		1-	A	D2
C 1231	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	B1
C 1232	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D2
C 1233	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D2
C 1234	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	E2
C 1235	CHIP CAP.	0.0015uF	50V	CH	GRM1882C1H152JA01D	K22174277		1-	A	E2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1236	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CA01D	K22174205		1-	A	E2
C 1237	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	E2
C 1238	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CA01D	K22174203		1-	A	E2
C 1239	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	E2
C 1241	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	D2
C 1242	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	c2
C 1243	CHIP CAP.	1uF	25V	B	GRM188B31E105KA75D	K22144815		1-	B	f4
C 1244	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	C1
C 1245	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 1245	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		3-	A	C1
C 1246	CHIP CAP.	0.012uF	50V	B	GRM188B11H123KA01D	K22174825		1-	B	a2
C 1247	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c2
C 1248	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 1249	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	E2
C 1251	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CA01D	K22174205		1-	A	D2
C 1253	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D2
C 1254	CHIP CAP.	180pF	50V	CH	GRM1882C1H181JA01D	K22174241		1-	A	E2
C 1255	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 1256	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	E2
C 1257	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 1258	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	D2
C 1259	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 1260	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	D2
C 1261	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 1262	CHIP CAP.	0.5pF	50V	CK	GRM1884C1HR50BA01D	K22174265		1-	A	C2
C 1263	CHIP CAP.	0.0027uF	50V	CH	GRM1882C1H272JA01D	K22174280		1-	B	b2
C 1265	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	E2
C 1266	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	E2
C 1267	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D2
C 1268	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D2
C 1269	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 1269	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		3-	A	C1
C 1270	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 1271	CHIP CAP.	6pF	50V	CH	GRM1882C1H6R0DA01D	K22174207		1-	A	C2
C 1272	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 1273	CHIP TA.CAP.	0.47uF	25V		TMCSA1E474MTRF	K78140009		1-	A	B1
C 1274	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174833		1-	B	b3
C 1275	CHIP CAP.	0.0056uF	50V	B	GRM188B11H562KA01D	K22174818		1-	B	b3
C 1277	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D3
C 1278	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	d2
C 1279	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c2
C 1280	CHIP CAP.	1.5pF	50V	CK	GRM1884C1H1R5CA01D	K22174258		1-	A	C2
C 1281	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	A	C1
C 1282	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 1283	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b3
C 1284	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	b3
C 1286	CHIP TA.CAP.	47uF	16V		TAJC476M016RNJ	K78120125		1-	B	b2
C 1288	CHIP CAP.	1uF	25V	B	GRM188B31E105KA75D	K22144815		1-	B	a2
C 1289	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a1
C 1290	CHIP CAP.	1uF	25V	B	GRM188B31E105KA75D	K22144815		1-	B	b3
C 1291	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c2
C 1292	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 1293	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c2
C 1295	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	b3
C 1296	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	C2
C 1297	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	C2
C 1298	CHIP TA.CAP.	0.47uF	25V		TMCSA1E474MTRF	K78140009		1-	A	B1
C 1300	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	C2
C 1301	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	D2
C 1302	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	D2
C 1303	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 1304	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	C2
C 1305	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	f4
C 1307	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	f4
C 1308	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D2
C 1311	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	B1
C 1314	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	B	a3
C 1315	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	B	a3
C 1316	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c2
C 1318	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	B2
C 1320	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	A	D3
C 1321	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	B	d3
C 1322	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a3
C 1323	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	D3
C 1326	CHIP CAP.	8pF	50V	CH	GRM1882C1H8R0DA01D	K22174209		1-	B	d3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1327	CHIP CAP.	1uF	16V	B	GRM21BB11C105KA01L	K22120809		1-	B	a3
C 1328	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	C3
C 1329	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D3
C 1330	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 1331	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a3
C 1332	CHIP CAP.	36pF	50V	CH	GRM1882C1H360JA01D	K22174224		1-	A	D3
C 1333	CHIP CAP.	8pF	50V	CH	GRM1882C1H8R0DA01D	K22174209		1-	B	d3
C 1335	CHIP CAP.	1uF	16V	B	GRM21BB11C105KA01L	K22120809		1-	B	a3
C 1337	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	d3
C 1338	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D2
C 1339	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C3
C 1342	CHIP CAP.	1uF	16V	B	GRM21BB11C105KA01L	K22120809		1-	B	a3
C 1343	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D2
C 1344	CHIP CAP.	0.0082uF	50V	B	GRM188B11H822KA01D	K22174837		1-	A	C3
C 1345	CHIP TA.CAP.	47uF	16V		TMCMC1C476MTRF	K78120057		1-	A	C1
C 1346	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	A	C3
C 1347	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C3
C 1348	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E3
C 1349	CHIP CAP.	1uF	25V	B	GRM188B31E105KA75D	K22144815		1-	B	e3
C 1350	CHIP CAP.	9pF	50V	CH	GRM1882C1H9R0DA01D	K22174210		1-	A	D2
C 1351	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	A	E3
C 1353	CHIP CAP.	1uF	16V	B	GRM21BB11C105KA01L	K22120809		1-	B	a3
C 1354	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D2
C 1356	CHIP CAP.	0.0082uF	50V	B	GRM188B11H822KA01D	K22174837		1-	A	C3
C 1357	CHIP CAP.	1uF	16V	B	GRM21BB11C105KA01L	K22120809		1-	B	a3
C 1358	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D2
C 1359	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C3
C 1360	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C3
C 1362	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D2
C 1363	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 1366	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CA01D	K22174205		1	A	C2
C 1368	CHIP CAP.	0.0082uF	50V	B	GRM188B11H822KA01D	K22174837		1-	A	C3
C 1370	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 1371	CHIP CAP.	10uF	25V	B	CM21X5R106K25AT	K22148837		1-	A	C3
C 1372	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 1373	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D2
C 1375	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b3
C 1376	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C3
C 1377	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B2
C 1378	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	d3
C 1379	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	C2
C 1380	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	B2
C 1382	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 1384	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	C3
C 1385	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C3
C 1387	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	B3
C 1388	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	C2
C 1392	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	B	d3
C 1394	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	C3
C 1395	CHIP TA.CAP.	1uF	16V		TMCSA1C105MTRF	K78120009		1-	B	e2
C 1396	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	d3
C 1397	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b3
C 1398	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	e2
C 1399	CHIP TA.CAP.	1uF	35V		TMCMA1V105MTRF	K78160032		1-	B	f1
C 1400	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B2
C 1401	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	B	d3
C 1402	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	B2
C 1403	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	B2
C 1405	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	b3
C 1407	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	D3
C 1408	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E2
C 1409	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	e3
C 1410	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E2
C 1411	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 1412	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C3
C 1414	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	D3
C 1415	CHIP TA.CAP.	1uF	35V		TMCMA1V105MTRF	K78160032		1-	A	C3
C 1416	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 1417	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	B	e2
C 1418	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 1419	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	C3
C 1421	CHIP CAP.	0.027uF	25V	B	GRM188B11E273KA01D	K22144810		1-	B	e3
C 1422	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	b3
C 1423	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	B2
C 1423	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		3-	A	B2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1424	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 1425	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B4
C 1427	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B2
C 1428	CHIP CAP.	0.068uF	16V	B	GRM188B11C683KA01D	K22124808		1-	B	e3
C 1429	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D3
C 1430	AL.ELECTRO.CAP.	100uF	16V		EEE1CA101WP	K48120012		1-	A	B4
C 1431	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C4
C 1432	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	e2
C 1433	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D3
C 1434	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	D3
C 1435	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	D3
C 1436	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D3
C 1437	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	B	e2
C 1438	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D3
C 1439	CHIP CAP.	0.0039uF	50V	CH	GRM1882C1H392JA01D	K22174282		1-	B	e3
C 1440	AL.ELECTRO.CAP.	100uF	16V		EEE1CA101WP	K48120012		1-	A	B4
C 1441	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	B2
C 1441	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		4-	A	B2
C 1442	CHIP CAP.	0.0033uF	50V	CH	GRM1882C1H332JA01D	K22174281		1-	B	e2
C 1443	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C4
C 1444	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	B4
C 1445	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B4
C 1446	CHIP TA.CAP.	47uF	16V		TAJC476M016RNJ	K78120125		1-	B	e4
C 1447	CHIP TA.CAP.	47uF	16V		TAJC476M016RNJ	K78120125		1-	A	B4
C 1448	CHIP TA.CAP.	0.1uF	35V		TMCSA1V104MTRF	K78160025		1-	A	B4
C 1449	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	B2
C 1450	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	D3
C 1451	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C4
C 1452	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	D3
C 1453	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	B4
C 1454	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	e4
C 1455	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 1456	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	C4
C 1457	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c3
C 1458	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	C4
C 1459	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	C4
C 1459	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		4-	A	C4
C 1460	CHIP CAP.	1pF	50V	CK	GRM1884C1H1R0BA01D	K22174267		1-	A	C4
C 1461	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	B	c3
C 1462	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B4
C 1463	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	B	c3
C 1464	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c3
C 1465	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	B4
C 1466	CHIP CAP.	10pF	50V	CH	GRM1552C1H100BA01D	K22178297		1-	A	A2
C 1467	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	A	D4
C 1468	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B4
C 1469	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	B	e3
C 1470	CHIP TA.CAP.	47uF	16V		TMCMC1C476MTRF	K78120057		1-	A	D4
C 1471	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B4
C 1472	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	A2
C 1473	CHIP CAP.	10uF	25V	B	CM21X5R106K25AT	K22148837		1-	A	D3
C 1474	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D3
C 1475	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c3
C 1476	CHIP CAP.	1.5pF	50V	CK	GRM1884C1H1R5CA01D	K22174258		1-	A	A2
C 1476	CHIP CAP.	1pF	50V	CK	GRM1884C1H1R0BA01D	K22174267		3-	A	A2
C 1476	CHIP CAP.	1.5pF	50V	CK	GRM1884C1H1R5CA01D	K22174258		11-	A	A2
C 1477	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B4
C 1478	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B4
C 1479	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c3
C 1480	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	D4
C 1481	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B4
C 1482	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	e3
C 1483	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D3
C 1484	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 1485	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	A2
C 1486	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	D4
C 1487	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	f1
C 1488	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	d4
C 1489	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	f4
C 1490	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B4
C 1491	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	D4
C 1492	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	B3
C 1493	CHIP CAP.	1pF	50V	CK	GRM1884C1H1R0BA01D	K22174267		1-	A	D4
C 1494	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	f3
C 1495	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	E3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1496	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B2
C 1497	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CA01D	K22174206		1-	A	E3
C 1498	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	E3
C 1499	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 1500	CHIP CAP.	1uF	25V	B	GRM21BB31E105KA98L	K22140826		1-	B	g3
C 1501	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B3
C 1502	CHIP TA.CAP.	47uF	16V		TAJC476M016RNJ	K78120125		1-	B	f3
C 1503	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CA01D	K22174206		1-	A	E3
C 1504	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 1505	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c3
C 1506	CHIP CAP.	390pF	50V	CH	GRM1882C1H391JA01D	K22174255		1-	B	f1
C 1507	CHIP CAP.	0.0068uF	50V	B	GRM188B11H682KA01D	K22174819		1-	B	f1
C 1508	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c3
C 1509	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B3
C 1510	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	d4
C 1512	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A2
C 1513	CHIP CAP.	0.0027uF	50V	B	GRM188B11H272KA01D	K22174814		1-	B	f1
C 1514	CHIP CAP.	390pF	50V	CH	GRM1882C1H391JA01D	K22174255		1-	B	g3
C 1515	CHIP CAP.	0.0068uF	50V	B	GRM188B11H682KA01D	K22174819		1-	B	g3
C 1516	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	c3
C 1517	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c3
C 1518	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 1519	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c3
C 1520	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	e1
C 1521	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F3
C 1522	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c3
C 1523	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	C4
C 1524	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D4
C 1525	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D4
C 1526	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	g2
C 1527	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F3
C 1528	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 1529	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	C4
C 1530	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C4
C 1531	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C4
C 1532	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	f1
C 1533	CHIP CAP.	8pF	50V	CH	GRM1882C1H8R0DA01D	K22174209		1-	A	E3
C 1534	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	E3
C 1535	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	e2
C 1536	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	e2
C 1537	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	e2
C 1538	CHIP CAP.	1pF	50V	CK	GRM1884C1H1R0BA01D	K22174267		1-	A	E3
C 1539	CHIP CAP.	7pF	50V	CH	GRM1882C1H7R0DA01D	K22174208		1-	A	E3
C 1540	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	F3
C 1541	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 1543	CHIP CAP.	7pF	50V	CH	GRM1882C1H7R0DA01D	K22174208		1-	A	E3
C 1544	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D4
C 1546	CHIP CAP.	0.0027uF	50V	B	GRM188B11H272KA01D	K22174814		1-	B	g2
C 1547	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	e1
C 1548	CHIP CAP.	1uF	25V	B	GRM21BB31E105KA98L	K22140826		1-	B	e1
C 1549	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1	A	B4
C 1549	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CA01D	K22174205		2-	A	B4
C 1550	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	d4
C 1551	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	e1
C 1552	CHIP CAP.	9pF	50V	CH	GRM1882C1H9R0DA01D	K22174210		1-	A	E3
C 1553	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	E3
C 1554	CHIP CAP.	1uF	25V	B	GRM188B31E105KA75D	K22144815		1-	B	e2
C 1555	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	e1
C 1556	CHIP CAP.	1uF	25V	B	GRM21BB31E105KA98L	K22140826		1-	B	f2
C 1557	CHIP CAP.	1uF	25V	B	GRM188B31E105KA75D	K22144815		1-	B	e2
C 1558	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	B4
C 1559	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	B4
C 1560	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	B	f3
C 1561	CHIP TA.CAP.	0.47uF	25V		TMCSA1E474MTRF	K78140009		1-	B	b3
C 1562	CHIP TA.CAP.	47uF	16V		TMCMC1C476MTRF	K78120057		1-	B	d4
C 1563	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	e2
C 1564	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b3
C 1566	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	B	b3
C 1567	CHIP TA.CAP.	1uF	35V		TMCMA1V105MTRF	K78160032		1-	A	B4
C 1568	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B4
C 1569	CHIP TA.CAP.	1uF	25V		TMCMA1E105MTRF	K78140013		1-	B	f2
C 1570	CHIP CAP.	1uF	25V	B	GRM188B31E105KA75D	K22144815		1-	A	C4
C 1572	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	B	f1
C 1574	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	b3
C 1575	AL.ELECTRO.CAP.	47uF	16V		EEE1CA470WR	K48120025		1-	A	F3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1576	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B4
C 1577	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	e1
C 1578	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A3
C 1579	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b3
C 1580	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	b3
C 1581	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b3
C 1582	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	f2
C 1583	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	f1
C 1584	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	e2
C 1585	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	E3
C 1586	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	F3
C 1587	CHIP TA.CAP.	47uF	16V		TMCMC1C476MTRF	K78120057		1-	B	f2
C 1588	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	e2
C 1590	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F3
C 1591	CHIP CAP.	1uF	25V	B	GRM21BB31E105KA98L	K22140826		1-	B	f2
C 1592	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c4
C 1593	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	B	b3
C 1594	CHIP TA.CAP.	1uF	35V		TMCMA1V105MTRF	K78160032		1-	A	B5
C 1595	CHIP TA.CAP.	1uF	25V		TMCMA1E105MTRF	K78140013		1-	A	E3
C 1596	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	b3
C 1597	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c3
C 1598	AL.ELECTRO.CAP.	47uF	16V		EEE1CA470WR	K48120025		1-	A	A3
C 1599	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	b3
C 1600	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	F3
C 1601	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E4
C 1602	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E4
C 1603	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	e1
C 1604	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A3
C 1605	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	B4
C 1606	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	e2
C 1607	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c3
C 1608	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A3
C 1609	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E4
C 1610	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E4
C 1611	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 1612	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	B	e1
C 1613	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	f2
C 1614	CHIP TA.CAP.	47uF	16V		TAJC476M016RNJ	K78120125		1-	B	e2
C 1615	CHIP CAP.	1uF	25V	B	GRM21BB31E105KA98L	K22140826		1-	B	f3
C 1616	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F4
C 1617	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	e1
C 1618	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	C4
C 1619	CHIP TA.CAP.	47uF	16V		TAJC476M016RNJ	K78120125		1-	B	e1
C 1620	CHIP TA.CAP.	220uF	4V		TMCMB0G227MTRF	K78060052		1-	B	f3
C 1621	CHIP TA.CAP.	220uF	4V		TMCMB0G227MTRF	K78060052		1-	B	f3
C 1623	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	f2
C 1624	CHIP CAP.	1uF	25V	B	GRM21BB31E105KA98L	K22140826		1-	A	A3
C 1625	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	f1
C 1626	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E4
C 1627	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 1628	CHIP TA.CAP.	4.7uF	16V		TMCMA1C475MTRF	K78120031		1-	A	B3
C 1629	CHIP CAP.	0.0033uF	50V	B	GRM188B11H332KA01D	K22174815		1-	B	e2
C 1630	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 1631	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F3
C 1632	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C4
C 1633	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	e1
C 1634	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	b3
C 1635	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B3
C 1636	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B3
C 1637	AL.ELECTRO.CAP.	100uF	16V		EEE1CA101WP	K48120012		1-	A	B3
C 1638	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	A	A3
C 1639	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	F4
C 1640	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	e1
C 1641	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	A	A3
C 1642	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	F3
C 1643	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B3
C 1644	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	C4
C 1645	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	f1
C 1646	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	B3
C 1647	CHIP CAP.	1uF	16V	B	C1608JB1C105KT	K22124813		1-	B	e2
C 1648	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F3
C 1649	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C4
C 1650	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	e2
C 1651	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	b4
C 1652	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1653	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B3
C 1654	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F3
C 1655	CHIP CAP.	1pF	50V	CK	GRM1884C1H1R0BA01D	K22174267		1-	A	C4
C 1656	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B3
C 1657	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	C4
C 1658	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 1659	CHIP TA.CAP.	47uF	16V		TMCMC1C476MTRF	K78120057		1-	B	f1
C 1660	CHIP TA.CAP.	4.7uF	16V		TMCMA1C475MTRF	K78120031		1-	A	B3
C 1663	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E4
C 1664	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	b4
C 1665	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	C4
C 1667	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	F4
C 1668	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	B3
C 1669	CHIP TA.CAP.	1uF	35V		TMCMA1V105MTRF	K78160032		1-	A	B3
C 1670	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B3
C 1672	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	F4
C 1673	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	b4
C 1674	CHIP CAP.	1uF	25V	B	GRM21BB31E105KA98L	K22140826		1-	B	f1
C 1676	CHIP CAP.	0.0033uF	50V	B	GRM188B11H332KA01D	K22174815		1-	B	b4
C 1677	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	b4
C 1678	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C4
C 1679	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B3
C 1680	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	f1
C 1681	CHIP CAP.	1uF	25V	B	GRM21BB31E105KA98L	K22140826		1-	B	f1
C 1682	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b4
C 1684	CHIP CAP.	1uF	25V	B	GRM21BB31E105KA98L	K22140826		1-	B	f1
C 1685	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	b4
C 1686	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	D4
C 1687	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	B	b4
C 1688	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	b4
C 1689	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	B3
C 1690	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	B3
C 1691	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 1692	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	B3
C 1693	CHIP TA.CAP.	220uF	4V		TMCMB0G227MTRF	K78060052		1-	B	g2
C 1693	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		3-	B	g2
C 1694	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	B	b4
C 1695	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	B	b4
C 1696	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	A2
C 1697	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	b4
C 1698	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	b4
C 1699	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	B	b4
C 1700	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	D4
C 1702	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	b4
C 1703	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	A2
C 1704	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B3
C 1705	CHIP TA.CAP.	47uF	16V		TMCMC1C476MTRF	K78120057		1-	B	g1
C 1706	CHIP CAP.	0.0068uF	50V	B	GRM188B11H682KA01D	K22174819		1-	B	b4
C 1707	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B3
C 1708	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 1709	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	g1
C 1710	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	D4
C 1711	CHIP CAP.	9pF	50V	CH	GRM1882C1H9R0DA01D	K22174210		1-	A	F4
C 1712	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	B	f1
C 1713	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 1714	CHIP CAP.	1uF	25V	B	GRM21BB31E105KA98L	K22140826		1-	A	F1
C 1715	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 1716	CHIP TA.CAP.	47uF	16V		TMCMC1C476MTRF	K78120057		1-	B	g1
C 1717	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	C3
C 1718	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 1719	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	A2
C 1720	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A1
C 1721	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A2
C 1722	CHIP CAP.	1uF	25V	B	GRM21BB31E105KA98L	K22140826		1-	A	A1
C 1723	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B2
C 1724	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A1
C 1725	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	B	a2
C 1726	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	B2
C 1728	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F5
C 1729	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B1
C 1730	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	B	a1
C 1731	AL.ELECTRO.CAP.	1000uF	25V		25CE1000BS	K48140025		1-	A	B1
C 1732	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	a2
C 1733	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	B3
C 1734	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1735	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 1736	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	a2
C 1737	AL.ELECTRO.CAP.	470uF	16V		16CE470BS	K48120035		1-	A	A1
C 1738	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	C4
C 1739	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C4
C 1740	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E4
C 1741	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 1742	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 1743	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C4
C 1744	AL.ELECTRO.CAP.	470uF	16V		16CE470BS	K48120035		1-	A	A1
C 1745	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A3
C 1746	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	f2
C 1747	AL.ELECTRO.CAP.	1000uF	25V		25CE1000BS	K48140025		1-	A	B2
C 1749	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 1750	CHIP TA.CAP.	100uF	10V		TMCMC1A107MTRF	K78100075		1-	B	f2
C 1751	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A3
C 1752	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A2
C 1753	AL.ELECTRO.CAP.	100uF	16V		EEE1CA101WP	K48120012		1-	A	A2
C 1754	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a1
C 1755	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	a1
C 1756	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 1757	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a1
C 1758	CHIP CAP.	1uF	25V	B	GRM21BB31E105KA98L	K22140826		1-	B	a1
C 1759	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	E4
C 1760	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 1761	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A3
C 1762	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 1764	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a1
C 1765	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A2
C 1766	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D4
C 1767	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D4
C 1768	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 1769	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D4
C 1770	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	E4
C 1771	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 1773	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	f2
C 1774	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 1775	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	f1
C 1776	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a1
C 1777	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F4
C 1778	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	E5
C 1779	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F4
C 1780	CHIP TA.CAP.	47uF	16V		TAJC476M016RNJ	K78120125		1-	B	g2
C 1781	CHIP CAP.	0.039uF	16V	B	GRM188B11C393KA01	K22124806		1-	A	A2
C 1782	CHIP CAP.	9pF	50V	CH	GRM1882C1H9R0DA01D	K22174210		1-	A	D4
C 1783	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E4
C 1784	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	A	A3
C 1785	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	A2
C 1786	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	D4
C 1787	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	E4
C 1788	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	A	A3
C 1789	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 1790	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a1
C 1791	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 1792	CHIP CAP.	0.0033uF	50V	CH	GRM1882C1H332JA01D	K22174281		1-	A	A2
C 1793	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E4
C 1794	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A3
C 1795	CHIP TA.CAP.	47uF	16V		TAJC476M016RNJ	K78120125		1-	B	g2
C 1796	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	g1
C 1797	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	f2
C 1798	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 1799	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	f2
C 1800	CHIP CAP.	0.0022uF	50V	CH	GRM1882C1H222JA01D	K22174279		1-	A	A2
C 1802	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A3
C 1803	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a4
C 1805	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	A2
C 1806	CHIP CAP.	0.0022uF	50V	CH	GRM1882C1H222JA01D	K22174279		1-	A	A2
C 1807	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	f2
C 1809	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	A2
C 1810	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	A1
C 1811	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	B	f2
C 1812	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	A	F4
C 1813	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b3
C 1814	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	b3
C 1815	CHIP TA.CAP.	47uF	16V		TAJC476M016RNJ	K78120125		1-	B	b3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1816	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B2
C 1817	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	A	A3
C 1818	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A3
C 1819	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A3
C 1820	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 1827	AL.ELECTRO.CAP.	100uF	16V		EEE1CA101WP	K48120012		1-	A	B3
C 1831	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	f2
C 1832	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	F3
C 1833	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	F3
C 1834	CHIP CAP.	0.1uF	25V	B	GRM155B31E104KA87D	K22148838		1-	B	a3
C 1835	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	F3
C 1836	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CA01D	K22174204		1-	A	F2
C 1837	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0BA01D	K22174272		1-	A	F2
C 1838	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CA01D	K22174203		1-	A	F4
C 1841	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E5
C 1843	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E4
C 1844	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CA01D	K22174206		1-	A	C1
C 1845	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CA01D	K22174206		1-	A	C1
C 1845	CHIP CAP.	6pF	50V	CH	GRM1882C1H6R0CA01D	K22174244		3-	A	C1
C 1846	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	C1
C 1846	CHIP CAP.	8pF	50V	CH	GRM1882C1H8R0CA01D	K22174246		3-	A	C1
C 1847	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	C1
C 1847	CHIP CAP.	13pF	50V	CH	GRM1882C1H130JA01D	K22174214		3-	A	C1
C 1848	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CA01D	K22174205		1-	A	C1
C 1850	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	B	d1
C 1851	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	B	d1
C 1852	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	E4
C 1853	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A2
C 1854	CHIP CAP.	3pF	50V	CJ	GRM1553C1H3R0BA01D	K22178290		1-	A	B2
C 1855	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	D3
C 1856	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	B	d3
C 1858	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E3
C 1859	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	e4
C 1860	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	B	a4
C 1861	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	e2
C 1861	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		3-	B	e2
C 1863	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	C1
C 1864	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	e2
C 1866	CHIP CAP.	1uF	25V	B	GRM188B31E105KA75D	K22144815		1-	B	b1
C 1867	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	b1
C 1869	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D3
C 1870	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D3
C 1871	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c2
C 1872	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c2
C 1873	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c2
C 1874	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c2
C 1875	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c2
C 1876	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c2
C 1877	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c2
C 1878	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c2
C 1880	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c2
C 1881	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	d2
C 1882	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	d2
C 1883	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c2
C 1884	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c2
C 1887	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F1
C 1888	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 1889	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c1
C 1890	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	c1
C 1891	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	B3
C 1893	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	g1
C 1894	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F4
C 1895	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	g1
C 1896	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	g3
C 1897	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	g3
C 1898	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	D4
C 1901	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	e4
C 1902	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	e4
C 1903	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	e3
C 1904	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	e3
C 1905	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	e3
C 1906	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		3-	A	A2
C 1911	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		3-	A	D4
C 1912	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		7-	B	e2
C 1913	CHIP CAP.	7pF	50V	CH	GRM1882C1H7R0CA01D	K22174245		4-6	A	E2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1914	CHIP CAP.	7pF	50V	CH	GRM1882C1H7R0CA01D	K22174245		4-6	A	E2
CD1001	CERAMIC DISC				JTBM450CX24-A	H7901530A		1-	B	b4
CF1001	CERAMIC FILTER				LTWC450E-A	H3900565A		1-	A	E4
CF1002	CERAMIC FILTER				LTWC450G	H3900562		1-	A	E4
D 1001	DIODE				RKZ6.8ZMFAKT P1	G2070978		1-	A	F3
D 1002	SURGE ABSORBER				1608SGXA2-TR2	Q9000891		1-	A	F1
D 1003	DIODE				1SS302(TE85R.F)	G2070088		1-	A	E1
D 1004	DIODE				1SS372(TE85R.F)	G2070632		1-	B	b1
D 1005	DIODE				1SV281(TPH3.F)	G2070620		1-	A	F2
D 1006	DIODE				1SS355 TE-17	G2070470		1-	B	b1
D 1007	DIODE				1SV281(TPH3.F)	G2070620		1-	A	F2
D 1008	DIODE				BAS316	G2070716		1-	B	b1
D 1009	DIODE				1SS355 TE-17	G2070470		1-	A	D1
D 1010	DIODE				1SS355 TE-17	G2070470		1-	A	D1
D 1011	DIODE				DAN235U TL	G2070176		1-	A	F2
D 1012	DIODE				1SS355 TE-17	G2070470		1-	B	b2
D 1013	DIODE				1SS355 TE-17	G2070470		1-	B	b2
D 1014	DIODE				1SV281(TPH3.F)	G2070620		1-	A	D1
D 1015	DIODE				DAP236U T106	G2070592		1-	A	D1
D 1015	DIODE				RN142S TE61	G2070994		4-	A	D1
D 1016	DIODE				1SV281(TPH3.F)	G2070620		1-	A	D1
D 1017	DIODE				RN142S TE61	G2070994		1-	A	E1
D 1018	DIODE				RN142S TE61	G2070994		1-	A	E1
D 1019	DIODE				RN142S TE61	G2070994		1-	A	E1
D 1020	DIODE				RN142S TE61	G2070994		1-	A	D1
D 1021	DIODE				1SV323(TPH3.F)	G2071006		1-	A	D2
D 1022	DIODE				1SS355 TE-17	G2070470		1-	B	f4
D 1023	DIODE				1SV323(TPH3.F)	G2071006		1-	A	D2
D 1024	DIODE				DAN202U T106	G2070162		1-	A	B1
D 1025	DIODE				UDZS TE-17 8.2B	G2070890		1-	A	C1
D 1026	DIODE				RN142S TE61	G2070994		1-	A	E2
D 1027	DIODE				RN142S TE61	G2070994		1-	A	E2
D 1028	DIODE				RN142S TE61	G2070994		1-	A	E2
D 1029	DIODE				RN142S TE61	G2070994		1-	A	D2
D 1030	DIODE				1SV323(TPH3.F)	G2071006		1-	A	C2
D 1031	DIODE				1SS355 TE-17	G2070470		1-	A	B1
D 1032	DIODE				1SS355 TE-17	G2070470		1-	A	B2
D 1033	DIODE				1SS355 TE-17	G2070470		1-	A	C1
D 1034	DIODE				UDZS TE-17 6.2B	G2070912		1-	A	B1
D 1035	DIODE				DAP236U T106	G2070592		1-	A	C2
D 1035	DIODE				RN142S TE61	G2070994		4-	A	C2
D 1036	DIODE				1SS355 TE-17	G2070470		1-	A	C2
D 1037	DIODE				SMS3928-023LF	G2071442		1-	A	C2
D 1038	DIODE				RN731V TE-17	G2070898		1-	A	C3
D 1039	DIODE				RN731V TE-17	G2070898		1-	A	C3
D 1040	DIODE				RN731V TE-17	G2070898		1-	A	C3
D 1041	DIODE				1SS355 TE-17	G2070470		1-	A	E3
D 1042	DIODE				1SS355 TE-17	G2070470		1-	A	E3
D 1043	DIODE				DAN217U T106	G2071236		1-	B	e2
D 1044	DIODE				JDP2S04E(TAPE)	G2071180		1-	A	B2
D 1045	DIODE				HSM198S TR-E	G2070570		1-	A	C3
D 1046	DIODE				1SV325(TPH3.F)	G2070848		1-	A	C4
D 1047	DIODE				1SV323(TPH3.F)	G2071006		1-	A	C4
D 1048	DIODE				DAP236U T106	G2070592		1-	A	B2
D 1048	DIODE				RN142S TE61	G2070994		3-	A	B2
D 1049	DIODE				UDZS TE-17 6.8B	G2070888		1-	B	c3
D 1050	DIODE				RN142S TE61	G2070994		1-	A	A2
D 1051	DIODE				UDZS TE-17 6.8B	G2070888		1-	B	d4
D 1052	DIODE				1SS355 TE-17	G2070470		1-	B	e1
D 1053	DIODE				1SS355 TE-17	G2070470		1-	B	b3
D 1054	DIODE				1SS355 TE-17	G2070470		1-	B	e1
D 1055	DIODE				DA221 TL	G2070178		1-	B	b3
D 1056	DIODE				1SS355 TE-17	G2070470		1-	B	e1
D 1057	DIODE				DAP222-TL	G2070432		1-	A	E4
D 1058	DIODE				JDP2S04E(TAPE)	G2071180		1-	A	F4
D 1059	DIODE				DAP222-TL	G2070432		1-	A	E4
D 1060	DIODE				1SS355 TE-17	G2070470		1-	B	b4
D 1062	DIODE				SMS3928-023LF	G2071442		1-	A	F4
D 1063	DIODE				D1F60-5053	G2071240		1-	A	F2
D 1064	DIODE				1SS355 TE-17	G2070470		1-	B	f4
D 1065	DIODE				1SS355 TE-17	G2070470		1-	B	f4
D 1066	DIODE				RN142S TE61	G2070994		1-	A	F4
D 1067	DIODE				RN142S TE61	G2070994		1-	A	E4
D 1069	DIODE				SMS3928-023LF	G2071442		1-	A	D4
D 1070	DIODE				1SS355 TE-17	G2070470		1-	A	A1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
D 1071	DIODE				1SS355 TE-17	G2070470		1-	B	a1
D 1072	DIODE				1SS355 TE-17	G2070470		1-	A	A1
D 1073	DIODE				1SS355 TE-17	G2070470		1-	A	A2
D 1074	DIODE				1SS355 TE-17	G2070470		1-	A	F4
D 1075	DIODE				RN142S TE61	G2070994		1-	A	E4
D 1076	DIODE				RN142S TE61	G2070994		1-	A	D4
D 1077	DIODE				1SS355 TE-17	G2070470		1-	B	a1
D 1078	DIODE				1SS355 TE-17	G2070470		1-	A	F4
D 1079	DIODE				1SS355 TE-17	G2070470		1-	A	B2
D 1080	DIODE				1SS355 TE-17	G2070470		1-	A	B2
D 1081	DIODE				1SS355 TE-17	G2070470		1-	A	F3
D 1082	DIODE				1SS355 TE-17	G2070470		1-	A	A4
D 1083	DIODE				1SS355 TE-17	G2070470		1-	A	A4
D 1085	DIODE				1SS355 TE-17	G2070470		1-	A	E5
D 1086	DIODE				1SS355 TE-17	G2070470		1-	A	F3
D 1087	DIODE				1SS355 TE-17	G2070470		1-	B	f4
D 1088	DIODE				1SS355 TE-17	G2070470		1-	B	f4
D 1089	DIODE				RN142S TE61	G2070994		1-	A	F1
D 1090	DIODE				RN142S TE61	G2070994		1-	A	F1
D 1091	DIODE				RN142S TE61	G2070994		1-	A	E1
D 1092	DIODE				RN142S TE61	G2070994		1-	A	E1
D 1093	DIODE				RN142S TE61	G2070994		1-	A	D2
D 1094	DIODE				RN142S TE61	G2070994		1-	A	D2
D 1095	DIODE				1SS355 TE-17	G2070470		1-	B	b1
D 1096	DIODE				RN142S TE61	G2070994		1-	A	E3
D 1097	DIODE				RN142S TE61	G2070994		1-	A	D2
D 1098	DIODE				RN142S TE61	G2070994		1-	A	D2
D 1099	DIODE				RN142S TE61	G2070994		1-	A	D2
D 1100	DIODE				RN142S TE61	G2070994		1-	A	E2
D 1101	DIODE				1SS355 TE-17	G2070470		1-	B	c3
D 1102	DIODE				RN142S TE61	G2070994		1-	A	D3
D 1103	DIODE				RN142S TE61	G2070994		1-	A	D3
D 1104	DIODE				RN142S TE61	G2070994		1-	A	D3
D 1105	DIODE				RN142S TE61	G2070994		1-	A	D3
D 1106	DIODE				1SS355 TE-17	G2070470		1-	B	d2
D 1107	DIODE				RN142S TE61	G2070994		2-	A	A2
D 1108	DIODE				1SS355 TE-17	G2070470		3-	A	C2
D 1109	DIODE				RN142S TE61	G2070994		4-	A	A2
D 1110	DIODE				RN142S TE61	G2070994		3-	A	B2
D 1111	DIODE				RN142S TE61	G2070994		4-	A	D1
D 1112	DIODE				RN142S TE61	G2070994		4-	A	C2
F 1001	CHIP FUSE	3.15A			KAB2402-322NA31010	Q0000087		1-	A	F1
FB1001	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	F3
FB1002	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	F3
FB1003	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	B	a3
FB1004	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	F2
FB1005	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	B	a4
FB1006	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	B	b4
FB1007	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	B	a4
FB1008	CHIP COIL				BLM21PG300SN1D	L1690840		1-	A	B1
FB1009	CHIP COIL				BLM21PG300SN1D	L1690840		1-	A	B2
FB1010	FERRITE BEADS				BLM18BD182SN1D	L1690602		1-	B	a2
FB1011	FERRITE BEADS				BLM18BD182SN1D	L1690602		1-	B	a1
FB1012	FERRITE BEADS				BLM18BD182SN1D	L1690602		1-	B	a4
FB1013	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1014	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1015	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1016	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1017	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1018	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1019	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1020	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1021	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1022	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1023	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1024	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1025	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1026	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1027	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1028	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1029	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A3
FB1030	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1031	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1032	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1033	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
FB1034	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1035	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1036	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1037	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1038	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1039	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1040	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1041	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1042	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1043	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1044	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1045	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1046	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1047	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1048	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1049	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1050	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1051	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1052	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1053	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1054	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1055	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1056	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1057	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1058	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1059	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1060	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
FB1061	FERRITE BEADS				BLM18BD182SN1D	L1690602		1-	B	a4
FB1062	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A4
J 1001	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	F1
J 1002	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	F2
J 1003	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	F1
J 1004	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	B1
J 1005	CONNECTOR				CMS1410-016010	P0091349		1-	A	G3
J 1006	CONNECTOR				SB20-03WS	P0090610		1-	A	B1
J 1007	CONNECTOR				1210-062-09P-AAE	P0091571		1-	A	G3
J 1008	CONNECTOR				30FLT-SM2-TB(LF)(SN)(M)	P1091142		1-	A	A3
J 1009	CONNECTOR				30FLT-SM2-TB(LF)(SN)(M)	P1091142		1-	A	A4
J 1011	CONNECTOR				SB20-02WS	P0090609		1-	A	A3
J 1012	CONNECTOR				MDJ-008-RS01/1-AGZ	P1091464		1-	A	G1
J 1013	CONNECTOR				MDJ-006-RS01/1-AGZ	P1091463		1-	A	G1
J 1014	CONNECTOR				SB20-11WS	P0090618		1-	A	A3
J 1015	CONNECTOR				SC25-02WS	P0090621		1-	A	A1
J 1016	CONNECTOR				YKB21-5296N	P1091233		1-	A	G4
J 1017	CONNECTOR				SB20-03WS	P0090610		1-	A	A1
J 1018	CONNECTOR				SB20-05WS	P0090612		1-	A	A2
J 1019	CONNECTOR				YKB21-5295V	P1091443		1-	A	G4
J 1020	TERMINAL				P07	Q5000166		1-	A	C3
J 1021	TERMINAL				P07	Q5000166		1-	A	C5
J 1022	TERMINAL				P07	Q5000166		1-	A	A3
J 1023	TERMINAL				P07	Q5000166		1-	A	A5
J 1024	CONNECTOR				IMSA6065B-14-Z054PT1	P0091592		1-	A	C4
J 1025	CONNECTOR				IMSA6065B-07-Z054PT1	P0091590		1-	A	B5
JP1001	WIRE ASSY				GRA 120 */*	T9318366		1-		
JP1002	WIRE ASSY				GRA 150 */*	T9318368		1-		
JP1003	WIRE ASSY				GRA 120 */*	T9318366		1-		
JP1010	WIRE ASSY				GRN 30 2/2	T50503000		1-2		
JP1011	WIRE ASSY				GRN 20 2/2	T50502000		1-2		
JP1012	WIRE ASSY				GRN 20 2/2	T50502000		1-2		
L 1001	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	F1
L 1002	CHIP COIL	47uH			LQH32MN470K23L	L1690095		1-	A	C1
L 1003	M.RFC	0.018uH			HK1608 18NJ-T	L1690519		1-	A	E1
L 1004	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	C1
L 1005	M.RFC	0.033uH			HK1608 33NJ-T	L1690522		1-	A	F1
L 1006	M.RFC	0.01uH		2%	0603HP-10NXGLW	L1691598		1-	A	E2
L 1007	M.RFC	0.082uH		2%	0603HP-82NXGLW	L1691609		1-	A	F2
L 1008	M.RFC	0.0033uH		2%	0603HP-3N3XGLW	L1691592		1-	A	E2
L 1009	CHIP COIL	0.18uH		2%	C2520C-R18G-RA	L1691297		1-	A	F1
L 1010	M.RFC	0.082uH		2%	0603HP-82NXGLW	L1691609		1-	A	F2
L 1011	CHIP COIL	0.22uH		2%	C2520C-R22G-RA	L1691298		1-	A	F1
L 1012	M.RFC	0.033uH		2%	0603HP-33NXGLW	L1691604		1-	A	F2
L 1013	M.RFC	0.15uH		2%	0603HP-R15XGLW	L1691612		1-	A	F2
L 1014	M.RFC	0.01uH		2%	0603HP-10NXGLW	L1691598		1-	A	E2
L 1015	M.RFC	3.9uH			LLM3225-3R9J	L1691128		1-	A	E1
L 1016	CHIP COIL	0.18uH		2%	C2520C-R18G-RA	L1691297		1-	A	F1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
L 1017	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	E1
L 1018	M.RFC	0.033uH		2%	0603HP-33NXGLW	L1691604		1-	A	F2
L 1019	M.RFC	1uH		5%	C2012C-1R0J	L1691160		1-	A	F2
L 1020	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	E1
L 1021	M.RFC	3.9uH			LLM3225-3R9J	L1691128		1-	A	E1
L 1022	M.RFC	0.12uH		2%	0805CS-121XGLC	L1691635		1-	A	D1
L 1023	M.RFC	0.22uH		2%	0805CS-221XGLC	L1691638		1-	A	D1
L 1024	M.RFC	0.12uH		2%	0805CS-121XGLC	L1691635		1-	A	D1
L 1025	M.RFC	6.8uH			LLM3225-6R8J	L1691131		1-	A	F1
L 1026	M.RFC	0.056uH		2%	0805CS-560XGLC	L1691631		1-	A	D1
L 1027	M.RFC	0.056uH		2%	0805CS-560XGLC	L1691631		1-	A	D1
L 1028	CHIP COIL	1uH			NLV32T-1R0J-PF	L1691349		1-	B	c1
L 1029	M.RFC	8.2uH			LLM3225-8R2J	L1691132		1-	A	E1
L 1030	CHIP COIL	100uH		5%	NLV25T-101J-PF	L1691779		1-	A	E1
L 1031	M.RFC	6.8uH			LLM3225-6R8J	L1691131		1-	A	E1
L 1032	CHIP COIL	10uH		5%	NLV25T-100J-PF	L1691436		1-	A	E1
L 1033	CHIP COIL	0.82uH		5%	NLV25T-R82J-PF	L1691423		1-	A	E1
L 1034	CHIP COIL	0.33uH		5%	NLV25T-R33J-PF	L1691418		1-	A	E1
L 1035	M.RFC	0.082uH		2%	C2012C-82NG-RA	L1690775		1-	A	D1
L 1036	CHIP COIL	1.2uH		5%	NLV25T-1R2J-PF	L1691425		1-	A	E1
L 1037	CHIP COIL	1uH		5%	NLV25T-1R0J-PF	L1691424		1-	A	E1
L 1038	CHIP COIL	1uH		5%	NLV25T-1R0J-PF	L1691424		1-	A	E1
L 1039	CHIP COIL	0.47uH		2%	C2520C-R47G-RA	L1691302		1-	A	D1
L 1040	COIL				E2 0.28-1.0-4T-R	L0022365		1-	A	D2
L 1041	CHIP COIL	100uH		5%	NLV25T-101J-PF	L1691779		1-	A	D2
L 1042	CHIP COIL	3.3uH		5%	NLV25T-3R3J-PF	L1691430		1-	A	E1
L 1043	CHIP COIL	0.27uH		5%	NLV25T-R27J-PF	L1691417		1-	A	E1
L 1044	CHIP COIL	0.1uH		5%	NLV25T-R10J-PF	L1691412		1-	A	D1
L 1045	M.RFC	0.039uH		2%	C2012C-39NG-RA	L1690771		1-	A	D1
L 1046	CHIP COIL	1.2uH		5%	NLV25T-1R2J-PF	L1691425		1-	A	E2
L 1047	CHIP COIL	1uH		5%	NLV25T-1R0J-PF	L1691424		1-	A	E2
L 1048	CHIP COIL	1uH		5%	NLV25T-1R0J-PF	L1691424		1-	A	E2
L 1049	CHIP COIL	0.47uH		2%	C2520C-R47G-RA	L1691302		1-	A	D2
L 1050	COIL				E2 0.28-1.0-4T-R	L0022365		1-	A	C2
L 1051	CHIP COIL	10uH		5%	NLV25T-100J-PF	L1691436		1-	A	E2
L 1052	CHIP COIL	0.82uH		5%	NLV25T-R82J-PF	L1691423		1-	A	E2
L 1053	CHIP COIL	0.33uH		5%	NLV25T-R33J-PF	L1691418		1-	A	E2
L 1054	M.RFC	0.082uH		2%	C2012C-82NG-RA	L1690775		1-	A	D2
L 1055	CHIP COIL	100uH		5%	NLV25T-101J-PF	L1691779		1-	A	D2
L 1056	COIL				E2 0.28-1.0-4T-R	L0022365		1-	A	C2
L 1057	CHIP COIL	1uH			NLV32T-1R0J-PF	L1691349		1-	A	C2
L 1058	M.RFC	0.056uH		2%	0805CS-560XGLC	L1691631		1-	A	C2
L 1059	M.RFC	0.056uH		2%	0805CS-560XGLC	L1691631		1-	A	C2
L 1060	M.RFC	0.12uH		2%	0805CS-121XGLC	L1691635		1-	A	D2
L 1061	M.RFC	0.22uH		2%	0805CS-221XGLC	L1691638		1-	A	D2
L 1062	M.RFC	0.12uH		2%	0805CS-121XGLC	L1691635		1-	A	D2
L 1063	M.RFC	0.047uH		2%	0805CS-470XGLC	L1691630		1-	A	D3
L 1064	M.RFC	100uH			LLM3225-101J	L1691145		1-	B	a3
L 1065	M.RFC	0.027uH		2%	0805CS-270XGLC	L1691627		1-	B	d3
L 1066	M.RFC	0.1uH		2%	0805CS-101XGLC	L1691634		1-	A	D3
L 1067	CHIP COIL	100uH		5%	NLV25T-101J-PF	L1691779		1-	A	D2
L 1068	M.RFC	0.022uH		2%	0805CS-220XGLC	L1691626		1-	B	d3
L 1069	M.RFC	0.082uH		2%	0805CS-820XGLC	L1691633		1-	A	D3
L 1070	CHIP COIL	0.47uH		5%	NLV25T-R47J-PF	L1691420		1-	A	C3
L 1072	M.RFC	4.7uH		5%	0805LS-472XJLC	L1691464		1-	A	C3
L 1074	M.RFC	0.012uH		2%	C1608CB-12NG-RF	L1691033		1	A	C2
L 1075	M.RFC	0.12uH		2%	0805CS-121XGLC	L1691635		1-	A	C2
L 1076	M.RFC	1uH			LK1608 1R0K-T	L1690687		1-	A	B2
L 1077	M.RFC	0.12uH		2%	0805CS-121XGLC	L1691635		1-	A	B2
L 1079	M.RFC	0.1uH		2%	0805CS-101XGLC	L1691634		1-	A	D3
L 1081	CHIP COIL	1uH		5%	NLV25T-1R0J-PF	L1691424		1-	A	C4
L 1082	M.RFC	0.27uH		5%	C2012C-R27J	L1691017		1-	A	D4
L 1082	M.RFC	0.27uH		2%	0805CS-271XGLC	L1691639		3-	A	D4
L 1083	M.RFC	1uH			LK1608 1R0K-T	L1690687		1-	A	B4
L 1084	M.RFC	2.2uH		5%	0805LS-222XJLC	L1691460		1-	A	D4
L 1085	M.RFC	2.2uH		5%	0805LS-222XJLC	L1691460		1-	A	D4
L 1086	M.RFC	0.12uH		2%	0805CS-121XGLC	L1691635		1-	A	E3
L 1087	M.RFC	0.12uH		2%	0805CS-121XGLC	L1691635		1-	A	E3
L 1088	M.RFC	1uH			LK1608 1R0K-T	L1690687		1-	A	B4
L 1089	M.RFC	0.22uH		5%	C2012C-R22J	L1690796		1-	A	C4
L 1090	CHIP COIL	0.56uH		2%	C2520C-R56G-RA	L1691303		1-	A	E3
L 1092	CHIP COIL	0.22uH		2%	C2520C-R22G-RA	L1691298		1-	A	E3
L 1094	CHIP COIL	0.56uH		2%	C2520C-R56G-RA	L1691303		1-	A	E3
L 1096	CHIP COIL	0.22uH		2%	C2520C-R22G-RA	L1691298		1-	A	E3
L 1098	M.RFC	1uH			LK1608 1R0K-T	L1690687		1-	A	F4

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
L 1099	M.RFC	1uH			LK1608 1R0K-T	L1690687		1-	A	B3
L 1100	M.RFC	1uH			LK1608 1R0K-T	L1690687		1-	A	B3
L 1101	M.RFC	0.27uH		2%	0805CS-271XGLC	L1691639		1-	A	F4
L 1102	M.RFC	0.12uH			LK1608 R12K-T	L1690408		1-	A	F4
L 1103	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	C4
L 1104	FERRITE BEADS				BLM18BD182SN1D	L1690602		1-	B	a1
L 1105	FERRITE BEADS				BLM18BD182SN1D	L1690602		1-	B	a1
L 1106	FERRITE BEADS				BLM18BD182SN1D	L1690602		1-	B	a1
L 1107	FERRITE BEADS				BLM18BD182SN1D	L1690602		1-	B	a1
L 1108	FERRITE BEADS				BLM18BD182SN1D	L1690602		1-	B	a1
L 1109	M.RFC	47uH			LLM3225-470J	L1691141		1-	A	E4
L 1110	COIL				E2 0.28-1.0-4T-R	L0022365		1-	A	C1
L 1111	COIL				E2 0.26-0.9-3T-R	L0022367		1-	A	C1
L 1112	M.RFC	0.22uH		2%	0603HP-R22XGLW	L1691614		1-	A	C2
L 1113	M.RFC	0.22uH		2%	0603HP-R22XGLW	L1691614		1-	A	D2
L 1114	M.RFC	0.027uH		2%	0805CS-270XGLC	L1691627		1-	B	d3
L 1115	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	F1
L 1116	CHIP COIL	100uH		5%	NLV25T-101J-PF	L1691779		1-	A	E1
L 1117	CHIP COIL	100uH		5%	NLV25T-101J-PF	L1691779		1-	B	b1
L 1118	CHIP COIL	100uH		5%	NLV25T-101J-PF	L1691779		1-	B	c2
L 1119	CHIP COIL	100uH		5%	NLV25T-101J-PF	L1691779		1-	B	c2
L 1120	CHIP COIL	100uH		5%	NLV25T-101J-PF	L1691779		1-	B	c2
L 1121	CHIP COIL	100uH		5%	NLV25T-101J-PF	L1691779		1-	B	c2
L 1122	CHIP COIL	100uH		5%	NLV25T-101J-PF	L1691779		1-	B	c2
L 1124	CHIP COIL	100uH		5%	NLV25T-101J-PF	L1691779		1-	A	D3
L 1125	CHIP COIL	100uH		5%	NLV25T-101J-PF	L1691779		1-	B	c2
L 1126	CHIP COIL	100uH		5%	NLV25T-101J-PF	L1691779		1-	B	d2
L 1127	CHIP COIL	100uH		5%	NLV25T-101J-PF	L1691779		1-	B	c2
L 1128	M.RFC	2.2uH			LK1608 2R2K-T	L1690634		1-	A	B3
L 1129	M.RFC	2.2uH			LK1608 2R2K-T	L1690634		11-		
Q 1001	FET				NE3509M04-T2-A	G3070387		1-	A	F1
Q 1002	IC				UPC2710TB-E3	G1093932		1-	A	C1
Q 1003	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	A	F3
Q 1004	FET				RTM002P02(TAPE)	G3070347		1-	A	F2
Q 1005	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	B	b1
Q 1006	FET				BF2030W	G4070017		1-	A	F2
Q 1007	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	B	b1
Q 1008	IC				CP2105-F01-GMR	G1094981※		1-	B	a3
Q 1009	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	B	b2
Q 1010	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	A	F2
Q 1011	FET				BF2030W	G4070017		1-	A	D1
Q 1012	IC				USB2512BI-AEZG	G1094881		1-	A	F4
Q 1013	FET				RTM002P02(TAPE)	G3070347		1-	A	F2
Q 1014	TRANSISTOR				DTC143ZE TL	G3070102		1-	A	C1
Q 1015	TRANSISTOR				DTC144EUA T106	G3070041		1-	A	D1
Q 1016	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	B	a2
Q 1017	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	A	F2
Q 1018	TRANSISTOR				2SA1576A T106 R	G3115768R		1-	B	a4
Q 1019	TRANSISTOR				2SA1576A T106 R	G3115768R		1-	B	a4
Q 1020	FET				RTM002P02(TAPE)	G3070347		1-	A	F2
Q 1021	IC				TC7SH08FU(TE85L.JF)	G1094736		1-	B	b4
Q 1022	TRANSISTOR				DTA114EUA T106	G3070083		1-	B	b2
Q 1023	TRANSISTOR				DTA114EUA T106	G3070083		1-	B	b2
Q 1025	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	A	F2
Q 1026	IC				PCM2903BDBR	G1094880		1-	B	b4
Q 1027	FET				RTM002P02(TAPE)	G3070347		1-	A	F2
Q 1029	IC				CD4052BPWR	G1093862		1-	B	f3
Q 1030	IC				NJM2902V-TE1	G1091679		1-	A	B1
Q 1033	TRANSISTOR				2SC3356-T2B R24	G3333567D		1-	A	D2
Q 1034	IC				NJM2737V(TAPE)	G1094292		1-	B	b3
Q 1035	IC				BU2152FS(TAPE)	G1093942		1-	B	f3
Q 1036	IC				NJM2737V(TAPE)	G1094292		1-	B	b2
Q 1038	TRANSISTOR				DTC144EUA T106	G3070041		1-	A	B1
Q 1039	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	A	B1
Q 1045	IC				SN74HCT04PWR	G1094484		1-	B	e4
Q 1046	IC				BU2152FS(TAPE)	G1093942		1-	B	f4
Q 1047	IC				TC4W53FU(TE12L_F)	G1091675		1-	A	C2
Q 1048	TRANSISTOR				DTC144EUA T106	G3070041		1-	A	B2
Q 1050	IC				PE4259-63/TR	G1095102		1-	A	C3
Q 1051	IC				NJM2902V-TE1	G1091679		1-	A	C1
Q 1052	IC				ADM3202ARUZ	G1094022		1-	B	a3
Q 1053	TRANSISTOR				2SC3356-T2B R24	G3333567D		1-	A	D2
Q 1055	TRANSISTOR				2SB1182-TLQ	G3070063		1-	A	C3
Q 1056	IC				CD74HCT4053PWR	G1094273		1-	B	e3
Q 1057	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	B3

※ Please contact YAESU when replacing this part.

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
Q 1058	IC				SMA5101-TL-H	G1095075		1-	A	E2
Q 1060	IC				BGA616H6327XTSA1	G1095085		1-	A	C3
Q 1061	TRANSISTOR				2SB1182-TLQ	G3070063		1-	A	C3
Q 1062	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	A	B3
Q 1063	TRANSISTOR				DTC114EUA T106	G3070084		1-	B	f3
Q 1064	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	B	d3
Q 1065	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	B3
Q 1067	IC				LM2904PWR	G1094010		1-	A	B2
Q 1068	IC				LM2904PWR	G1094010		1-	A	C3
Q 1069	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	B	b3
Q 1070	IC				LM2902PWR	G1094009		1-	B	e2
Q 1071	IC				BU2507FV-E2	G1093773		1-	B	f4
Q 1072	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	A	B4
Q 1073	FET				BF2030W	G4070017		1-	A	B2
Q 1074	IC				ADF4116BRUZ(TAPE)	G1093581		1-	A	B4
Q 1075	TRANSISTOR				DTC124EUA T106	G3070045		1-	B	e2
Q 1076	FET				3SK294(TE85L)	G4802948A		1-	A	D3
Q 1077	FET				3SK294(TE85L)	G4802948A		1-	A	D3
Q 1078	FET				3SK294(TE85L)	G4802948A		1-	A	D3
Q 1079	FET				3SK294(TE85L)	G4802948A		1-	A	D3
Q 1081	TRANSISTOR				2SD1664 T100 Q	G3416647Q		1-	B	c3
Q 1082	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	A	A2
Q 1083	IC				BU2505FV-E2	G1093714		1-	B	f4
Q 1084	FET				MCH3914-7-TL-H	G3070439		1-	A	D4
Q 1085	TRANSISTOR				DTA144EU T106	G3070079		1-	A	B4
Q 1086	TRANSISTOR				2SC4215Y(TE85R.F)	G3342157Y		1-	A	B3
Q 1088	IC				PE4259-63/TR	G1095102		1-	A	E3
Q 1089	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	B	d4
Q 1090	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	B3
Q 1091	TRANSISTOR				DTC114EUA T106	G3070084		1-	B	f4
Q 1092	TRANSISTOR				DTC114EUA T106	G3070084		1-	B	f4
Q 1093	TRANSISTOR				DTC114EUA T106	G3070084		1-	B	f4
Q 1094	TRANSISTOR				DTC114EUA T106	G3070084		1-	B	f4
Q 1095	TRANSISTOR				2SC4215Y(TE85R.F)	G3342157Y		1-	A	D4
Q 1096	TRANSISTOR				2SC4215Y(TE85R.F)	G3342157Y		1-	A	D4
Q 1097	IC				NJM2737V(TAPE)	G1094292		1-	B	g3
Q 1098	TRANSISTOR				DTC114EUA T106	G3070084		1-	B	f4
Q 1099	TRANSISTOR				DTC114EUA T106	G3070084		1-	B	f4
Q 1100	TRANSISTOR				DTC114EUA T106	G3070084		1-	B	f4
Q 1101	TRANSISTOR				DTC114EUA T106	G3070084		1-	B	f4
Q 1102	IC				PE4259-63/TR	G1095102		1-	A	E3
Q 1103	IC				LM2902PWR	G1094009		1-	A	F3
Q 1104	TRANSISTOR				2SC4215Y(TE85R.F)	G3342157Y		1-	A	C4
Q 1105	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	B	g2
Q 1106	IC				PE4259-63/TR	G1095102		1-	A	D4
Q 1107	TRANSISTOR				2SC4215Y(TE85R.F)	G3342157Y		1	A	B4
Q 1110	IC				PE4259-63/TR	G1095102		1-	A	E3
Q 1111	IC				LM2902PWR	G1094009		1-	B	e1
Q 1114	IC				LM2902PWR	G1094009		1-	B	e2
Q 1116	IC				HD74LV2G74A(TAPE)	G1093788		1-	B	e2
Q 1117	IC				TA75S01F(TE85R.F)	G1091593		1-	A	B4
Q 1118	IC				NJM2172V-TE1	G1095083		1-	B	f2
Q 1119	IC				CD74HCT4053PWR	G1094273		1-	B	e1
Q 1120	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	B	b3
Q 1122	FET				BF2030W	G4070017		1-	A	F3
Q 1123	IC				TC7S86FU(TE85L.F)	G1094078		1-	B	e2
Q 1124	TRANSISTOR				2SC4116GR(TE85L.F)	G3341168G		1-	A	A3
Q 1125	IC				LM2902PWR	G1094009		1-	B	e1
Q 1126	TRANSISTOR				2SC4215Y(TE85R.F)	G3342157Y		1-	A	C4
Q 1127	IC				AD9834BRUZ-REEL7	G1094297		1-	A	B3
Q 1128	IC				CD74HCT4053PWR	G1094273		1-	B	f1
Q 1129	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	B	b3
Q 1132	IC				M62364FP 600D	G1093033		1-	B	f1
Q 1133	IC				NJM2591V-TE1	G1094024		1-	B	b4
Q 1134	IC				LM2904PWR	G1094010		1-	B	e2
Q 1135	TRANSISTOR				2SC4215Y(TE85R.F)	G3342157Y		1-	A	D4
Q 1136	IC				CD74HCT4053PWR	G1094273		1-	B	f1
Q 1137	TRANSISTOR				2SC4215Y(TE85R.F)	G3342157Y		1-	A	B3
Q 1139	TRANSISTOR				2SC4215Y(TE85R.F)	G3342157Y		1-	A	B3
Q 1140	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	B3
Q 1141	IC				CD74HCT4053PWR	G1094273		1-	B	g1
Q 1142	TRANSISTOR				2SC2714-Y(TE85L.F)	G3327147Y		1-	A	D4
Q 1143	IC				NJM2737V(TAPE)	G1094292		1-	B	g1
Q 1144	IC				CD74HCT4053PWR	G1094273		1-	B	a2
Q 1145	TRANSISTOR				2SD2211 T100 QR	G3422117Q		1-	A	F1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
Q 1147	IC				NJM2594V-TE1	G1093750		1-	A	A2
Q 1148	IC				LA4425A-E	G1092241		1-	A	A1
Q 1149	IC				CD4066BPWR	G1093865		1-	B	f2
Q 1150	TRANSISTOR				2SD1628-TD-E	G3416288		1-	A	A1
Q 1152	TRANSISTOR				2SA1576A T106 R	G3115768R		1-	A	A1
Q 1153	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	A	A1
Q 1154	IC				NJM2594V-TE1	G1093750		1-	A	A3
Q 1155	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	F4
Q 1156	IC				NJM2737V(TAPE)	G1094292		1-	A	A2
Q 1158	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	A	A1
Q 1159	TRANSISTOR				2SC3356-T2B R24	G3333567D		1-	A	E4
Q 1160	IC				NJM2737V(TAPE)	G1094292		1-	A	A2
Q 1161	IC				NJM2737V(TAPE)	G1094292		1-	A	A2
Q 1162	IC				NJM2902V-TE1	G1091679		1-	B	f2
Q 1163	IC				NJM2737V(TAPE)	G1094292		1-	A	A3
Q 1164	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	F3
Q 1166	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	A	E5
Q 1167	TRANSISTOR				2SC4081 T106 R	G3340818R		1-	A	E4
Q 1169	TRANSISTOR				2SA1576A T106 R	G3115768R		1-	A	B2
Q 1170	TRANSISTOR				DTA114EUA T106	G3070083		1-	B	b1
Q 1171	TRANSISTOR				DTC144EUA T106	G3070041		1-	B	a1
Q 1172	TRANSISTOR				DTC144EUA T106	G3070041		1-	B	a1
Q 1173	TRANSISTOR				2SB624-T2B BV3	G3206247C		1-	B	b1
Q 1174	TRANSISTOR				DTA114EUA T106	G3070083		1-	B	c2
Q 1175	TRANSISTOR				DTA114EUA T106	G3070083		1-	B	c3
Q 1176	TRANSISTOR				DTC144EUA T106	G3070041		1-	B	c2
Q 1177	TRANSISTOR				DTC144EUA T106	G3070041		1-	B	c3
Q 1178	TRANSISTOR				DTC144EUA T106	G3070041		1-	B	d2
Q 1179	TRANSISTOR				DTA114EUA T106	G3070083		1-	B	d2
Q 1180	TRANSISTOR				DTC144EUA T106	G3070041		1-	B	d2
Q 1181	TRANSISTOR				DTA114EUA T106	G3070083		1-	B	d2
R 1001	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	F3
R 1002	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	F3
R 1003	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F1
R 1004	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	A	C1
R 1005	CHIP RES.	150	1/10W	5%	RMC1/10T 151J	J24205151		1-	A	F1
R 1006	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F2
R 1007	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F3
R 1008	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F3
R 1009	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F3
R 1010	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F2
R 1011	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	E1
R 1012	CHIP RES.	68	1/10W	5%	RMC1/10T 680J	J24205680		1-	A	F1
R 1013	CHIP RES.	4.7	1/16W	5%	RMC1/16 4R7JATP	J24185479		1-	A	F1
R 1014	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F3
R 1015	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	F4
R 1016	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	b1
R 1017	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F2
R 1018	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F3
R 1019	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	B	a3
R 1020	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	B	a3
R 1021	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F2
R 1022	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F2
R 1023	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	B	b2
R 1024	CHIP RES.	82	1/16W	5%	RMC1/16 820JATP	J24185820		1-	A	C1
R 1025	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	F4
R 1026	CHIP RES.	180	1/16W	5%	RMC1/16 181JATP	J24185181		1-	A	C1
R 1026	CHIP RES.	180	1/16W	5%	RMC1/16S 181JTH	J24189016		11-	A	C1
R 1027	CHIP RES.	12k	1/16W	1%	RMC1/16 123FTP	J24183123		1-	A	F3
R 1029	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F2
R 1030	CHIP RES.	82	1/16W	5%	RMC1/16 820JATP	J24185820		1-	A	C1
R 1031	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	a3
R 1033	CHIP RES.	1.2k	1/16W	5%	RMC1/16 122JATP	J24185122		1-	B	b2
R 1034	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	G3
R 1035	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F2
R 1036	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C1
R 1037	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	C1
R 1038	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	a4
R 1039	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	B	b1
R 1040	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F3
R 1041	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F3
R 1042	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	A	D1
R 1043	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F4
R 1044	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	b2
R 1045	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 1046	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F2
R 1047	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F2
R 1048	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	a3
R 1049	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1	A	D1
R 1049	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		2-	A	D1
R 1050	CHIP RES.	5.6k	1/16W	5%	RMC1/16 562JATP	J24185562		1-	A	D1
R 1051	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F4
R 1052	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	b1
R 1053	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	a3
R 1054	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F4
R 1055	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	D1
R 1056	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	a3
R 1057	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D1
R 1058	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D1
R 1059	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	F2
R 1060	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F4
R 1061	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	a4
R 1062	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	a4
R 1063	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F2
R 1064	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	a3
R 1065	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F2
R 1066	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	b2
R 1067	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	a2
R 1068	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	B	a2
R 1069	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F2
R 1070	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F2
R 1071	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	b2
R 1072	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	F2
R 1073	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	F2
R 1074	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F2
R 1075	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	F2
R 1076	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	B	b4
R 1077	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	a1
R 1078	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	B	b4
R 1079	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F2
R 1080	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	B	b4
R 1081	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F1
R 1082	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	E1
R 1083	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	E1
R 1084	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	F2
R 1085	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	F1
R 1086	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D1
R 1087	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F1
R 1088	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	B	a4
R 1089	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	B	b4
R 1090	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	D1
R 1091	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	a4
R 1092	CHIP RES.	6.8k	1/16W	1%	RMC1/16 682FTP	J24183682		1-	A	B1
R 1093	CHIP RES.	68k	1/16W	1%	RMC1/16 683FTP	J24183683		1-	A	B1
R 1094	CHIP RES.	6.8k	1/16W	1%	RMC1/16 682FTP	J24183682		1-	A	B1
R 1095	CHIP RES.	68k	1/16W	1%	RMC1/16 683FTP	J24183683		1-	A	B1
R 1096	CHIP RES.	22k	1/16W	1%	RMC1/16 223FTP	J24183223		1-	A	B1
R 1097	CHIP RES.	22k	1/16W	1%	RMC1/16 223FTP	J24183223		1-	A	B1
R 1098	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	B	c1
R 1099	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D1
R 1100	CHIP RES.	5.6k	1/16W	5%	RMC1/16 562JATP	J24185562		1-	B	d3
R 1101	CHIP RES.	47k	1/16W	1%	RMC1/16 473FTP	J24183473		1-	A	B1
R 1102	CHIP RES.	47k	1/16W	1%	RMC1/16 473FTP	J24183473		1-	A	B1
R 1103	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	A	E1
R 1104	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	f3
R 1105	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	b3
R 1106	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	f3
R 1107	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	a3
R 1108	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	C1
R 1109	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	B	b3
R 1110	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	c1
R 1111	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	b3
R 1112	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	b3
R 1113	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	E1
R 1114	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	E1
R 1115	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	D1
R 1116	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	D1
R 1117	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	B1
R 1118	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	B1
R 1119	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 1120	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	b3
R 1121	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	B1
R 1122	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	B1
R 1123	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	E1
R 1124	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	E1
R 1125	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	D1
R 1126	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	D1
R 1127	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b3
R 1128	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	A	B1
R 1129	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D2
R 1130	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B1
R 1131	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D2
R 1132	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	D2
R 1133	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D2
R 1134	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	D2
R 1135	CHIP RES.	1.2k	1/16W	5%	RMC1/16 122JATP	J24185122		1-	A	D2
R 1136	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b3
R 1137	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	D2
R 1138	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	B1
R 1139	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	E2
R 1140	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	E2
R 1141	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	D2
R 1142	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	D2
R 1143	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D2
R 1144	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	B	f4
R 1145	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	B1
R 1146	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C1
R 1148	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b3
R 1149	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	a2
R 1150	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	f4
R 1152	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D2
R 1153	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	f4
R 1154	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	E2
R 1156	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	f4
R 1157	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	a2
R 1158	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	C2
R 1159	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	B1
R 1160	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C2
R 1161	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	b3
R 1162	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C1
R 1162	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		3-	A	C1
R 1163	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b3
R 1164	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B1
R 1165	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	B2
R 1166	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	a2
R 1167	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b3
R 1168	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	A	D2
R 1169	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B2
R 1170	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	a2
R 1171	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b3
R 1172	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	B	c2
R 1173	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-2		
R 1174	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	A	C2
R 1175	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B1
R 1177	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C2
R 1178	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C1
R 1182	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	B	f4
R 1183	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	B	a3
R 1185	CHIP RES.	18k	1/16W	5%	RMC1/16 183JATP	J24185183		1-	A	B1
R 1186	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B1
R 1187	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	e4
R 1188	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	B	a3
R 1189	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	e4
R 1190	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C1
R 1191	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	f4
R 1192	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	e4
R 1193	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	C2
R 1194	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	f4
R 1195	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	d2
R 1196	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	f4
R 1198	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	C2
R 1199	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C2
R 1201	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	B2
R 1202	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2
R 1203	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	e4

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 1204	CHIP RES.	22k	1/16W	1%	RMC1/16 223FTP	J24183223		1-	A	C1
R 1205	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	e4
R 1206	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C1
R 1207	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D2
R 1208	CHIP RES.	47k	1/16W	1%	RMC1/16 473FTP	J24183473		1-	A	C1
R 1209	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	A	C2
R 1210	CHIP RES.	27	1/10W	5%	RMC1/10T 270J	J24205270		1-	A	C3
R 1211	CHIP RES.	47k	1/16W	1%	RMC1/16 473FTP	J24183473		1-	A	C1
R 1214	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	E3
R 1214	CHIP RES.	82	1/16W	5%	RMC1/16 820JATP	J24185820		3-	A	E3
R 1215	CHIP RES.	22k	1/16W	1%	RMC1/16 223FTP	J24183223		1-	A	C1
R 1216	CHIP RES.	39	1/16W	5%	RMC1/16 390JATP	J24185390		1-	A	E3
R 1216	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		3-	A	E3
R 1217	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D2
R 1218	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	C1
R 1220	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C2
R 1221	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	D2
R 1222	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	E3
R 1222	CHIP RES.	82	1/16W	5%	RMC1/16 820JATP	J24185820		3-	A	E3
R 1223	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	C1
R 1224	CHIP RES.	1.2k	1/16W	5%	RMC1/16 122JATP	J24185122		1-	A	D2
R 1225	CHIP RES.	330	1/4W	5%	RMC1/4 331JATP	J24245331		1-	A	C3
R 1226	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	D2
R 1227	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	C3
R 1228	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	A	C2
R 1229	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	e3
R 1230	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B3
R 1231	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D2
R 1232	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	D2
R 1233	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	C3
R 1234	CHIP RES.	820	1/16W	5%	RMC1/16 821JATP	J24185821		1-	A	C3
R 1236	CHIP RES.	6.8	1/16W	5%	RMC1/16 6R8JATP	J24185689		1-	A	C3
R 1237	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B3
R 1238	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	B3
R 1239	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	f3
R 1240	CHIP RES.	27	1/10W	5%	RMC1/10T 270J	J24205270		1-	A	C3
R 1241	CHIP RES.	820	1/16W	5%	RMC1/16 821JATP	J24185821		1-	A	C3
R 1242	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B3
R 1244	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	E3
R 1247	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	d3
R 1248	CHIP RES.	330	1/4W	5%	RMC1/4 331JATP	J24245331		1-	A	B3
R 1253	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	B2
R 1254	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B2
R 1255	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	C3
R 1257	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B3
R 1258	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	B3
R 1259	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C3
R 1260	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	b3
R 1261	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B2
R 1263	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	B	d3
R 1264	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	B	d2
R 1265	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	B	e2
R 1266	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	e2
R 1267	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B2
R 1268	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C3
R 1269	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	B2
R 1270	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	B2
R 1271	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	B	e3
R 1272	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C3
R 1273	CHIP RES.	30k	1/16W	1%	RMC1/16 303FTP	J24183303		1-	B	e3
R 1274	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C3
R 1275	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	b3
R 1276	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	b3
R 1277	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	f4
R 1278	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B2
R 1278	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		4-	A	B2
R 1279	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	f4
R 1280	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-2	A	B2
R 1281	CHIP RES.	30k	1/16W	1%	RMC1/16 303FTP	J24183303		1-	B	e3
R 1282	CHIP RES.	820	1/16W	5%	RMC1/16 821JATP	J24185821		1-	A	D3
R 1283	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	C4
R 1284	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	f4
R 1285	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B4
R 1287	CHIP RES.	30k	1/16W	1%	RMC1/16 303FTP	J24183303		1-	B	e3
R 1288	CHIP RES.	6.8	1/16W	5%	RMC1/16 6R8JATP	J24185689		1-	A	D3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 1289	CHIP RES.	33	1/16W	1%	RMC1/16 330FTP	J24183330		1-	A	D3
R 1290	CHIP RES.	33	1/16W	1%	RMC1/16 330FTP	J24183330		1-	A	D3
R 1291	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	B4
R 1292	CHIP RES.	820	1/16W	5%	RMC1/16 821JATP	J24185821		1-	A	D3
R 1293	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B2
R 1294	CHIP RES.	120k	1/16W	5%	RMC1/16 124JATP	J24185124		1-	B	e2
R 1295	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	B4
R 1296	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B2
R 1297	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C4
R 1298	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	B	e3
R 1299	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		5-	A	D3
R 1300	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	B4
R 1301	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	B2
R 1302	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C4
R 1303	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	B	e4
R 1304	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B4
R 1305	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e3
R 1306	CHIP RES.	100k	1/16W	1%	RMC1/16 104FTP	J24183104		1-	B	d3
R 1307	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	B4
R 1308	CHIP RES.	100	1/16W	1%	RMC1/16 101FTP	J24183101		1-	B	c3
R 1309	CHIP RES.	100	1/16W	1%	RMC1/16 101FTP	J24183101		1-	B	c3
R 1310	CHIP RES.	33k	1/16W	1%	RMC1/16 333FTP	J24183333		1-	B	d3
R 1311	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 1312	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	f1
R 1313	CHIP RES.	33k	1/16W	1%	RMC1/16 333FTP	J24183333		1-	B	c3
R 1314	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B4
R 1315	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B4
R 1316	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	B	f1
R 1317	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	f1
R 1318	CHIP RES.	100k	1/16W	1%	RMC1/16 104FTP	J24183104		1-	B	c3
R 1319	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	e4
R 1320	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B4
R 1321	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	A	A2
R 1322	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	e4
R 1323	CHIP RES.	10	1/4W	5%	RMC1/4 100JATP	J24245100		1-	A	D3
R 1324	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B4
R 1325	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	e4
R 1326	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	c3
R 1327	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	e3
R 1328	CHIP RES.	2.7k	1/16W	1%	RMC1/16 272FTP	J24183272		1-	B	f1
R 1329	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	B	f1
R 1330	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	A	D4
R 1331	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	B4
R 1332	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	A2
R 1333	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	e3
R 1334	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	B3
R 1335	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B2
R 1336	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	f1
R 1337	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	A	D4
R 1338	CHIP RES.	51	1/16W	1%	RMC1/16 510FTP	J24183510		1-	A	E3
R 1339	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	g3
R 1340	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	B3
R 1341	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	c3
R 1342	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	B3
R 1343	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	A	B2
R 1344	CHIP RES.	51	1/16W	1%	RMC1/16 510FTP	J24183510		1-	A	E3
R 1346	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	g3
R 1347	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1-	A	D4
R 1348	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B2
R 1349	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	d4
R 1350	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	A	B2
R 1350	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		3-	A	B2
R 1351	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	g3
R 1352	CHIP RES.	30k	1/16W	1%	RMC1/16 303FTP	J24183303		1-	B	f1
R 1353	CHIP RES.	15	1/16W	5%	RMC1/16 150JATP	J24185150		1-	A	B3
R 1354	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	A2
R 1355	CHIP RES.	18k	1/16W	5%	RMC1/16 183JATP	J24185183		1-	B	c3
R 1356	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	B2
R 1357	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A2
R 1358	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 1359	CHIP RES.	30k	1/16W	1%	RMC1/16 303FTP	J24183303		1-	B	f1
R 1360	CHIP RES.	18k	1/16W	5%	RMC1/16 183JATP	J24185183		1-	B	c3
R 1361	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	D4
R 1362	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	c3
R 1363	CHIP RES.	30k	1/16W	1%	RMC1/16 303FTP	J24183303		1-	B	e1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 1364	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	D4
R 1365	CHIP RES.	27k	1/16W	1%	RMC1/16 273FTP	J24183273		1-	B	g3
R 1366	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F3
R 1367	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	F3
R 1368	CHIP RES.	15	1/16W	5%	RMC1/16 150JATP	J24185150		1-	A	D4
R 1369	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	F3
R 1370	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	B	e1
R 1371	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	c3
R 1372	CHIP RES.	15	1/16W	5%	RMC1/16 150JATP	J24185150		1-	A	C4
R 1373	CHIP RES.	27k	1/16W	1%	RMC1/16 273FTP	J24183273		1-	B	g3
R 1374	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D4
R 1375	CHIP RES.	15	1/16W	5%	RMC1/16 150JATP	J24185150		1-	A	B3
R 1376	CHIP RES.	15	1/16W	5%	RMC1/16 150JATP	J24185150		1-	A	D4
R 1376	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		3-	A	D4
R 1377	CHIP RES.	15	1/16W	5%	RMC1/16 150JATP	J24185150		1-	A	D4
R 1378	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	C4
R 1379	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	B	e1
R 1380	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	B	g2
R 1381	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	B	e1
R 1382	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D4
R 1383	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	B	g2
R 1384	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F3
R 1385	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	B	e1
R 1386	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	e2
R 1387	CHIP RES.	120k	1/16W	5%	RMC1/16 124JATP	J24185124		1-	B	e2
R 1388	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C4
R 1389	CHIP RES.	18k	1/16W	5%	RMC1/16 183JATP	J24185183		1-	A	D4
R 1390	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1	A	C4
R 1390	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		2-	A	C4
R 1391	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e2
R 1393	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e2
R 1394	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1	A	B4
R 1394	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		2-	A	B4
R 1395	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	e1
R 1396	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	g2
R 1397	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	B	e1
R 1398	CHIP RES.	120k	1/16W	5%	RMC1/16 124JATP	J24185124		1-	B	e2
R 1399	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F3
R 1400	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e1
R 1401	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F3
R 1402	CHIP RES.	27k	1/16W	1%	RMC1/16 273FTP	J24183273		1-	B	g2
R 1403	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	e1
R 1404	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	B4
R 1405	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	B	e1
R 1406	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	D5
R 1407	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	D4
R 1408	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	B	b3
R 1409	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	e2
R 1410	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F3
R 1411	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B4
R 1412	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	e2
R 1413	CHIP RES.	3.3k	1/16W	1%	RMC1/16 332FTP	J24183332		1-	B	d4
R 1414	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e1
R 1415	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	D5
R 1416	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	B	b3
R 1417	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	e1
R 1418	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	f2
R 1419	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	B	e1
R 1419	CHIP RES.	56k	1/16W	5%	RMC1/16 563JATP	J24185563		3-	B	e1
R 1420	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	B	d4
R 1421	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	B	e1
R 1422	CHIP RES.	330k	1/16W	5%	RMC1/16 334JATP	J24185334		1-	B	f2
R 1423	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e2
R 1424	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e2
R 1425	CHIP RES.	39k	1/16W	5%	RMC1/16 393JATP	J24185393		1-	A	F3
R 1426	CHIP RES.	330k	1/16W	5%	RMC1/16 334JATP	J24185334		1-	B	e2
R 1427	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F3
R 1428	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	B	b3
R 1429	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b3
R 1430	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	e1
R 1431	CHIP RES.	180k	1/16W	5%	RMC1/16 184JATP	J24185184		1-	B	e2
R 1433	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	B	d4
R 1434	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	e1
R 1435	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	B	e1
R 1436	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	b3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 1437	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	F3
R 1438	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	e1
R 1439	CHIP RES.	330k	1/16W	5%	RMC1/16 334JATP	J24185334		1-	B	e1
R 1440	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	B	g2
R 1441	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	B	f1
R 1442	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B4
R 1443	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	B	e1
R 1444	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	F3
R 1445	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	C4
R 1446	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	e1
R 1447	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	B	f2
R 1448	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	e2
R 1450	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	f2
R 1451	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	A3
R 1452	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A3
R 1453	CHIP RES.	3.3k	1/16W	1%	RMC1/16 332FTP	J24183332		1-	A	B4
R 1454	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F3
R 1455	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	F3
R 1456	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F3
R 1457	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F3
R 1458	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	B	e2
R 1460	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	b3
R 1461	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	B	e2
R 1462	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F3
R 1463	CHIP RES.	680k	1/16W	5%	RMC1/16 684JATP	J24185684		1-	B	b4
R 1464	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e1
R 1465	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1-	A	A3
R 1466	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	b3
R 1467	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e2
R 1468	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	B	e1
R 1469	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e1
R 1470	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	c4
R 1471	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A3
R 1472	CHIP RES.	10k	1/16W	1%	RMC1/16 103FTP	J24183103		1-	A	B4
R 1473	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B5
R 1474	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	f3
R 1475	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	A3
R 1476	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	c3
R 1477	CHIP RES.	10k	1/16W	1%	RMC1/16 103FTP	J24183103		1-	A	B4
R 1478	CHIP RES.	10k	1/16W	1%	RMC1/16 103FTP	J24183103		1-	A	B5
R 1479	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e2
R 1480	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	B	e1
R 1481	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	b4
R 1482	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e1
R 1483	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A3
R 1484	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F3
R 1485	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	f3
R 1486	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	c4
R 1487	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	c4
R 1488	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	E4
R 1489	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	e1
R 1490	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e1
R 1491	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e1
R 1492	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	A3
R 1493	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	A	A3
R 1494	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	c4
R 1495	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	c4
R 1496	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	C4
R 1497	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	F4
R 1498	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	E4
R 1499	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	B	f1
R 1500	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A3
R 1501	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	A3
R 1502	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F3
R 1503	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	C4
R 1504	CHIP RES.	200	1/16W	1%	RMC1/16 201FTP	J24183201		1-	A	B3
R 1505	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	e2
R 1506	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	B	e1
R 1507	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	B	f3
R 1508	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	e1
R 1509	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	B3
R 1510	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	A3
R 1511	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	F4
R 1513	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	f2
R 1514	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	B	f3

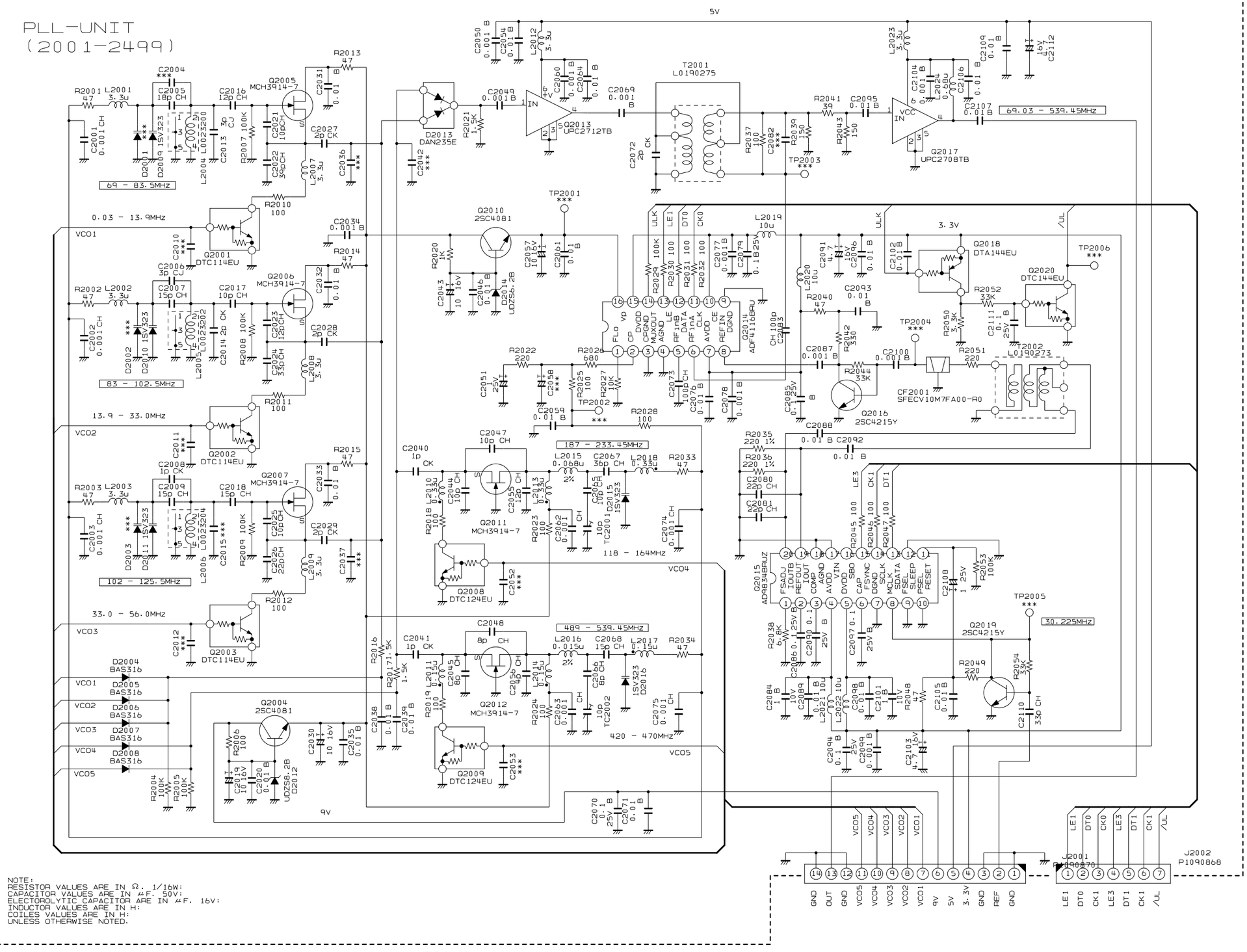
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 1515	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A3
R 1516	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	b4
R 1517	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	b4
R 1518	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C4
R 1519	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	e1
R 1520	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	F3
R 1521	CHIP RES.	200	1/16W	1%	RMC1/16 201FTP	J24183201		1-	A	B3
R 1522	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C4
R 1523	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	A3
R 1524	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	A3
R 1525	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	B	b3
R 1526	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B3
R 1527	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	e2
R 1527	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		4-	B	e2
R 1528	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e2
R 1529	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F3
R 1530	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	B	f1
R 1531	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B3
R 1532	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	f1
R 1533	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	f1
R 1534	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B3
R 1536	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	f1
R 1537	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b4
R 1538	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	b4
R 1539	CHIP RES.	2.2M	1/16W	5%	RMC1/16 225JATP	J24185225		1-	B	e2
R 1540	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	f1
R 1541	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	F4
R 1543	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	C4
R 1544	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b4
R 1545	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	B	f1
R 1546	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	B3
R 1547	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B3
R 1548	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B3
R 1549	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	D4
R 1550	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	f1
R 1551	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B3
R 1552	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	B	f2
R 1553	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	B3
R 1554	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	f1
R 1555	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	B	f1
R 1556	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	b4
R 1557	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C4
R 1558	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	B3
R 1559	CHIP RES.	330k	1/16W	5%	RMC1/16 334JATP	J24185334		1-	A	A2
R 1560	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A2
R 1561	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D4
R 1562	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	f1
R 1563	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	b4
R 1564	CHIP RES.	330k	1/16W	5%	RMC1/16 334JATP	J24185334		1-	B	b4
R 1565	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A2
R 1565	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		3	A	A2
R 1565	CHIP RES.	43k	1/16W	1%	RMC1/16 433FTP	J24183433		4-	A	A2
R 1566	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	B3
R 1567	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B3
R 1568	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	D4
R 1569	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	b4
R 1570	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	B	f1
R 1572	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	B	f1
R 1573	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	B	b4
R 1574	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B3
R 1575	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b4
R 1576	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D4
R 1577	CHIP RES.	4.7	1/16W	5%	RMC1/16 4R7JATP	J24185479		1-	A	B3
R 1578	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	B3
R 1579	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	g1
R 1581	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	B	a1
R 1582	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	B	f1
R 1583	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	D4
R 1584	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	a2
R 1585	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	a2
R 1586	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	A	D4
R 1587	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	B	f1
R 1588	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	C3
R 1589	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	f1
R 1590	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	A1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 1591	CHIP RES.	4.7	1/16W	5%	RMC1/16 4R7JATP	J24185479		1-	A	C4
R 1592	CHIP RES.	39	1/16W	5%	RMC1/16 390JATP	J24185390		1-	A	B3
R 1593	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F1
R 1594	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1		
R 1595	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A1
R 1596	CHIP RES.	270	1/16W	5%	RMC1/16 271JATP	J24185271		1-	A	D4
R 1597	CHIP RES.	18	1/16W	5%	RMC1/16 180JATP	J24185180		1-	A	B3
R 1598	CHIP RES.	39	1/16W	5%	RMC1/16 390JATP	J24185390		1-	A	B2
R 1599	CHIP RES.	4.7	1/16W	5%	RMC1/16 4R7JATP	J24185479		1-	A	D4
R 1600	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	f2
R 1601	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F1
R 1602	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F1
R 1603	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F5
R 1604	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A2
R 1605	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	B	f2
R 1606	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	B	a2
R 1607	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A2
R 1608	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1-	B	f2
R 1609	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1-	B	f2
R 1610	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	B	f2
R 1611	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	B	f2
R 1612	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	a1
R 1613	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B3
R 1614	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	g2
R 1615	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	B	a1
R 1616	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	E4
R 1617	CHIP RES.	0	1/10W	5%	RMC1/10T 000J	J24205000		1-	A	A1
R 1618	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	A3
R 1619	CHIP RES.	0	1/10W	5%	RMC1/10T 000J	J24205000		1-	A	A1
R 1620	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	a2
R 1621	CHIP RES.	2.2k	1/16W	1%	RMC1/16 222FTP	J24183222		1-	B	f2
R 1622	CHIP RES.	2.2k	1/16W	1%	RMC1/16 222FTP	J24183222		1-	B	f2
R 1623	CHIP RES.	0	1W	5%	RMC1 JPATE	J24305000		1-	A	B1
R 1624	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A3
R 1625	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A3
R 1626	CHIP RES.	470	1W	5%	RMC1 471JTE	J24305471		1-	A	A1
R 1627	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A3
R 1629	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A3
R 1630	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	a1
R 1631	CHIP RES.	56	1/16W	5%	RMC1/16 560JATP	J24185560		1-	A	B2
R 1632	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	B	f2
R 1633	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	B2
R 1634	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	A3
R 1635	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1-	B	f2
R 1636	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A1
R 1637	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B2
R 1638	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A1
R 1639	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	a1
R 1640	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A2
R 1641	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A3
R 1642	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	B	f2
R 1643	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A2
R 1644	CHIP RES.	6.8k	1/16W	1%	RMC1/16 682FTP	J24183682		1-	A	A2
R 1645	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	a1
R 1646	CHIP RES.	3.3k	1/16W	1%	RMC1/16 332FTP	J24183332		1-	A	A2
R 1647	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	f2
R 1648	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1-	B	f2
R 1649	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A3
R 1650	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A1
R 1651	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A3
R 1652	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A2
R 1653	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A2
R 1654	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	B	a1
R 1655	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	D4
R 1656	CHIP RES.	22k	1/16W	1%	RMC1/16 223FTP	J24183223		1-	A	A2
R 1657	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	A1
R 1658	CHIP RES.	75k	1/16W	1%	RMC1/16 753FTP	J24183753		1-	A	A2
R 1659	CHIP RES.	33k	1/16W	1%	RMC1/16 333FTP	J24183333		1-	A	A2
R 1660	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	E4
R 1661	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	f2
R 1662	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	f2
R 1663	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A2
R 1664	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	g2
R 1665	CHIP RES.	330k	1/16W	1%	RMC1/16 334FTP	J24183334		1-	A	A2
R 1666	CHIP RES.	150k	1/16W	1%	RMC1/16 154FTP	J24183154		1-	A	A2

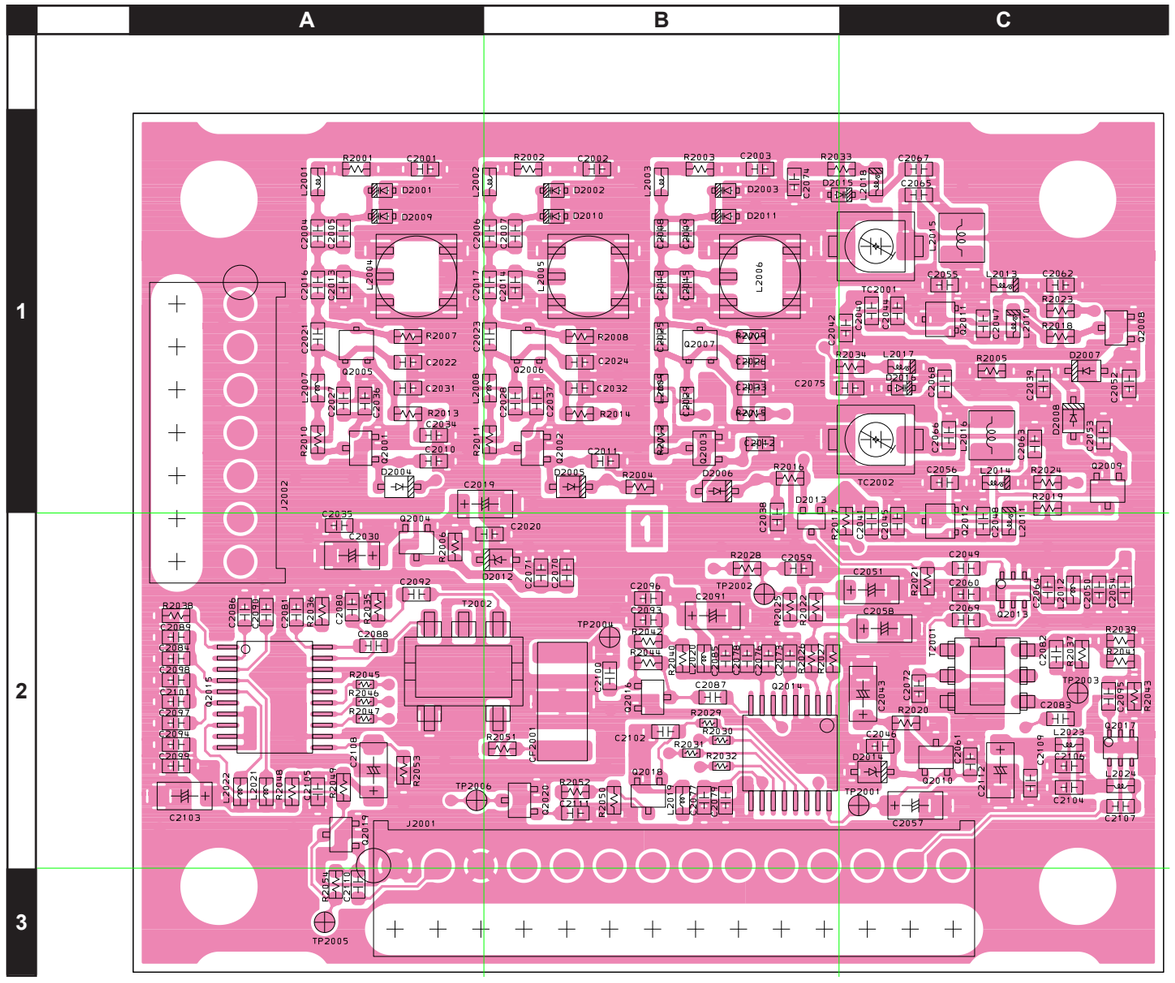
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 1667	CHIP RES.	10k	1/16W	1%	RMC1/16 103FTP	J24183103		1-	A	A2
R 1668	CHIP RES.	1.2k	1/16W	5%	RMC1/16 122JATP	J24185122		1-	A	E4
R 1669	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A3
R 1670	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	E4
R 1671	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A2
R 1671	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		3-	A	A2
R 1672	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	a1
R 1673	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A2
R 1673	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		3-	A	A2
R 1674	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	E5
R 1675	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	D4
R 1676	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	f2
R 1677	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-2	A	A2
R 1678	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	f1
R 1679	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	a1
R 1680	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F4
R 1681	CHIP RES.	15k	1/16W	1%	RMC1/16 153FTP	J24183153		1-	B	f2
R 1682	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	A2
R 1683	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	D4
R 1683	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		4-	A	D4
R 1684	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D4
R 1685	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E4
R 1686	CHIP RES.	68k	1/16W	1%	RMC1/16 683FTP	J24183683		1-	B	f2
R 1687	CHIP RES.	330	1/4W	5%	RMC1/4 331JATP	J24245331		1-	A	A1
R 1688	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	E4
R 1690	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A2
R 1690	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		3-	A	A2
R 1691	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A2
R 1692	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	B	g2
R 1693	CHIP RES.	3.3	1W	5%	RMC1 3R3JTE	J24305339		1-	A	G4
R 1694	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	f2
R 1695	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	f2
R 1696	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B2
R 1697	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	e2
R 1698	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A3
R 1701	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A1
R 1702	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A1
R 1703	CHIP RES.	15	1/16W	5%	RMC1/16 150JATP	J24185150		1-	A	C4
R 1704	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	B	e1
R 1704	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		4-	B	e1
R 1705	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	c4
R 1707	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	c4
R 1708	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	E1
R 1709	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	E1
R 1710	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	E1
R 1711	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A4
R 1712	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A4
R 1713	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A4
R 1714	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	F3
R 1715	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E3
R 1717	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	F4
R 1723	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E4
R 1724	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E5
R 1725	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E5
R 1726	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	E4
R 1728	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	E5
R 1730	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E4
R 1731	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E5
R 1734	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	E4
R 1735	CHIP RES.	47	1/16W	5%	RMC1/16S 470JTH	J24189009		1-	A	B2
R 1736	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	d3
R 1737	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	d3
R 1738	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	B	d3
R 1739	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A4
R 1740	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B3
R 1742	CHIP RES.	15	1/16W	5%	RMC1/16 150JATP	J24185150		3-	A	B2
R 1744	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b1
R 1745	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	f1
R 1746	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	A	F1
R 1748	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	A	E1
R 1749	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	d3
R 1750	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	B	d3
R 1751	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b1
R 1752	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	A	F1
R 1753	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	B	b1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 1754	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	c1
R 1755	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	d2
R 1756	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	b1
R 1757	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	c2
R 1758	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	B	c2
R 1759	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	c1
R 1760	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	B	c2
R 1761	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	A	E2
R 1762	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	c2
R 1763	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	c2
R 1764	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	B	c2
R 1765	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	B	c2
R 1766	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	c2
R 1768	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	c2
R 1769	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	D3
R 1770	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	B	c2
R 1771	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	c2
R 1772	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	d2
R 1773	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	B	d2
R 1774	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	B	c3
R 1775	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	d2
R 1777	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	B	d2
R 1778	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	a1
R 1779	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	c1
R 1780	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	D2
R 1781	CHIP RES.	27	1/16W	5%	RMC1/16 270JATP	J24185270		1-	A	D2
R 1781	CHIP RES.	27	1/16W	5%	RMC1/16S 270JTH	J24189006		11-	A	D2
R 1782	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	D2
R 1783	CARBON FILM RES.	100k	1/6W	5%	RD16TPJ104 100K	J07225104		1-	B	f3
R 1783	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		3-	B	f3
R 1784	CHIP RES.	6.8k	1/10W	5%	RMC1/10T 682J	J24205682		1-	B	f3
R 1784	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		3-	B	f3
R 1785	CHIP RES.	6.8k	1/10W	5%	RMC1/10T 682J	J24205682		1-	B	f2
R 1785	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		3-	B	f2
R 1786	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	B1
R 1786	CHIP RES.	6.8k	1/16W	5%	RMC1/16S 682JTH	J24189035		3-	A	B1
R 1787	CARBON FILM RES.	220k	1/6W	5%	RD16PJ224 220K	J01225224		1-	A	B1
R 1787	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		3-	A	B1
R 1788	CHIP RES.	3.3M	1/16W	5%	RMC1/16 335JATP	J24185335		1-	A	C4
R 1789	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		3-	A	A2
R 1790	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		2-3	A	C1
R 1791	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		3-	A	B1
R 1793	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		7-	B	e2
R 1794	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		7-	B	e2
R 1796	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		3	B	g2
R 1796	CHIP RES.	33k	1/16W	1%	RMC1/16 333FTP	J24183333		4-	B	g2
R 1797	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	C1
RL1001	RELAY		DC12V		FTR-B3GA012Z-B10 DC12V	M1190201		1-	A	F1
RL1002	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	A1
RL1003	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	F4
RL1004	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	F3
T 1001	COIL 05RF				M5-N1 R12-T635Y	L0022651		1-	A	F2
T 1002	BALUN TRANSFOMER$				#458DB-1616=P3	L0190246		1-	A	C1
T 1003	COIL 05RF				M5-N1 R12-T635Y	L0022651		1-	A	F2
T 1004	BALUN TRANSFOMER$				#458DB-1616=P3	L0190246		1-	A	D1
T 1005	COIL 05RF				M5-N1 R12-T635Y	L0022651		1-	A	E1
T 1006	COIL 05RF				M5-N1 R12-T635Y	L0022651		1-	A	D1
T 1007	COIL 05RF				M5-N1 R12-T635Y	L0022651		1-	A	C1
T 1008	COIL 05RF				M5-N1 R12-T635Y	L0022651		1-	A	C1
T 1009	BALUN TRANSFOMER$				120491012A	L0023160		1-	A	D2
T 1010	BALUN TRANSFOMER$				#458DB-1616=P3	L0190246		1-	A	C2
T 1011	BALUN TRANSFOMER$				120491012A	L0023160		1-	A	D2
T 1012	BALUN TRANSFOMER$				#458DB-1616=P3	L0190246		1-	A	E2
T 1013	BALUN TRANSFOMER$				#458DB-1616=P3	L0190246		1-	A	E3
T 1014	BALUN TRANSFOMER$				#458DB-1616=P3	L0190246		1-	A	C2
T 1016	BALUN TRANSFOMER$				#458DB-1616=P3	L0190246		1-	A	E2
T 1017	COIL 05RF				M5-N1 R12-T635Y	L0022651		1-	A	D3
T 1018	COIL 05RF				M5-N1 R12-T661Y	L0022674		1-	A	B2
T 1019	BALUN TRANSFOMER$				#458PT-1917	L0023156		1-	A	D3
T 1020	BALUN TRANSFOMER$				#458PT-1586	L0190276		1-	A	D3
T 1021	COIL 05RF				M5-N1 R12-T661Y	L0022674		1-	A	B2
T 1022	COIL 05RF				M5-N1 R12-T661Y	L0022674		1-	A	A2
T 1023	BALUN TRANSFOMER$				#458PT-1917	L0023156		1-	A	D3
T 1024	COIL 05RF				M5-N1 R12-T661Y	L0022674		1-	A	A2
T 1025	COIL 05RF				74.62M 010812302	L0022781		1-	A	F3

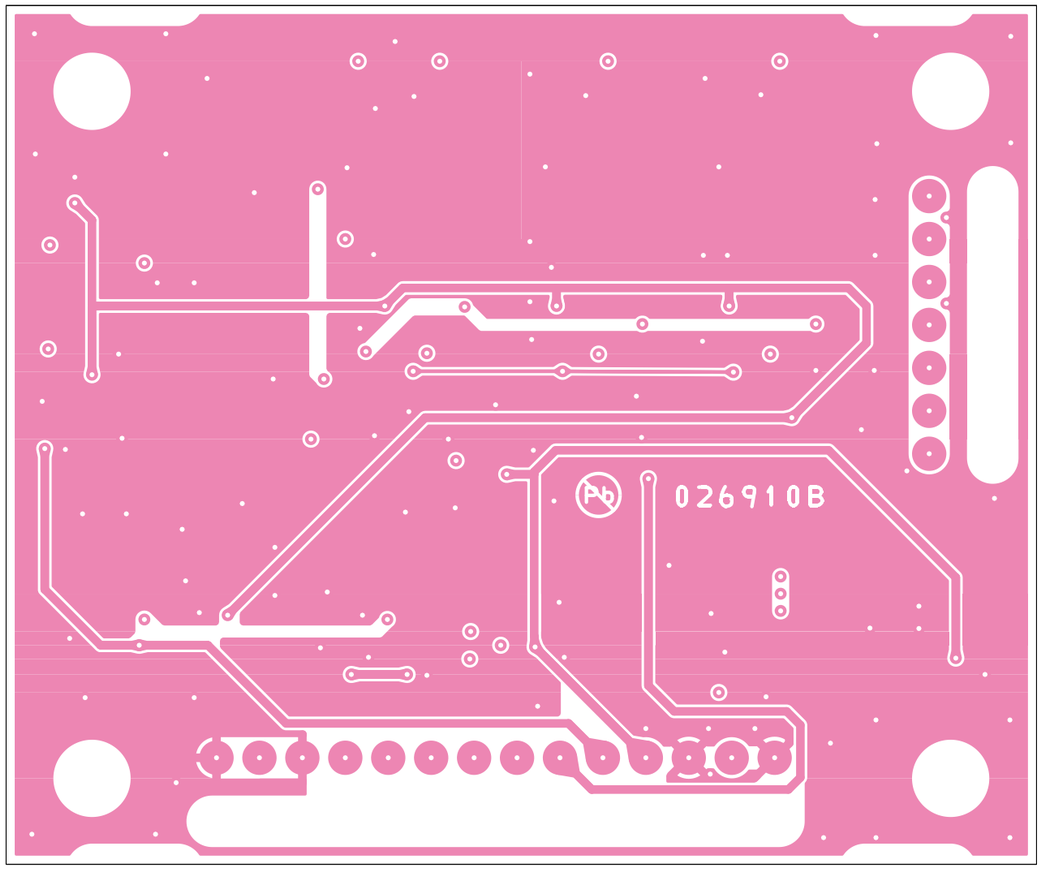
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
T 1026	COIL 05RF				M5-N1 R12-T661Y	L0022674		1-	A	F4
T 1027	COIL 05RF				M5-N1 R12-T661Y	L0022674		1-	A	C4
T 1028	COIL 05RF				M5-N1 R12-T661Y	L0022674		1-	A	C4
T 1029	COIL 05RF				R12-S970B	L0022493		1-	A	B2
T 1030	COIL 05RF				M5-N1 R12-T661Y	L0022674		1-	A	D4
T 1031	BALUN TRANSFOMERS				#458PT-1917	L0023156		1-	A	F4
T 1032	BALUN TRANSFOMERS				080812769	L0023049		1-	A	B2
T 1033	COIL 05RF				M5-N1 R12-T661Y	L0022674		1-	A	D4
T 1034	BALUN TRANSFOMERS				#458PT-1917	L0023156		1-	A	F4
T 1035	BALUN TRANSFOMERS				070812735D	L0023046		1-	A	D4
T 1036	BALUN TRANSFOMERS				080812770	L0023050		1-	A	E4
T 1037	BALUN TRANSFOMERS				070812735D	L0023046		1-	A	D4
T 1038	BALUN TRANSFOMERS				080812770	L0023050		1-	A	E4
T 1039	BALUN TRANSFOMERS				110491003	L0023126		1-	A	E4
T 1040	BALUN TRANSFOMERS				#617DS-1710	L0190275		1-	A	F4
TC1001	TRIMMER CAP.	3pF			TZC3Z030A110R00	K91000280		1-	A	E1
TC1002	TRIMMER CAP.	6pF			TZC3Z060A110R00	K91000281		1-	A	D1
TC1003	TRIMMER CAP.	6pF			TZC3Z060A110R00	K91000281		1-	A	D1
TC1004	TRIMMER CAP.	6pF			TZC3Z060A110R00	K91000281		1-	A	C2
TC1006	TRIMMER CAP.	10pF			TZB4Z100AB10R00	K91000279		1-	A	D4
TC1006	TRIMMER CAP.	10pF			TZB4Z100AB10R00	K91000279		12-	A	D4
TC1007	TRIMMER CAP.	6pF			TZC3Z060A110R00	K91000281		1-	A	E2
TP1005	CHECK TERMINAL				RCTCTE	Q5000103		1-2	A	C2
TP1005	CHECK TERMINAL				RCTCTE	Q5000103		4-	A	C2
TP1006	CHECK TERMINAL				RCTCTE	Q5000103		1-	A	B2
TP1008	CHECK TERMINAL				RCTCTE	Q5000103		1-	A	C4
TP1010	CHECK TERMINAL				RCTCTE	Q5000103		1-2		
TP1016	CHECK TERMINAL				RCTCTE	Q5000103		3-	A	E3
TP1024	CHECK TERMINAL				RCTCTE	Q5000103		1-	A	B2
TP1025	CHECK TERMINAL				RCTCTE	Q5000103		1-	A	F4
VR1001	POT.	10k			EVM3YSX50B14	J51833103		1-	A	A2
X 1001	XTAL DSX321G	24MHz			DSX321G 24.000MHZ	H0103444		1-	A	F4
X 1002	XTAL DSX321G	12MHz			DSX321G 12.000MHZ	H0103442		1-	B	a4
X 1003	VCTCXO	30.225MHz			DSA321SDM 30.225MHZ	H9501490		1-	A	B4
XF1001	XTAL FILTER				1D69403GQ1 69.450MHZ	H1102489		1-	A	E3
XF1002	XTAL FILTER				1D69412GQ1 69.450MHZ	H1102488		1-	A	E3
XF1003	XTAL FILTER				MF9MB 9.000MHZ	H1102452		1-	A	E4
XF1004	XTAL FILTER				MF9MB 9.000MHZ	H1102452		1-	A	E4
	SHIELD CASE					RA0659300		1-		
	SHIELD CASE COVER				(37x30.5)	RA1152400		1-		
	SHIELD CASE				(21X25)	RA0830300		1-		
	SHIELD CASE COVER				(21X25)	RA0830400		1-		
	SHIELD CASE				(28x15)	RA1152200		1-		
	SHIELD CASE COVER				(28x15)	RA1152300		1-		
	SHIELD PLATE					RA6002100		1-		



NOTE:
RESISTOR VALUES ARE IN Ω. 1/16W:
CAPACITOR VALUES ARE IN μF. 50V:
ELECTOROLYTIC CAPACITOR ARE IN μF. 16V:
INDUCTOR VALUES ARE IN H:
COILES VALUES ARE IN H:
UNLESS OTHERWISE NOTED.



side A



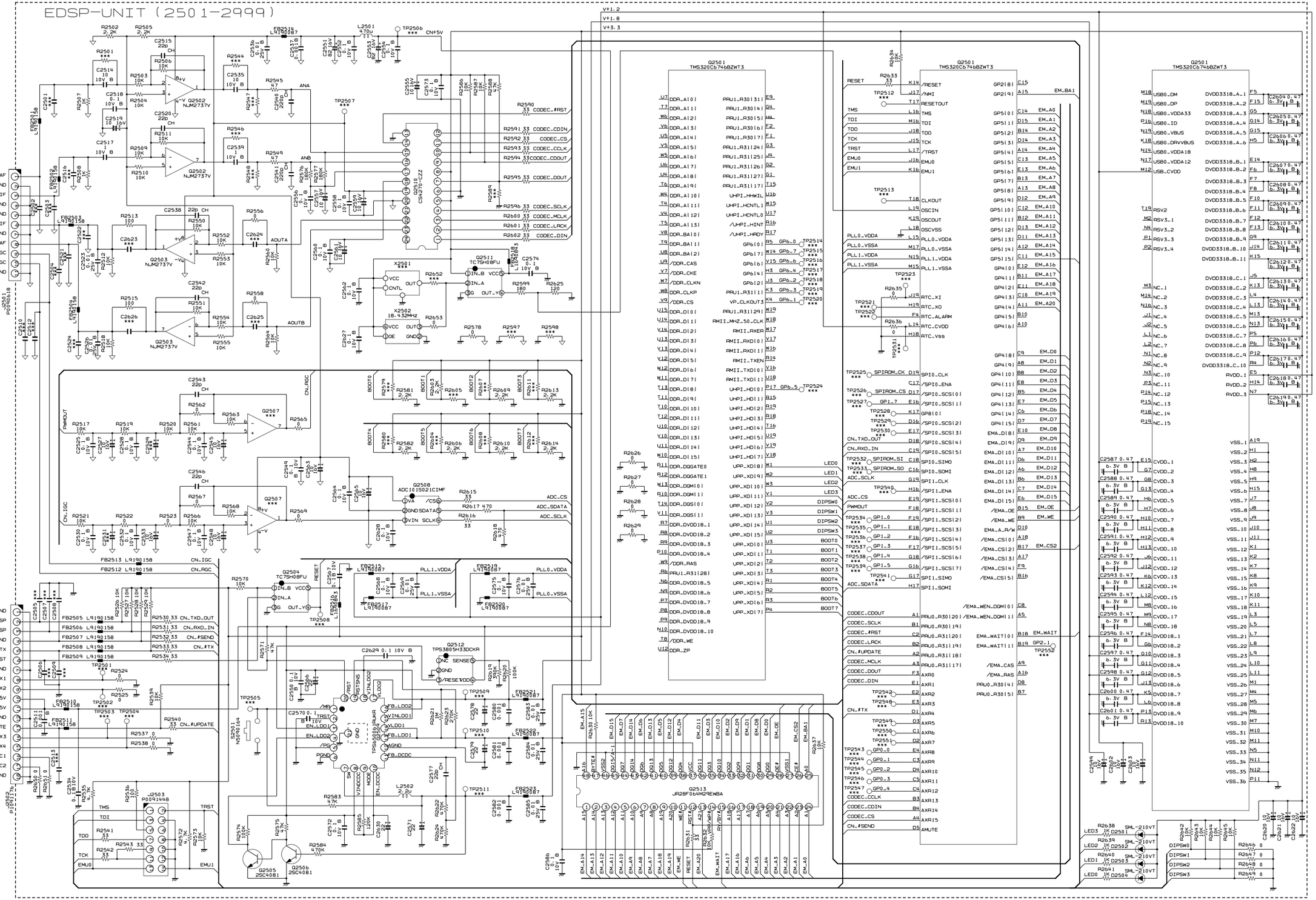
side B

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CS2344601				
C 2001	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	A1
C 2002	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	B1
C 2003	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	B1
C 2004	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	A1
C 2005	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	A1
C 2006	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	B1
C 2007	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	B1
C 2008	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0BA01D	K22174272		1	A	B1
C 2008	CHIP CAP.	8pF	50V	CH	GRM1882C1H8R0DA01D	K22174209		2-	A	B1
C 2009	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1	A	B1
C 2009	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		2-	A	B1
C 2013	CHIP CAP.	11pF	50V	CH	GRM1882C1H110JA01D	K22174212		1-	A	A1
C 2014	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CA01D	K22174204		1-	A	B1
C 2015	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CA01D	K22174205		1	A	B1
C 2015	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CA01D	K22174204		2-	A	B1
C 2016	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	A1
C 2017	CHIP CAP.	8pF	50V	CH	GRM1882C1H8R0DA01D	K22174209		1-	A	B1
C 2018	CHIP CAP.	8pF	50V	CH	GRM1882C1H8R0DA01D	K22174209		1	A	B1
C 2018	CHIP CAP.	9pF	50V	CH	GRM1882C1H9R0DA01D	K22174210		2-	A	B1
C 2019	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	B1
C 2020	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 2021	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	A1
C 2022	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	A1
C 2023	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	B1
C 2024	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	B1
C 2025	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	B1
C 2026	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	B1
C 2027	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CA01D	K22174203		1-	A	A1
C 2028	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CA01D	K22174203		1-	A	B1
C 2029	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CA01D	K22174203		1-	A	B1
C 2030	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	A2
C 2031	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 2032	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 2033	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 2034	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A1
C 2035	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2038	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 2039	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 2040	CHIP CAP.	1pF	50V	CK	GRM1884C1H1R0BA01D	K22174267		1-	A	C1
C 2041	CHIP CAP.	1pF	50V	CK	GRM1884C1H1R0BA01D	K22174267		1-	A	C2
C 2043	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	C2
C 2044	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	C1
C 2045	CHIP CAP.	6pF	50V	CH	GRM1882C1H6R0DA01D	K22174207		1-	A	C2
C 2046	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 2047	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	C1
C 2048	CHIP CAP.	6pF	50V	CH	GRM1882C1H6R0DA01D	K22174207		1-	A	C2
C 2049	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 2050	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 2051	CHIP TA.CAP.	1uF	25V		TMCMA1E105MTRF	K78140013		1-	A	C2
C 2054	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 2055	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	C1
C 2056	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CA01D	K22174206		1-	A	C1
C 2057	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	C2
C 2059	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 2060	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 2061	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 2062	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	C1
C 2063	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	C1
C 2064	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 2065	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	C1
C 2066	CHIP CAP.	8pF	50V	CH	GRM1882C1H8R0DA01D	K22174209		1	A	C1
C 2066	CHIP CAP.	9pF	50V	CH	GRM1882C1H9R0CA01D	K22174247		2-	A	C1
C 2067	CHIP CAP.	36pF	50V	CH	GRM1882C1H360JA01D	K22174224		1-	A	C1
C 2068	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	C1
C 2069	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 2070	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B2
C 2071	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 2072	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CA01D	K22174203		1-	A	C2
C 2073	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	B2
C 2074	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	B1
C 2075	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	C1
C 2076	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 2077	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B2
C 2078	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 2079	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B2
C 2080	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	A2
C 2081	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	A2
C 2083	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	C2
C 2084	CHIP CAP.	1uF	10V	B	GRM188B11A105KA61D	K22104808		1-	A	A2
C 2085	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B2
C 2086	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A2
C 2087	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B2
C 2088	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2089	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2090	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A2
C 2091	CHIP TA.CAP.	4.7uF	16V		TMCMA1C475MTRF	K78120031		1-	A	B2
C 2092	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2093	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 2094	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A2
C 2095	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 2096	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 2097	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A2
C 2098	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2099	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A2
C 2100	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	B2
C 2101	CHIP CAP.	1uF	10V	B	GRM188B11A105KA61D	K22104808		1-	A	A2
C 2102	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 2103	CHIP TA.CAP.	4.7uF	16V		TMCMA1C475MTRF	K78120031		1-	A	A2
C 2104	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 2105	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2106	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 2107	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 2108	CHIP TA.CAP.	1uF	25V		TMCMA1E105MTRF	K78140013		1-	A	A2
C 2109	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 2110	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	A3
C 2111	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B2
C 2112	CHIP TA.CAP.	4.7uF	16V		TMCMA1C475MTRF	K78120031		1-	A	C2
CF2001	CERAMIC FILTER				SFECV10M7FA00-R0-TC	H3900537		1-	A	B2
D 2001	DIODE				1SV325(TPH3.F)	G2070848		1-	A	A1
D 2002	DIODE				1SV325(TPH3.F)	G2070848		1-	A	B1
D 2003	DIODE				1SV325(TPH3.F)	G2070848		1-	A	B1
D 2004	DIODE				BAS316	G2070716		1-	A	A1
D 2005	DIODE				BAS316	G2070716		1-	A	B1
D 2006	DIODE				BAS316	G2070716		1-	A	B1
D 2007	DIODE				BAS316	G2070716		1-	A	C1
D 2008	DIODE				BAS316	G2070716		1-	A	C1
D 2009	DIODE				1SV325(TPH3.F)	G2070848		1-	A	A1
D 2010	DIODE				1SV325(TPH3.F)	G2070848		1-	A	B1
D 2011	DIODE				1SV325(TPH3.F)	G2070848		1	A	B1
D 2011	DIODE				1SV325(TPH3.F)	G2070848		2-	A	B1
D 2012	DIODE				UDZS TE-17 8.2B	G2070890		1-	A	B2
D 2013	DIODE				DAN235E TL	G2070612		1-	A	B2
D 2014	DIODE				UDZS TE-17 6.2B	G2070912		1-	A	C2
D 2015	DIODE				1SV323(TPH3.F)	G2071006		1-	A	C1
D 2016	DIODE				1SV323(TPH3.F)	G2071006		1-	A	C1
J 2001	CONNECTOR				IMSA-9133S-14D	P1090870		1-	A	A3
J 2002	CONNECTOR				IMSA-9133S-07D	P1090868		1-	A	A1
L 2001	M.RFC	3.3uH			LK1608 3R3K-T	L1690686		1-	A	A1
L 2002	M.RFC	3.3uH			LK1608 3R3K-T	L1690686		1-	A	B1
L 2003	M.RFC	3.3uH			LK1608 3R3K-T	L1690686		1-	A	B1
L 2004	COIL 05RF				CS-4N 5203-G002	L0023020		1-	A	A1
L 2005	COIL 05RF				CS-4N 5203-G002	L0023020		1-	A	B1
L 2006	COIL 05RF				CS-4N 5203-G003	L0023021		1-	A	B1
L 2007	M.RFC	3.3uH			LK1608 3R3K-T	L1690686		1-	A	A1
L 2008	M.RFC	3.3uH			LK1608 3R3K-T	L1690686		1-	A	B1
L 2009	M.RFC	3.3uH			LK1608 3R3K-T	L1690686		1-	A	B1
L 2010	M.RFC	0.47uH			HK1608 R47J-T	L1691577		1-	A	C1
L 2011	M.RFC	0.47uH			HK1608 R47J-T	L1691577		1-	A	C2
L 2012	M.RFC	3.3uH			LK1608 3R3K-T	L1690686		1-	A	C2
L 2013	M.RFC	0.47uH			HK1608 R47J-T	L1691577		1-	A	C1
L 2014	M.RFC	0.47uH			HK1608 R47J-T	L1691577		1-	A	C1
L 2015	M.RFC	0.068uH		2%	1008HQ-68NXGLC	L1691707		1-	A	C1
L 2016	M.RFC	0.015uH		2%	1008CS-150XGLC	L1691660		1-	A	C1
L 2017	M.RFC	0.15uH			HK1608 R15J-T	L1690938		1-	A	C1
L 2018	M.RFC	0.33uH			HK1608 R33J-T	L1691586		1-	A	C1
L 2019	M.RFC	10uH			LK1608 100K-T	L1690689		1-	A	B2
L 2020	M.RFC	10uH			LK1608 100K-T	L1690689		1-	A	B2
L 2021	M.RFC	10uH			LK1608 100K-T	L1690689		1-	A	A2
L 2022	M.RFC	10uH			LK1608 100K-T	L1690689		1-	A	A2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
L 2023	M.RFC	3.3uH			LK1608 3R3K-T	L1690686		1-	A	C2
L 2024	M.RFC	0.68uH			LK1608 R68K-T	L1690416		1-	A	C2
Q 2001	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	A1
Q 2002	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	B1
Q 2003	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	B1
Q 2004	TRANSISTOR				2SC4081 T106	G3340818		1-	A	A2
Q 2005	FET				MCH3914-7-TL-H	G3070439		1-	A	A1
Q 2006	FET				MCH3914-7-TL-H	G3070439		1-	A	B1
Q 2007	FET				MCH3914-7-TL-H	G3070439		1-	A	B1
Q 2008	TRANSISTOR				DTC124EUA T106	G3070045		1-	A	C1
Q 2009	TRANSISTOR				DTC124EUA T106	G3070045		1-	A	C1
Q 2010	TRANSISTOR				2SC4081 T106	G3340818		1-	A	C2
Q 2011	FET				MCH3914-7-TL-H	G3070439		1-	A	C1
Q 2012	FET				MCH3914-7-TL-H	G3070439		1-	A	C2
Q 2013	IC				UPC2712TB-E3	G1095032		1-	A	C2
Q 2014	IC				ADF4116BRUZ(TAPE)	G1093581		1-	A	B2
Q 2015	IC				AD9834BRUZ-REEL7	G1094297		1-	A	A2
Q 2016	TRANSISTOR				2SC4215Y(TE85R.F)	G3342157Y		1-	A	B2
Q 2017	IC				UPC2708TB-E3	G1095112		1-	A	C2
Q 2018	TRANSISTOR				DTA144EU T106	G3070079		1-	A	B2
Q 2019	TRANSISTOR				2SC4215Y(TE85R.F)	G3342157Y		1-	A	A2
Q 2020	TRANSISTOR				DTC144EUA T106	G3070041		1-	A	B2
R 2001	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A1
R 2002	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B1
R 2003	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B1
R 2004	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B1
R 2005	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C1
R 2006	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A2
R 2007	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A1
R 2008	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B1
R 2009	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B1
R 2010	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	A1
R 2011	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	B1
R 2012	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	B1
R 2013	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	A1
R 2014	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	B1
R 2015	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	B1
R 2016	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	B1
R 2017	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	C2
R 2018	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	C1
R 2019	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	C1
R 2020	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C2
R 2020	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		10-	A	C2
R 2021	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	C2
R 2022	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	A	B2
R 2023	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	A	C1
R 2024	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	C1
R 2025	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B2
R 2026	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B2
R 2027	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2
R 2028	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B2
R 2029	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B2
R 2030	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	B2
R 2031	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	B2
R 2032	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	B2
R 2033	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C1
R 2034	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C1
R 2035	CHIP RES.	220	1/16W	1%	RMC1/16 221FTP	J24183221		1-	A	A2
R 2036	CHIP RES.	220	1/16W	1%	RMC1/16 221FTP	J24183221		1-	A	A2
R 2037	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C2
R 2038	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	A2
R 2039	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	C2
R 2040	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B2
R 2041	CHIP RES.	39	1/16W	5%	RMC1/16 390JATP	J24185390		1-	A	C2
R 2042	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B2
R 2043	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	C2
R 2044	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B2
R 2045	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	A2
R 2046	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	A2
R 2047	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	A2
R 2048	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A2
R 2049	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	A2
R 2050	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	B2
R 2051	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	B2
R 2052	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	B2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 2053	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A2
R 2054	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	A3
T 2001	BALUN TRANSFOMERS				#617DS-1710	L0190275		1-	A	C2
T 2002	BALUN TRANSFOMERS				#458PT-1565	L0190273		1-	A	A2
TC2001	TRIMMER CAP.	10pF			TZB4Z100AB10R00	K91000279		1-	A	C1
TC2001	TRIMMER CAP.	10pF			TZB4Z100AA10R00	K91000285		12-	A	C1
TC2002	TRIMMER CAP.	10pF			TZB4Z100AB10R00	K91000279		1-	A	C1
TC2002	TRIMMER CAP.	10pF			TZB4Z100AA10R00	K91000285		12-	A	C1
	SHIELD CASE COVER				(50x60)	RA6001700		1-		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V+1.8
V+3.3
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CODEC_CDIN
CODEC_CS
CODEC_CCLK
CODEC_CDOUT
CODEC_DOUT
CODEC_SCLK
CODEC_MCLK
CODEC_LRCK
CODEC_DIN
ANA
ANB
AOUTA
AOUTB
CN+5V
TX AF
RX AF
TX IF
RX IF
GND
IGC
RGC
Q2502
NJM2737V
Q2503
NJM2737V
Q2507
Q2504
TC7SH08FU
Q2505
2SC4081
Q2506
2SC4081
Q2508
ADC101S021CIMF
ADC_CS
ADC_SDATA
ADC_SCLK
Q2510
CSH270-CZZ
Q2511
TC7SH08FU
Q2512
TPS3805H33DCKR
X2501
X2502
18.432MHz
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JR28F064M29EWBA
J2503
P0911448
TMS
TDI
TDO
TCK
TRST
EMU0
EMU1
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CN_RXD_IN
CN_TXD_OUT
CN_#UPDATE
SPIROM_CK
SPIROM_CS
SPIROM_SI
SPIROM_SO
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LED1
LED2
LED3
DIPSW0
DIPSW1
DIPSW2
DIPSW3
SML-210VT
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D2502
D2503
D2504
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DDR_DVDD18_7
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DDR_DVDD18_9
DDR_DVDD18_10
DDR_WE
DDR_ZP
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USB0_DP
USB0_VDDA33
USB0_ID
USB0_VBUS
USB0_DRVVBUS
USB0_VDDA18
USB0_VDDA12
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RSV3_1
RSV3_2
RSV3_3
RSV3_4
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DVDD3318_C_10
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RVDD_2
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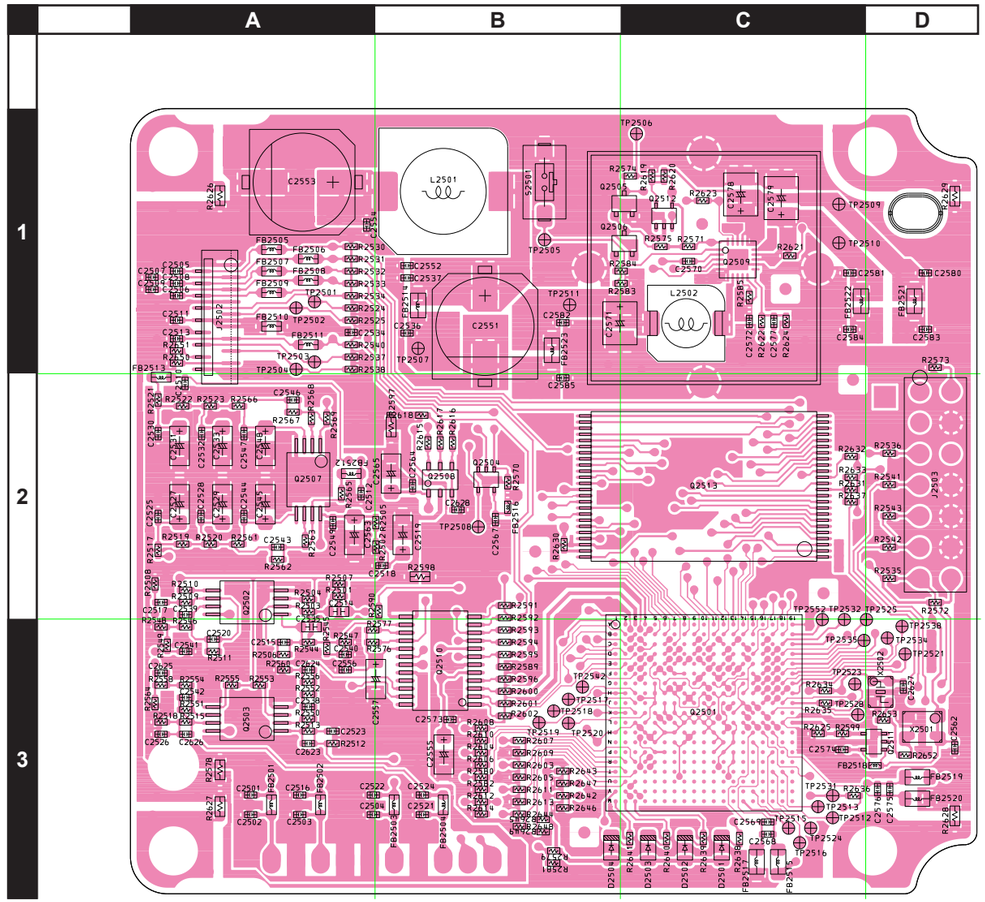
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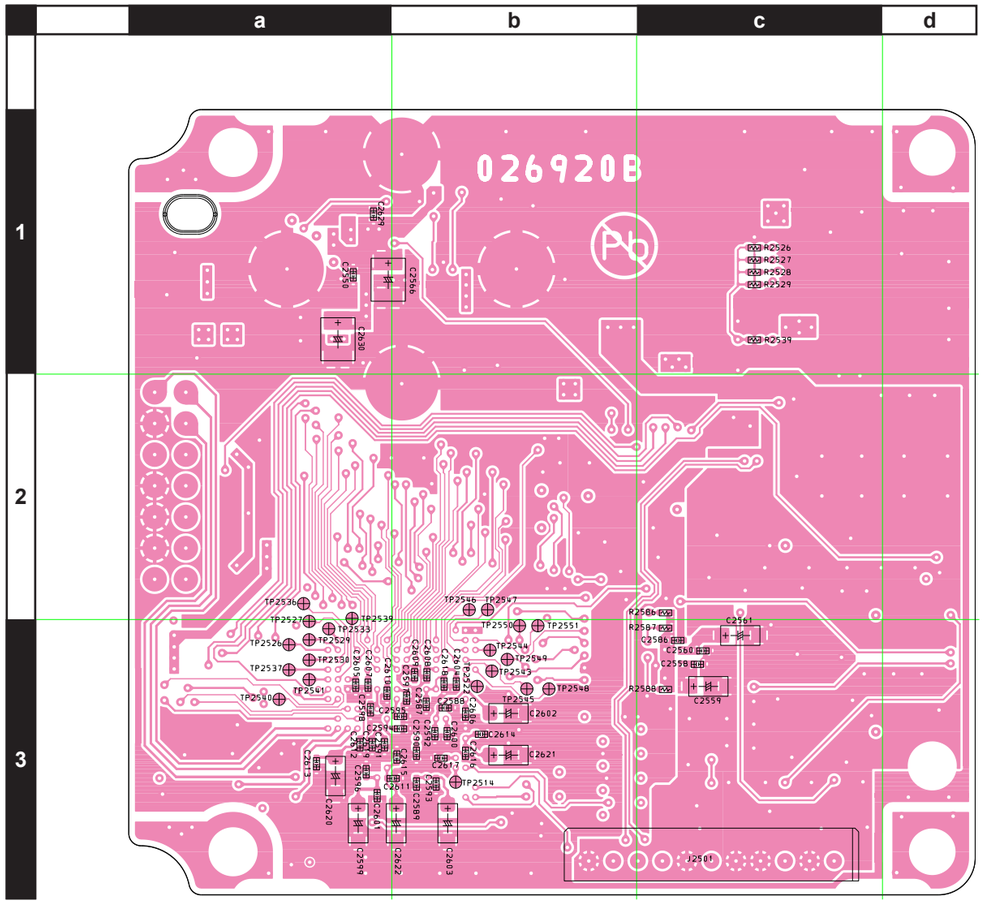
side A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c
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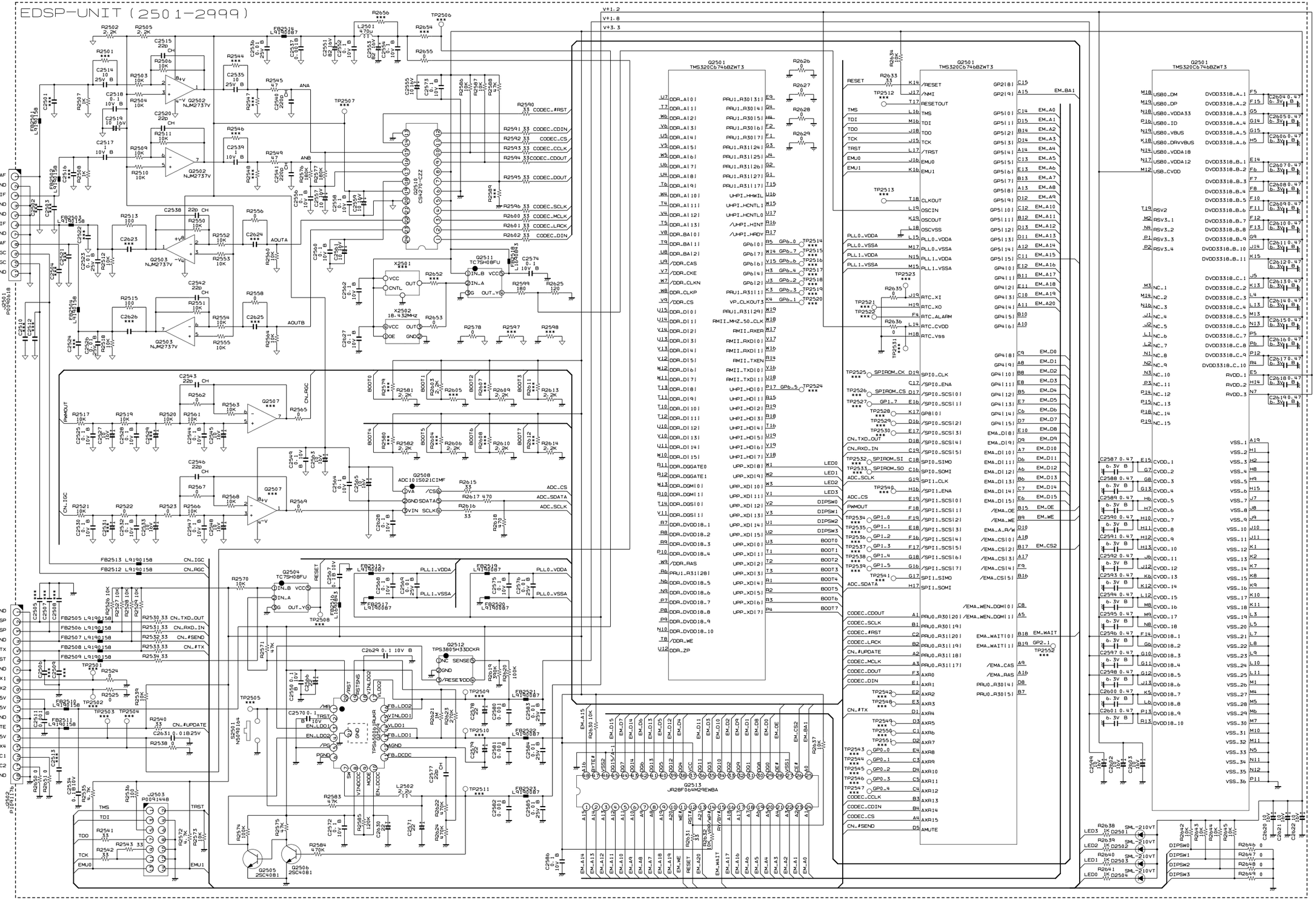
side B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V+3.3
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Q2512
TPS3805H33DCKR
Q2504
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Q2505
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Q2507
Q2508
ADC101S021CIMF
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TP2505
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CODEC_MCLK
CODEC_LRCK
CODEC_DIN
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ANB
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AOUTB
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CN_#UPDATE
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ADC_SCLK
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SPIROM_CS
SPIROM_SI
SPIROM_SO
ADC_SCLK
ADC_CS
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LED3
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DIPSW2
DIPSW3
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BOOT2
BOOT3
BOOT4
BOOT5
BOOT6
BOOT7
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PLL1_VSSA
PLL0_VDDA
PLL0_VSSA
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TDI
TDO
TCK
TRST
EMU0
EMU1
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/NMI
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CLKOUT
OSCIN
OSCOUT
OSCVSS
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RTC_XO
RTC_ALARM
RTC_CVDD
RTC_Vss
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EM_A1
EM_A2
EM_A3
EM_A4
EM_A5
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UHPI_HD4
UHPI_HD5
UHPI_HD6
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USB0_VDDA12
USB_CVDD
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RSV3_1
RSV3_2
RSV3_3
RSV3_4
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NC_2
NC_3
NC_4
NC_5
NC_6
NC_7
NC_8
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NC_14
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DVDD3318_C_4
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DVDD3318_C_8
DVDD3318_C_9
DVDD3318_C_10
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RVDD_2
RVDD_3
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CVDD_2
CVDD_3
CVDD_4
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CVDD_8
CVDD_9
CVDD_10
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CVDD_17
CVDD_18
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DVDD18_2
DVDD18_3
DVDD18_4
DVDD18_5
DVDD18_6
DVDD18_7
DVDD18_8
DVDD18_9
DVDD18_10
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RX 1F
GND
GND
TX 1F
GND
RX AF
IGC
RGC
GND
FDSP
TDSP
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GND
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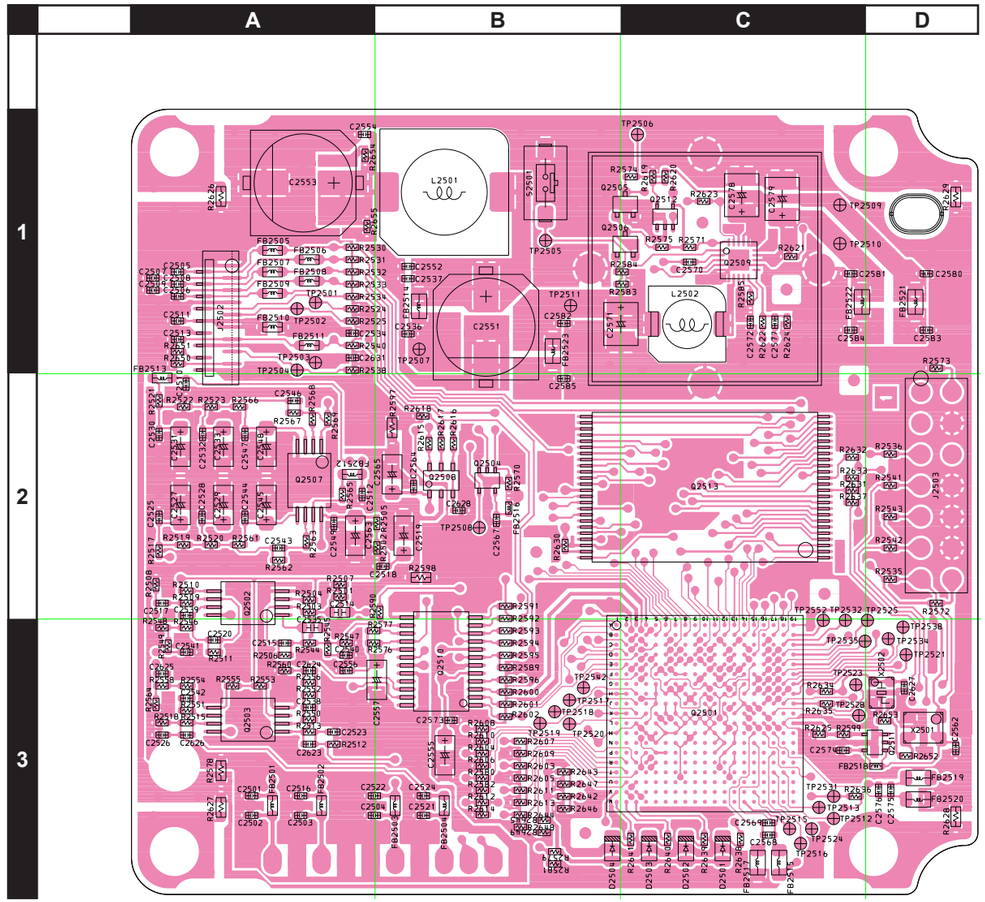
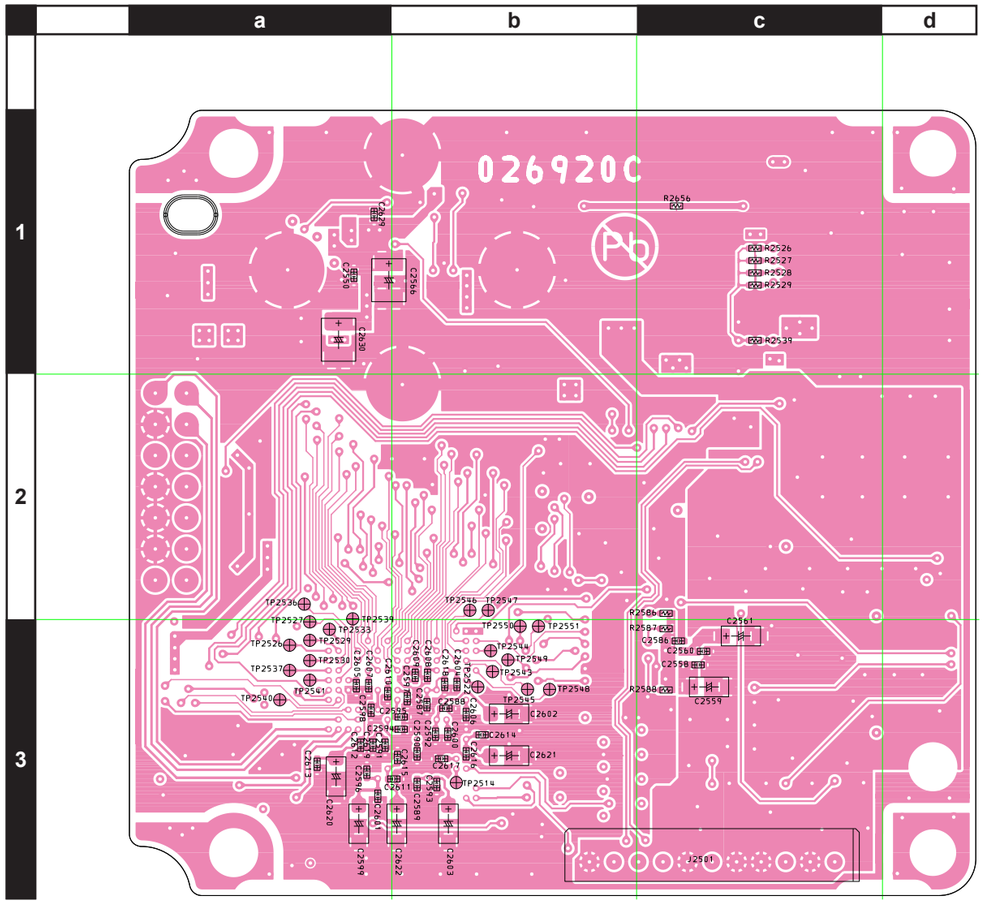
DS 5V
GND
UPDATE
5V
AUX4
NC1
NC2
GND



side A



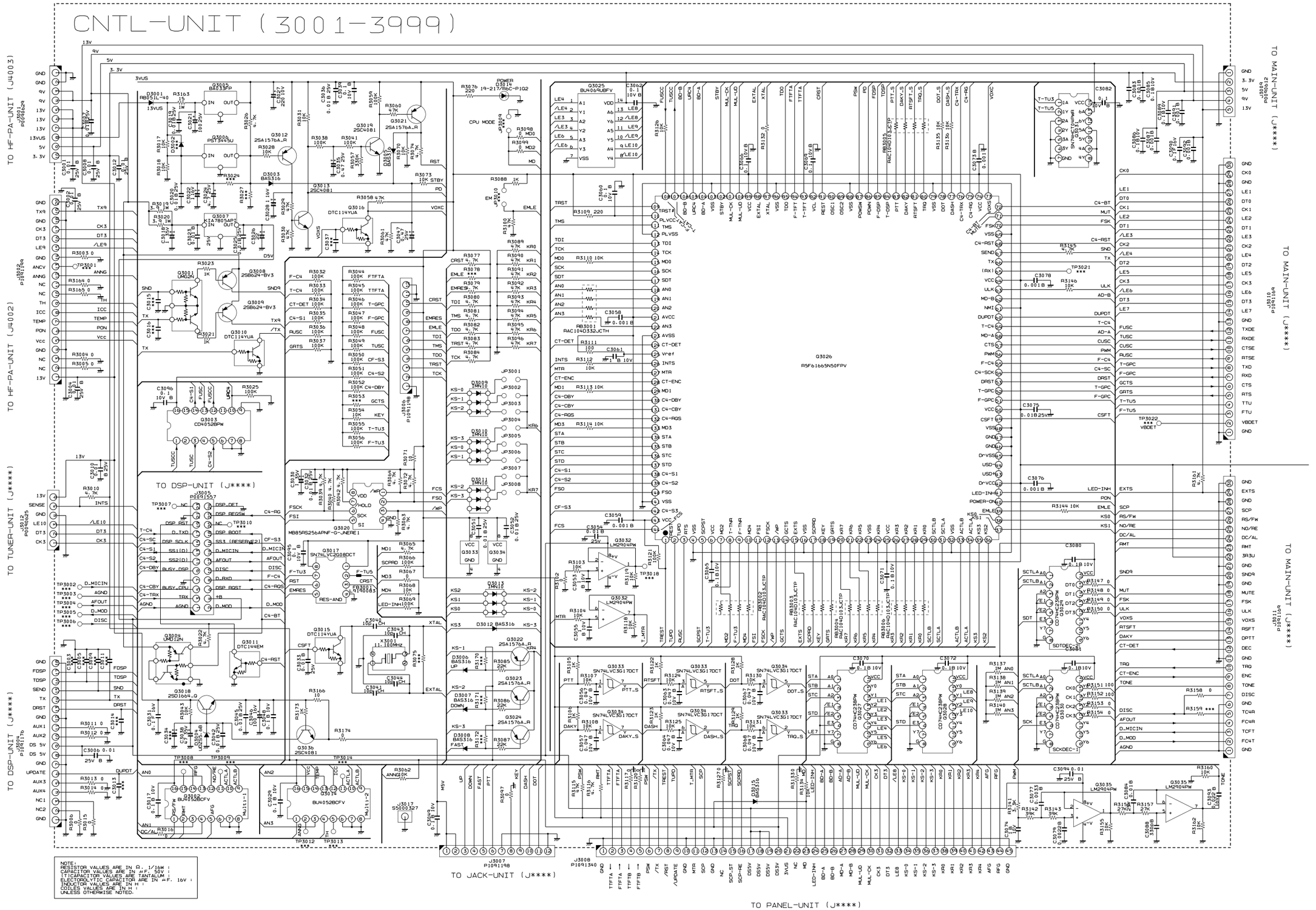
side B

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CS2347701				
C 2511	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A1
C 2514	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	A	A2
C 2515	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	A3
C 2517	CHIP CAP.	1uF	10V	B	GRM155B31A105KE15D	K22108809		1-	A	A2
C 2518	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2
C 2519	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	B2
C 2520	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	A3
C 2523	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A3
C 2525	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A2
C 2526	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A3
C 2527	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	A2
C 2528	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A2
C 2530	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A2
C 2532	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A2
C 2533	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	A2
C 2534	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A1
C 2535	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	A	A3
C 2536	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B1
C 2537	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B1
C 2538	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	A3
C 2539	CHIP CAP.	1uF	10V	B	GRM155B31A105KE15D	K22108809		1-	A	A2
C 2540	CHIP CAP.	220pF	50V	CH	GRM1552C1H221JA01D	K22179713		1-	A	A3
C 2541	CHIP CAP.	220pF	50V	CH	GRM1552C1H221JA01D	K22179713		1-	A	A3
C 2542	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	A3
C 2543	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	A2
C 2544	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A2
C 2545	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	A2
C 2546	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	A2
C 2547	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A2
C 2548	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	A2
C 2549	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A2
C 2550	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a1
C 2551	AL.ELECTRO.CAP.	82uF	16V		APXA160ARA820MH70G	K48120022		1-	A	B1
C 2552	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B1
C 2553	AL.ELECTRO.CAP.	82uF	16V		APXA160ARA820MH70G	K48120022		1-	A	A1
C 2554	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A1
C 2555	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	B3
C 2556	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A3
C 2557	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	B3
C 2558	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	c3
C 2559	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	B	c3
C 2560	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	c3
C 2561	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	B	c3
C 2562	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	D3
C 2563	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	A2
C 2564	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2
C 2565	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	A	B2
C 2566	CHIP TA.CAP.	22uF			TPSB226M016Y0600	K78120075		1-	B	a1
C 2567	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2
C 2568	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C3
C 2569	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	C3
C 2570	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C1
C 2571	CHIP TA.CAP.	22uF			TPSB226M016Y0600	K78120075		1-	A	B1
C 2572	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C1
C 2573	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B3
C 2574	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C3
C 2575	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	D3
C 2576	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	D3
C 2577	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C1
C 2578	CHIP TA.CAP.	22uF			TPSB226M016Y0600	K78120075		1-	A	C1
C 2579	CHIP TA.CAP.	22uF			TPSB226M016Y0600	K78120075		1-	A	C1
C 2580	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	D1
C 2581	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	C1
C 2582	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B1
C 2583	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	D1
C 2584	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	C1
C 2585	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B1
C 2586	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	c3
C 2587	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2588	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2589	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2590	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2591	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	a3
C 2592	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 2593	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2594	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2595	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2596	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	a3
C 2597	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2598	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	a3
C 2599	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	B	a3
C 2600	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2601	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	a3
C 2602	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	B	b3
C 2603	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	B	b3
C 2604	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2605	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	a3
C 2606	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2607	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	a3
C 2608	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2609	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2610	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	a3
C 2611	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	a3
C 2612	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	a3
C 2613	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	a3
C 2614	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2615	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2616	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2617	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2618	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 2619	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	a3
C 2620	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	B	a3
C 2621	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	B	b3
C 2622	CHIP TA.CAP.	10uF	16V		TMCMA1C106MTRF	K78120077		1-	B	b3
C 2627	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	D3
C 2628	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2
C 2629	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a1
C 2630	CHIP TA.CAP.	22uF			TPSB226M016Y0600	K78120075		1-	B	a1
C 2631	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		4-	A	A1
D 2501	LED				SML-210VTT86	G2070768		1	A	C3
D 2502	LED				SML-210VTT86	G2070768		1	A	C3
D 2503	LED				SML-210VTT86	G2070768		1	A	C3
D 2504	LED				SML-210VTT86	G2070768		1	A	B3
FB2501	FERRITE BEADS				FBMH1608HM102-T	L9190158		1-	A	A3
FB2502	FERRITE BEADS				FBMH1608HM102-T	L9190158		1-	A	A3
FB2503	FERRITE BEADS				FBMH1608HM102-T	L9190158		1-	A	B3
FB2504	FERRITE BEADS				FBMH1608HM102-T	L9190158		1-	A	B3
FB2505	FERRITE BEADS				FBMH1608HM102-T	L9190158		1-	A	A1
FB2506	FERRITE BEADS				FBMH1608HM102-T	L9190158		1-	A	A1
FB2507	FERRITE BEADS				FBMH1608HM102-T	L9190158		1-	A	A1
FB2508	FERRITE BEADS				FBMH1608HM102-T	L9190158		1-	A	A1
FB2509	FERRITE BEADS				FBMH1608HM102-T	L9190158		1-	A	A1
FB2510	FERRITE BEADS				FBMH1608HM102-T	L9190158		1-	A	A1
FB2511	FERRITE BEADS				FBMH1608HM102-T	L9190158		1-	A	A1
FB2512	FERRITE BEADS				FBMH1608HM102-T	L9190158		1-	A	A2
FB2513	FERRITE BEADS				FBMH1608HM102-T	L9190158		1-	A	A1
FB2514	FERRITE BEADS				BK2125HS101-T	L9190087		1-	A	B1
FB2515	FERRITE BEADS				BK2125HS101-T	L9190087		1-	A	C3
FB2516	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	A	B2
FB2517	FERRITE BEADS				BK2125HS101-T	L9190087		1-	A	C3
FB2518	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	A	D3
FB2519	FERRITE BEADS				BK2125HS101-T	L9190087		1-	A	D3
FB2520	FERRITE BEADS				BK2125HS101-T	L9190087		1-	A	D3
FB2521	FERRITE BEADS				BK2125HS101-T	L9190087		1-	A	D1
FB2522	FERRITE BEADS				BK2125HS101-T	L9190087		1-	A	C1
FB2523	FERRITE BEADS				BK2125HS101-T	L9190087		1-	A	B1
J 2501	CONNECTOR				SB20-11WS	P0090618		1-	B	c3
J 2502	CONNECTOR				18FLT-SM2-TB(LF)(SN)(M)	P1091176		1-	A	A1
J 2503	CONNECTOR				A1-14PA-2.54DSA(71)	P0091448		1	A	D2
JP2501	WIRE ASSY				GRN 30 2/2	T50503000		1-3		
L 2501	M.RFC	470uH			CDRH105RNP-471NC-VS	L1691359		4-	A	B1
L 2502	CHIP COIL	2.2uH			CDRH5D28RHPNP-2R2NC	L1691819		1-	A	C1
Q 2501	IC				TMS320C6746EZWT3	G1095068		1-	A	C3
Q 2502	IC				NJM2737V(TAPE)	G1094292		1-	A	A2
Q 2503	IC				NJM2737V(TAPE)	G1094292		1-	A	A3
Q 2504	IC				TC7SH08FU(TE85L.JF)	G1094736		1-	A	B2
Q 2505	TRANSISTOR				2SC4081 T106	G3340818		1-	A	C1
Q 2506	TRANSISTOR				2SC4081 T106	G3340818		1-	A	C1
Q 2508	IC				ADC101S021CIMF	G1095071		1-	A	B2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
Q 2509	IC				TPS650061RUKR	G1095070		1-	A	C1
Q 2510	IC				CS4270-CZZ	G1094482		1-	A	B3
Q 2511	IC				TC7SH08FU(TE85L.JF)	G1094736		1-	A	D3
Q 2512	IC				TPS3805H33DCKR	G1095072		1-	A	C1
Q 2513	IC				JR28F064M29EWBA	G1095124		1	A	C2
Q 2513	IC				JR28F064M29EWBA YR2023	G1095142		2-	A	C2
R 2502	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	B2
R 2503	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 2504	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 2505	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	B2
R 2506	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A3
R 2507	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	A2
R 2508	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	A2
R 2509	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 2510	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 2511	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A3
R 2512	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A3
R 2513	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	A3
R 2515	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	A3
R 2517	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 2518	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A3
R 2519	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 2520	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 2521	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 2522	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A2
R 2523	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A2
R 2524	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A1
R 2525	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A1
R 2526	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	c1
R 2527	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	c1
R 2528	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	c1
R 2529	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	c1
R 2530	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	A1
R 2531	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	A1
R 2532	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	A1
R 2533	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	A1
R 2534	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	A1
R 2535	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	D2
R 2536	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	D2
R 2538	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A1
R 2539	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	c1
R 2540	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	A1
R 2541	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	D2
R 2542	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	D2
R 2543	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	D2
R 2545	CHIP RES.	47	1/16W	5%	RMC1/16S 470JTH	J24189009		1-	A	A3
R 2549	CHIP RES.	47	1/16W	5%	RMC1/16S 470JTH	J24189009		1-	A	A3
R 2550	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A3
R 2551	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A3
R 2552	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A3
R 2553	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A3
R 2554	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A3
R 2555	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A3
R 2556	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A3
R 2558	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A3
R 2560	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A3
R 2561	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 2562	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A2
R 2563	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 2564	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A3
R 2565	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A2
R 2566	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 2567	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A2
R 2568	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 2569	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A2
R 2570	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B2
R 2571	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C1
R 2572	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	D2
R 2573	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	D1
R 2574	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C1
R 2575	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C1
R 2576	CHIP RES.	180k	1/16W	5%	RMC1/16S 184JTH	J24189052		1-	A	A3
R 2577	CHIP RES.	180k	1/16W	5%	RMC1/16S 184JTH	J24189052		1-	A	A3
R 2578	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A3
R 2581	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	B3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 2582	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	B3
R 2583	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C1
R 2584	CHIP RES.	470k	1/16W	5%	RMC1/16S 474JTH	J24189057		1-	A	C1
R 2585	CHIP RES.	120k	1/16W	5%	RMC1/16S 124JTH	J24189050		1-	A	C1
R 2586	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	c2
R 2587	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	c3
R 2588	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	c3
R 2590	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	B2
R 2591	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	B2
R 2592	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	B2
R 2593	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	B3
R 2594	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	B3
R 2595	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	B3
R 2596	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	B3
R 2599	CHIP RES.	180	1/16W	5%	RMC1/16S 181JTH	J24189016		1-	A	C3
R 2600	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	B3
R 2601	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	B3
R 2602	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	B3
R 2603	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	B3
R 2606	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	B3
R 2609	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	B3
R 2610	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	B3
R 2613	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	B3
R 2614	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	B3
R 2615	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	B2
R 2616	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	B2
R 2617	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	B2
R 2618	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	B2
R 2619	CHIP RES.	390k	1/16W	5%	RMC1/16S 394JTH	J24189056		1-	A	C1
R 2620	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C1
R 2621	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	A	C1
R 2622	CHIP RES.	470k	1/16W	5%	RMC1/16S 474JTH	J24189057		1-	A	C1
R 2623	CHIP RES.	270k	1/16W	5%	RMC1/16S 274JTH	J24189054		1-	A	C1
R 2624	CHIP RES.	470k	1/16W	5%	RMC1/16S 474JTH	J24189057		1-	A	C1
R 2625	CHIP RES.	120	1/16W	5%	RMC1/16S 121JTH	J24189014		1-	A	C3
R 2626	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A1
R 2627	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A3
R 2628	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	D3
R 2629	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	D1
R 2630	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B2
R 2631	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	C2
R 2632	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	C2
R 2633	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	A	C2
R 2634	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	C3
R 2635	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	C3
R 2636	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	C3
R 2637	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	C2
R 2638	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1	A	C3
R 2639	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1	A	C3
R 2640	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1	A	C3
R 2641	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1	A	C3
R 2642	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B3
R 2643	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B3
R 2644	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B3
R 2645	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B3
R 2646	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B3
R 2647	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B3
R 2648	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B3
R 2649	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B3
R 2650	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A1
R 2651	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A1
R 2653	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	D3
R 2655	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		4-	A	A1
S 2501	TACT SWITCH				SKQMBBE010	N5090164		1	A	B1
X 2502	SPXO	18.482MHz			DSO221SWAH 18.432MHZ	H0103452		1-	A	D3
	SHIELD CASE					RA0060200		1-		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TO HF-PA-UNIT (J4003)
TO HF-PA-UNIT (J4002)
TO TUNER-UNIT (J****)
TO DSP-UNIT (J****)
TO MAIN-UNIT (J****)
TO MAIN-UNIT (J****)
TO DSP-UNIT (J****)
TO JACK-UNIT (J****)
TO PANEL-UNIT (J****)
Q3025 BU4066BFV
Q3026 R5F61665N50FPV
Q3027 CD74HC238PW
Q3028 CD74HC238PW
Q3029 CD74HC238PW
Q3030 CD74HC238PW
Q3031 SN74HC164PWR
Q3032 LM2904PW
Q3033 SN74LVC3G17DCT
Q3034 SN74LVC3G17DCT
Q3035 LM2904PW
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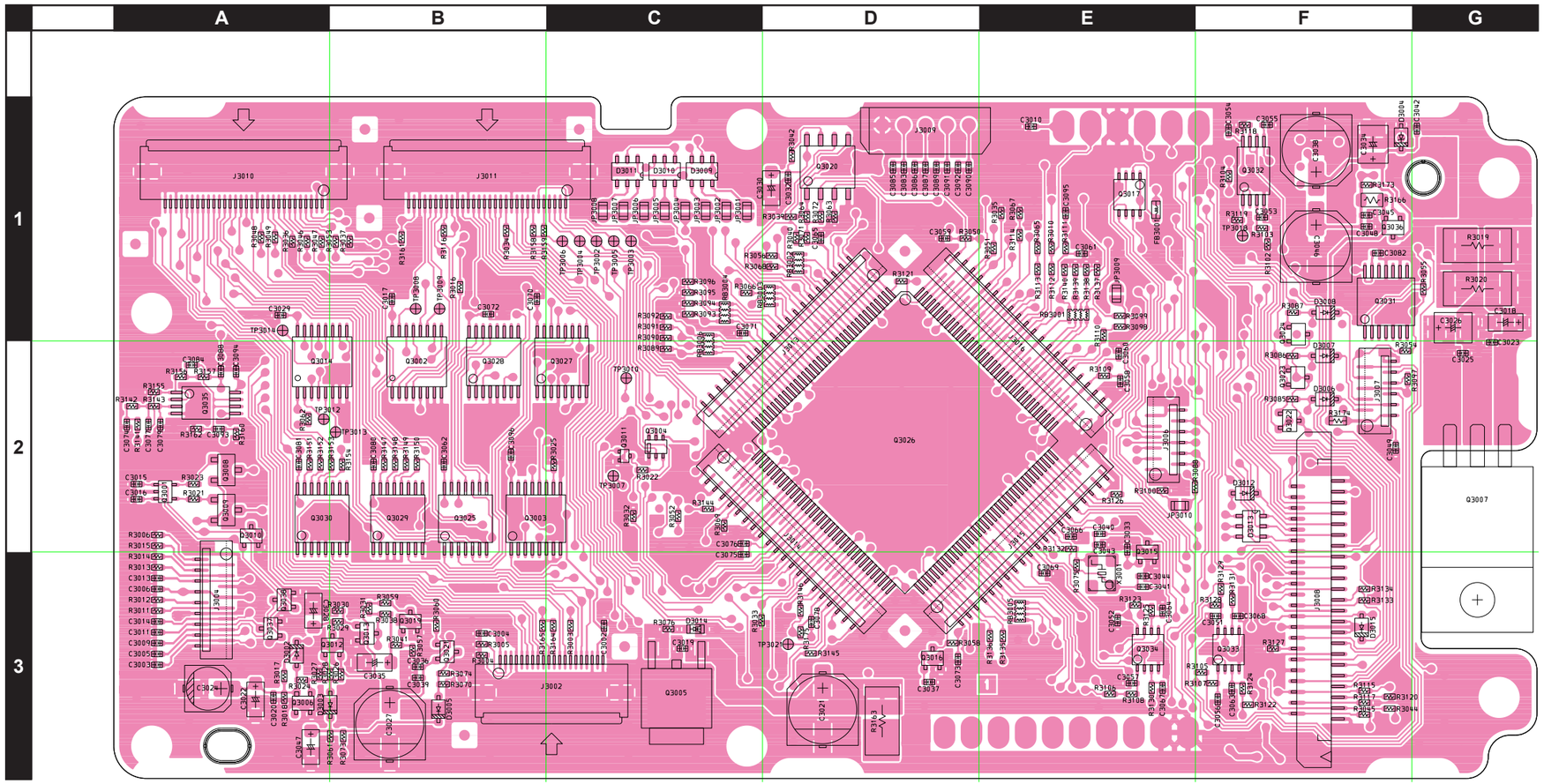
NOTE:
RESISTOR VALUES ARE IN Ω, 1/10W :
CAPACITOR VALUES ARE IN μF, 50V :
(T)CAPACITOR VALUES ARE TANTALUM :
ELECTROLYTIC CAPACITOR ARE IN μF, 16V :
INDUCTOR VALUES ARE IN H :
COILS VALUES ARE IN H :
UNLESS OTHERWISE NOTED.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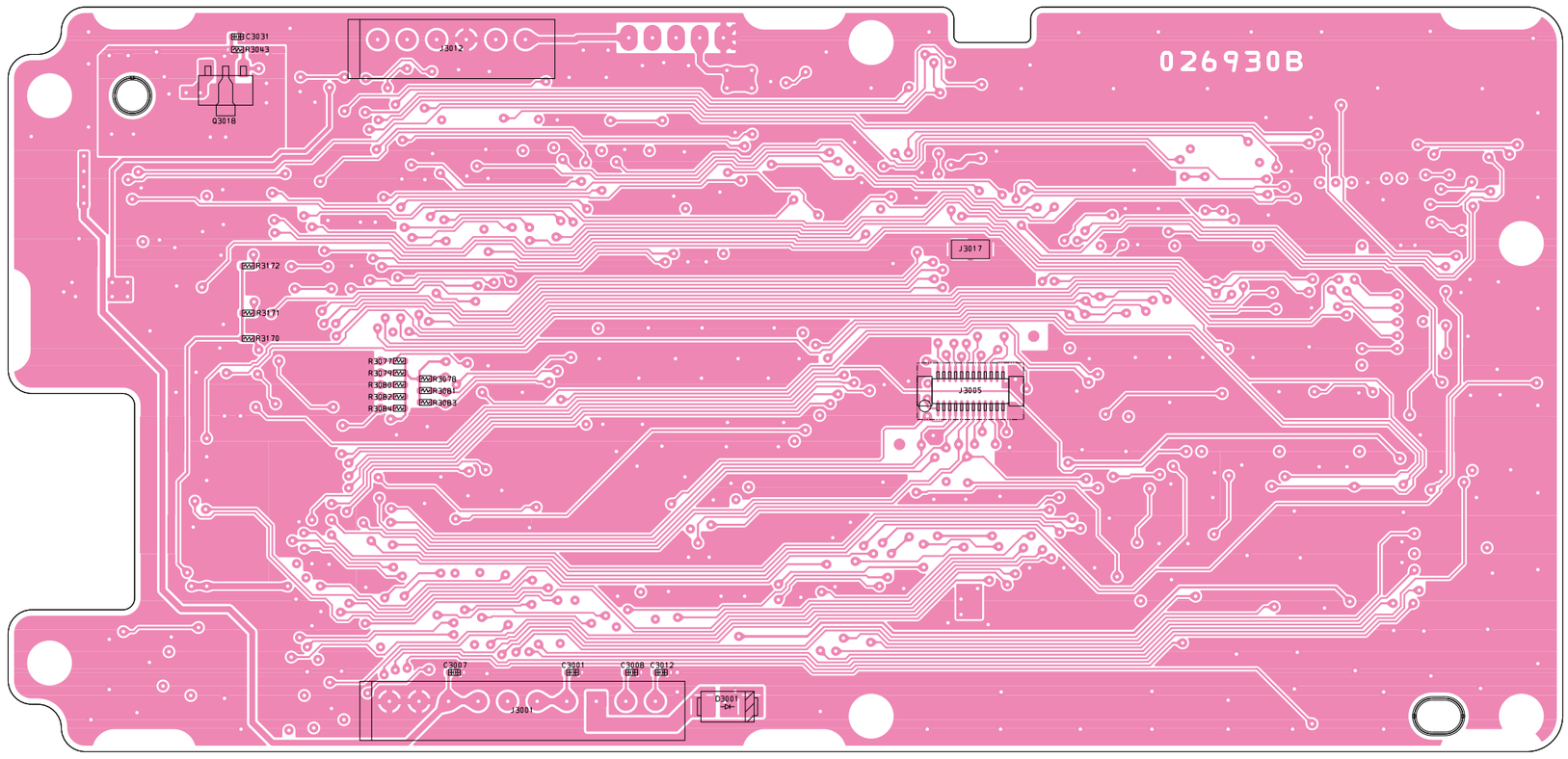
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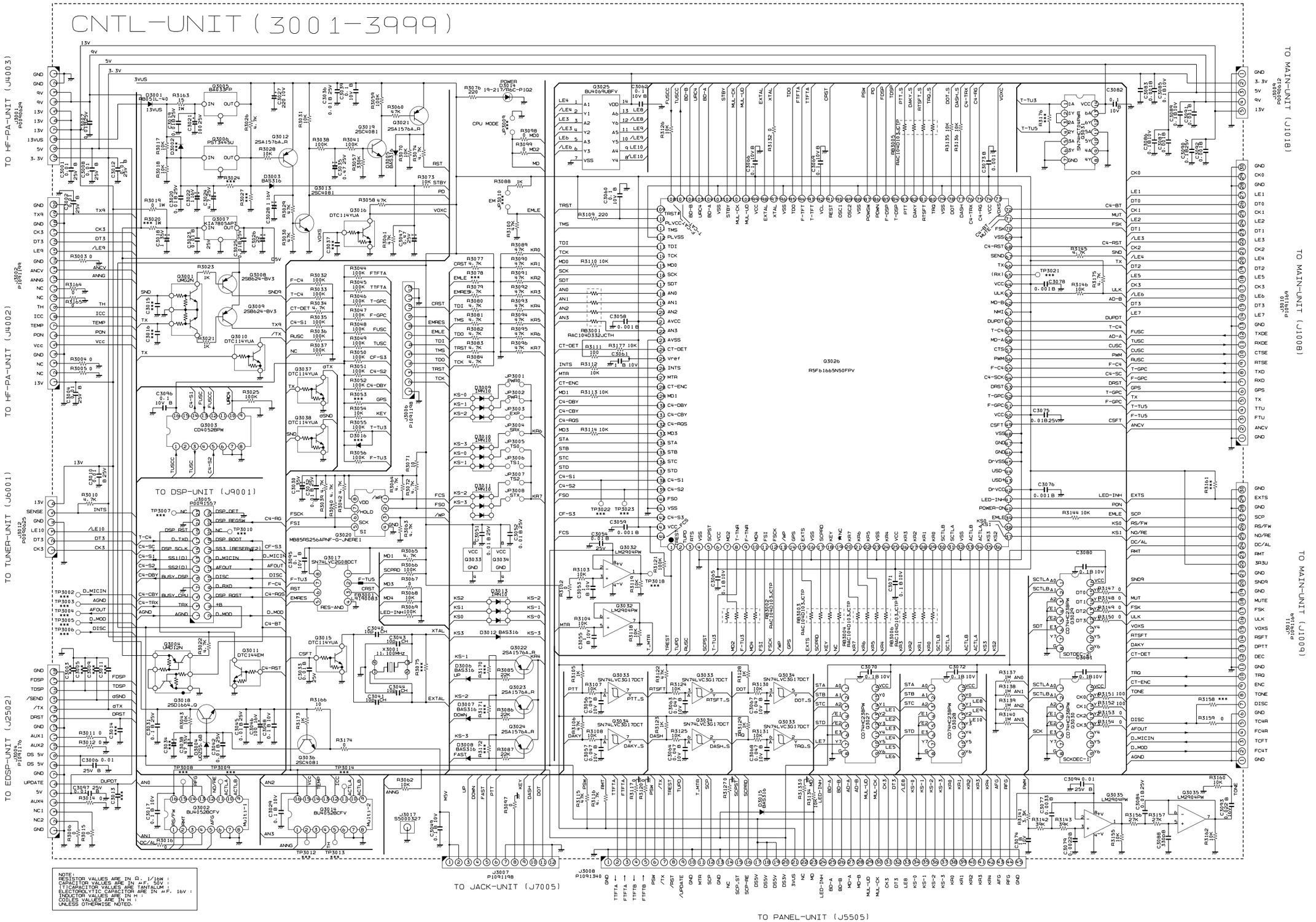
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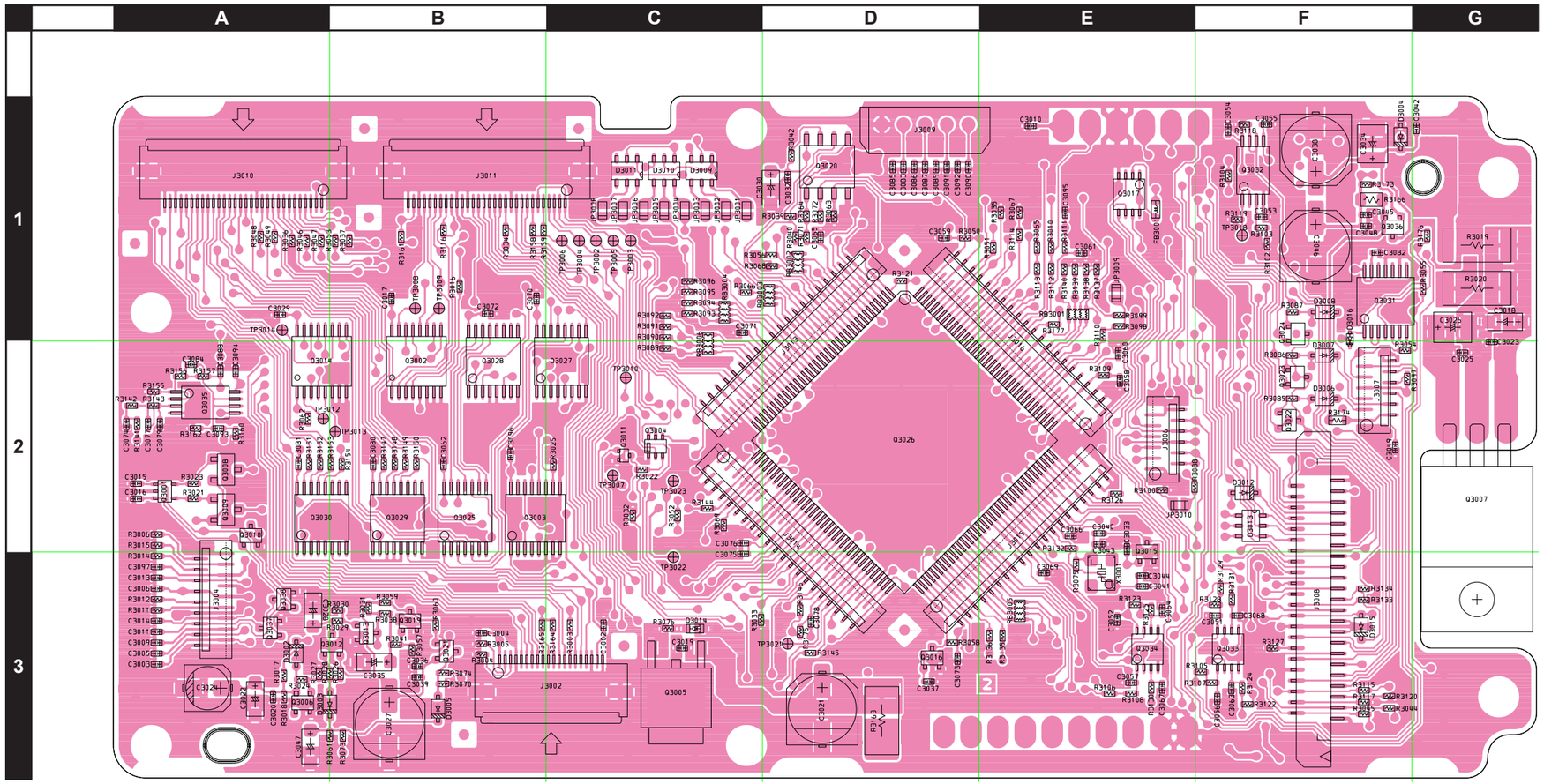
NOTE:
RESISTOR VALUES ARE IN Ω, 1/16W :
CAPACITOR VALUES ARE IN μF, 50V :
(TI)CAPACITOR VALUES ARE TANTALUM :
ELECTROLYTIC CAPACITOR ARE IN μF, 16V :
INDUCTOR VALUES ARE IN H :
COILS VALUES ARE IN H :
UNLESS OTHERWISE NOTED.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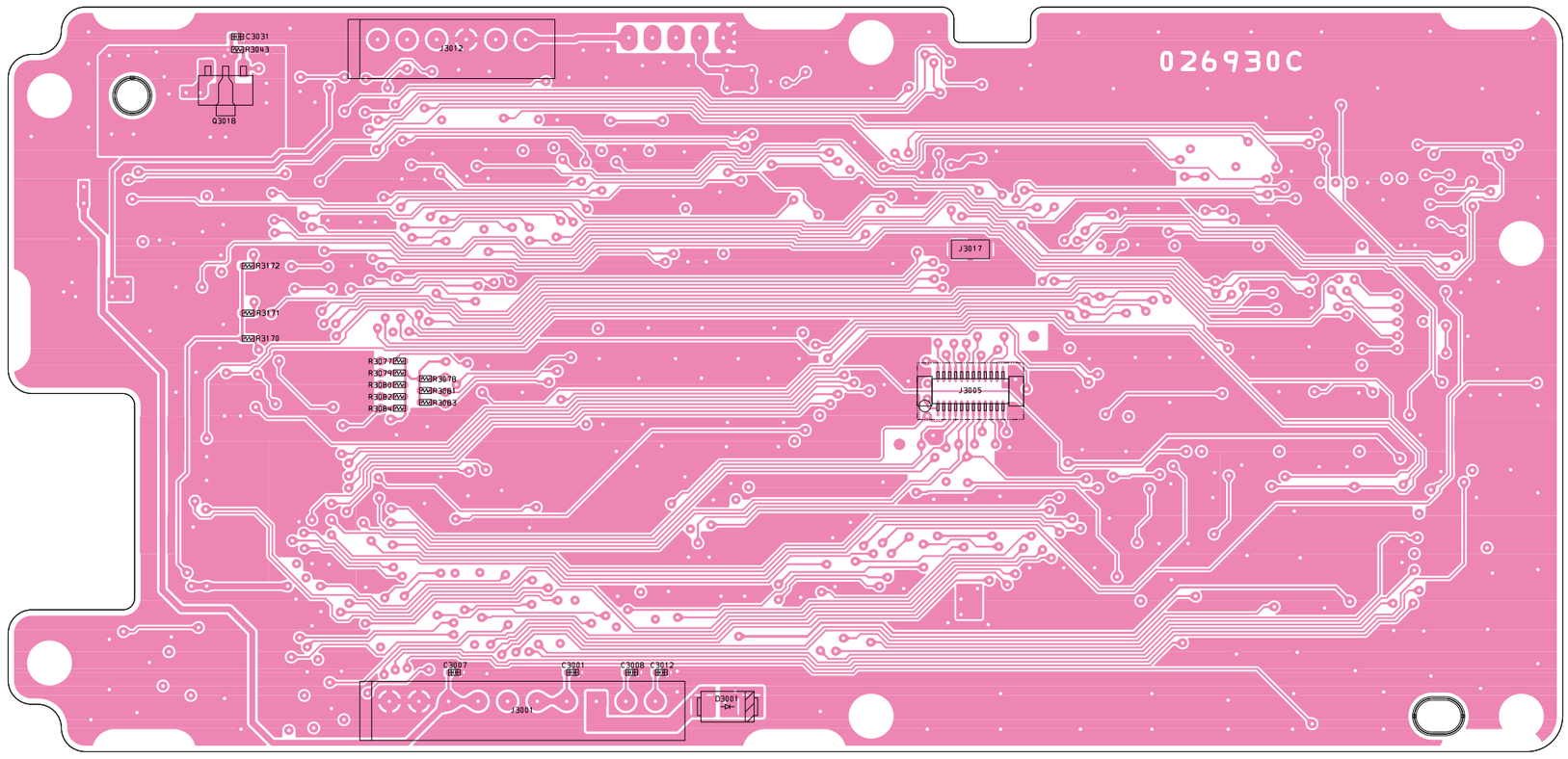
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REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CS2339704※ CS2339705※ CS2339706※ CS2339707※	TYP: A2 TYP: A2EX TYP: B2 TYP: B3			
C 3001	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	c3
C 3002	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	C3
C 3004	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B3
C 3006	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A3
C 3007	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b3
C 3008	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	c3
C 3010	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	E1
C 3012	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	c3
C 3017	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B1
C 3018	CHIP TA.CAP.	1uF	35V		TMCMA1V105MTRF	K78160032		1-	A	G1
C 3019	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	C3
C 3020	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A3
C 3021	AL.ELECTRO.CAP.	100uF	25V		EMVA250ADA101MF80G	K48140016		1-	A	D3
C 3022	CHIP TA.CAP.	1uF	16V		TMCSA1C105MTRF	K78120009		1-	A	A3
C 3023	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	G2
C 3024	AL.ELECTRO.CAP.	4.7uF	25V		UWX1E4R7MCL1GB	K48140012		1-	A	A3
C 3025	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	G2
C 3026	CHIP TA.CAP.	22uF			TPSB226M016Y0600	K78120075		1-	A	G1
C 3027	AL.ELECTRO.CAP.	220uF	10V		EEE1AA221XP	K48100007		1-	A	B3
C 3028	CHIP TA.CAP.	1uF	16V		TMCSA1C105MTRF	K78120009		1-	A	A3
C 3029	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A1
C 3030	CHIP TA.CAP.	1uF	35V		TMCMA1V105MTRF	K78160032		1-	A	D1
C 3031	CHIP CAP.	0.1uF	25V	B	GRM155B31E104KA87D	K22148838		1-	B	a1
C 3032	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	D1
C 3033	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	E2
C 3035	CHIP TA.CAP.	0.47uF	25V		TMCSA1E474MTRF	K78140009		1-	A	B3
C 3036	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B3
C 3038	AL.ELECTRO.CAP.	47uF	35V		EEE1VA470WP	K48160005		1-	A	F1
C 3039	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B3
C 3040	CHIP CAP.	10pF	50V	CH	GRM1552C1H100JA01D	K22178212		1-	A	E2
C 3041	CHIP CAP.	10pF	50V	CH	GRM1552C1H100JA01D	K22178212		1-	A	E3
C 3042	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	G1
C 3043	CHIP CAP.	10pF	50V	CH	GRM1552C1H100JA01D	K22178212		1-	A	E2
C 3044	CHIP CAP.	10pF	50V	CH	GRM1552C1H100JA01D	K22178212		1-	A	E3
C 3045	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	F1
C 3046	AL.ELECTRO.CAP.	100uF	16V		EEE1CA101WP	K48120012		1-	A	F1
C 3047	CHIP TA.CAP.	0.47uF	25V		TMCSA1E474MTRF	K78140009		1-	A	A3
C 3048	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	F1
C 3049	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	F2
C 3051	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	F3
C 3052	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	E3
C 3053	CHIP CAP.	1uF	10V	B	GRM155B31A105KE15D	K22108809		1-	A	F1
C 3054	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	F1
C 3055	CHIP CAP.	1uF	10V	B	GRM155B31A105KE15D	K22108809		1-	A	F1
C 3056	CHIP CAP.	0.047uF	10V	B	GRM155B11A473KA01D	K22108801		1-	A	F3
C 3057	CHIP CAP.	0.047uF	10V	B	GRM155B11A473KA01D	K22108801		1-	A	E3
C 3058	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	E2
C 3059	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	D1
C 3060	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	E2
C 3061	CHIP CAP.	1uF	10V	B	GRM155B31A105KE15D	K22108809		1-	A	E1
C 3062	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2
C 3063	CHIP CAP.	0.047uF	10V	B	GRM155B11A473KA01D	K22108801		1-	A	F3
C 3064	CHIP CAP.	0.047uF	10V	B	GRM155B11A473KA01D	K22108801		1-	A	E3
C 3065	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	D1
C 3066	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	E2
C 3067	CHIP CAP.	0.047uF	10V	B	GRM155B11A473KA01D	K22108801		1-	A	E3
C 3068	CHIP CAP.	0.047uF	10V	B	GRM155B11A473KA01D	K22108801		1-	A	F3
C 3069	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	E3
C 3070	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B1
C 3071	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C1
C 3072	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B1
C 3073	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	D3
C 3074	CHIP CAP.	1uF	10V	B	GRM155B31A105KE15D	K22108809		1-	A	A2
C 3075	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	C2
C 3076	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	C2
C 3077	CHIP CAP.	0.0033uF	50V	B	GRM155B11H332KA01D	K22178815		1-	A	A2
C 3078	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	D3
C 3079	CHIP CAP.	0.0022uF	50V	B	GRM155B11H222JA01D	K22178837		1-	A	A2
C 3080	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2
C 3081	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A2
C 3082	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	F1

※ Please contact YAESU when replacing the CNTL-UNIT.

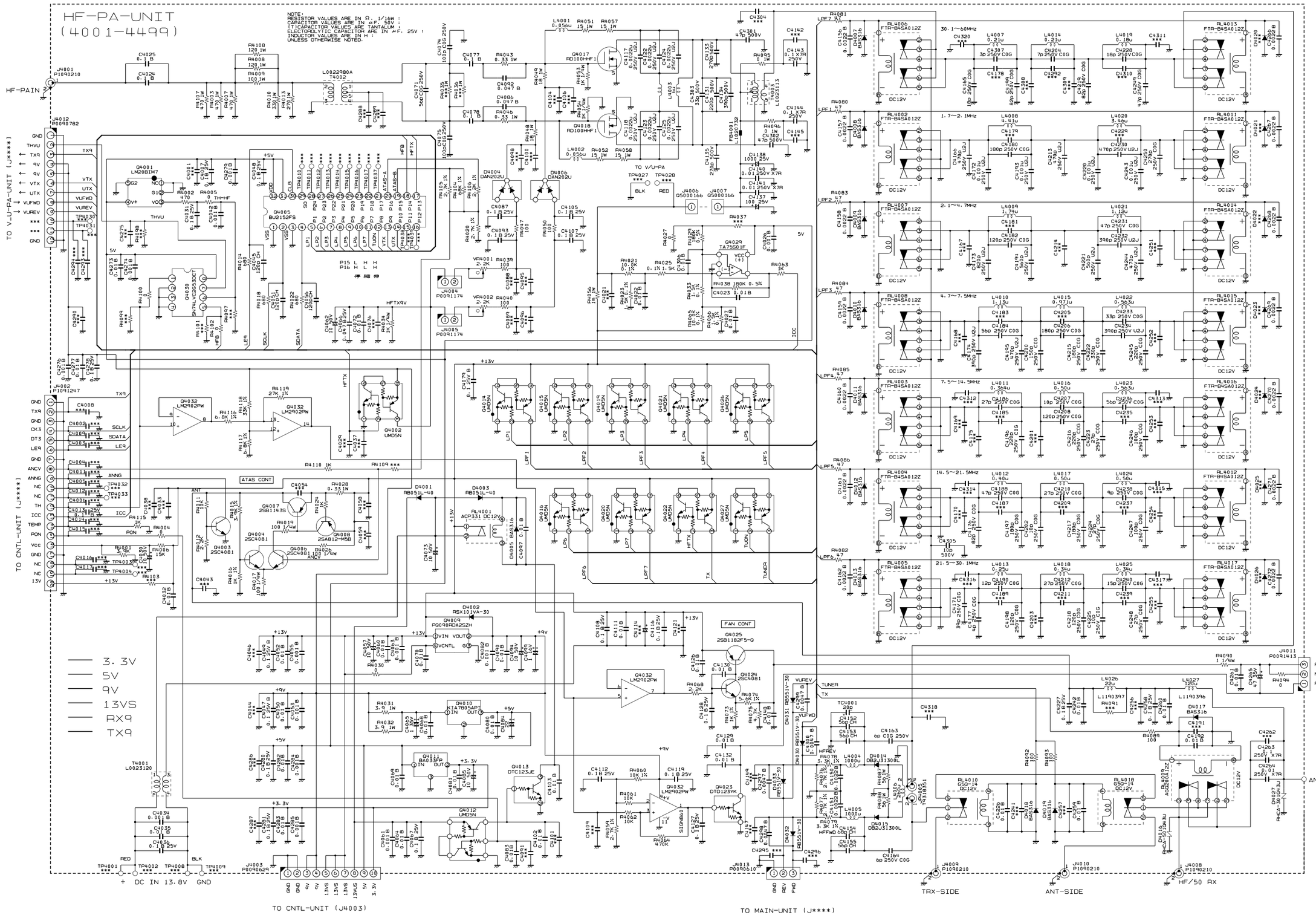
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 3083	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	D1
C 3084	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A2
C 3085	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	D1
C 3086	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	D1
C 3087	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	D1
C 3088	CHIP CAP.	330pF	50V	B	GRM155B11H331KA01D	K22178803		1-	A	A2
C 3089	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	D1
C 3090	CHIP CAP.	0.1uF	25V	B	GRM155B31E104KA87D	K22148838		1-	A	D1
C 3091	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	D1
C 3092	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	D1
C 3093	CHIP CAP.	0.022uF	16V	B	GRM155B11C223KA01D	K22128806		1-	A	A2
C 3094	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A2
C 3095	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	E1
C 3096	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2
C 3097	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		3-	A	A3
D 3001	DIODE				RB051L-40TE25	G2070718		1-	B	c3
D 3003	DIODE				BAS316	G2070716		1-	A	B3
D 3004	DIODE				UDZS TE-17 5.6B	G2070910		1-	A	F1
D 3005	DIODE				BAS316	G2070716		1-	A	B3
D 3006	DIODE				BAS316	G2070716		1-	A	F2
D 3007	DIODE				BAS316	G2070716		1-	A	F2
D 3008	DIODE				BAS316	G2070716		1-	A	F1
D 3009	DIODE				IMN10 T108	G2070078		1-	A	C1
D 3010	DIODE				IMN10 T108	G2070078		1-	A	C1
D 3011	DIODE				IMN10 T108	G2070078		1-	A	C1
D 3012	DIODE				BAS316	G2070716		1-	A	F2
D 3013	DIODE				IMN10 T108	G2070078		1-	A	F2
D 3014	LED				19-217/R6C-P1Q2/3T	G2071440		1-	A	C3
D 3015	DIODE				BAS316	G2070716		1-	A	F3
D 3016	DIODE				1SS400G T2R	G2070934		3-	A	F1
FB3001	FERRITE BEADS				BK1608HS601-T	L9190083		1-	A	E1
J 3001	CONNECTOR				SC25-10WS	P0090629		1-	B	b3
J 3002	CONNECTOR				9637S-20-Y905	P1091199		1-	A	C3
J 3004	CONNECTOR				18FLT-SM2-TB(LF)(SN)(M)	P1091176		1-	A	A3
J 3005	CONNECTOR				AXK6F24547YG	P0091557		1-	B	d2
J 3006	CONNECTOR				12FLT-SM2-TB(LF)(SN)	P1091198		1-	A	E2
J 3007	CONNECTOR				12FLT-SM2-TB(LF)(SN)	P1091198		1-	A	F2
J 3008	CONNECTOR				IMSA-9639S-45	P1091340		1-	A	F3
J 3009	CONNECTOR				SB20-05WS	P0090612		1-	A	D1
J 3010	CONNECTOR				9637S-30-Y905	P1091169		1-	A	A1
J 3011	CONNECTOR				9637S-30-Y905	P1091169		1-	A	B1
J 3012	CONNECTOR				SC25-06WS	P0090625		1-	B	b1
J 3017	TERMINAL				NC-0.5-3.2-T	S5000327		1-	B	d1
JP3001	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	C1
JP3002	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	C1
JP3003	WIRE ASSY				GRN 50 2/2	T50505000		1-2	A	C1
JP3004	WIRE ASSY				GRN 100 2/2	T50510000		1-2	A	C1
Q 3001	TRANSISTOR				UMG2N TR	G3070088		1-	A	A2
Q 3002	IC				BU4052BCFV-BZE2	G1094196		1-	A	B2
Q 3003	IC				CD4052BPWR	G1093862		1-	A	B2
Q 3004	TRANSISTOR				UMD12N TR	G3070342		1-	A	C2
Q 3005	IC				BA033CC0FP-BZE2	G1094077		1-	A	C3
Q 3006	IC				PST3445UR	G1093232		1-	A	A3
Q 3007	IC				KIA7805API	G1093163		1-	A	G3
Q 3008	TRANSISTOR				2SB624-T2B BV3	G3206247C		1-	A	A2
Q 3009	TRANSISTOR				2SB624-T2B BV3	G3206247C		1-	A	A2
Q 3010	TRANSISTOR				DTC114YUA T106	G3070298		1-	A	A2
Q 3011	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	C2
Q 3012	TRANSISTOR				2SA1576A T106 R	G3115768R		1-	A	B3
Q 3013	TRANSISTOR				2SC4081 T106	G3340818		1-	A	B3
Q 3014	IC				BU4052BCFV-BZE2	G1094196		1-	A	A2
Q 3015	TRANSISTOR				DTC114YUA T106	G3070298		1-	A	E2
Q 3016	TRANSISTOR				DTC114YUA T106	G3070298		1-	A	D3
Q 3017	IC				SN74LVC2G08DCTR	G1094341		1-	A	E1
Q 3018	TRANSISTOR				2SD1664 T100 Q	G3416647Q		1-	B	a1
Q 3019	TRANSISTOR				2SC4081 T106	G3340818		1-	A	B3
Q 3020	IC				MB85RS256APNF-G-JNERE1	G1094985※		1-	A	D1
Q 3021	TRANSISTOR				2SA1576A T106 R	G3115768R		1-	A	B3
Q 3022	TRANSISTOR				2SA1576A T106 R	G3115768R		1-	A	F2
Q 3023	TRANSISTOR				2SA1576A T106 R	G3115768R		1-	A	F2
Q 3024	TRANSISTOR				2SA1576A T106 R	G3115768R		1-	A	F1
Q 3025	IC				BU4069UBFV-BZE2	G1093601		1-	A	B2
Q 3026	IC				R5F61665N50FPV	G1094839		1-	A	D2
Q 3027	IC				CD74HC238PWR	G1094275		1-	A	C2
Q 3028	IC				CD74HC238PWR	G1094275		1-	A	B2

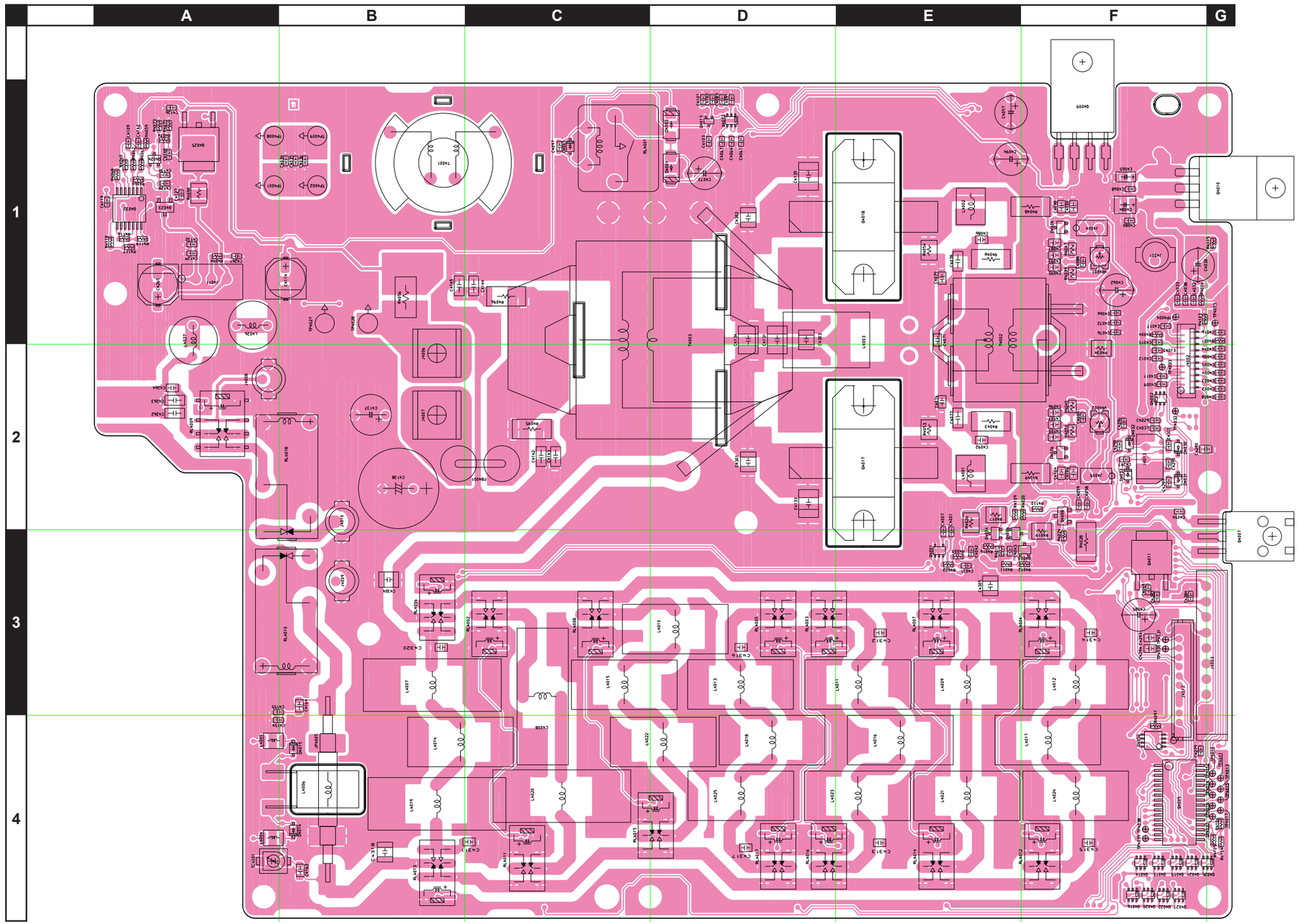
※ Please contact YAESU when replacing this part.

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
Q 3029	IC				CD74HC238PWR	G1094275		1-	A	B2
Q 3030	IC				CD74HC238PWR	G1094275		1-	A	A2
Q 3032	IC				LM2904PWR	G1094010		1-	A	F1
Q 3033	IC				SN74LVC3G17DCTR	G1094419		1-	A	F3
Q 3034	IC				SN74LVC3G17DCTR	G1094419		1-	A	E3
Q 3035	IC				LM2904PWR	G1094010		1-	A	A2
Q 3036	TRANSISTOR				2SC4081 T106	G3340818		1-	A	F1
Q 3037	TRANSISTOR				DTC114YUA T106	G3070298		1-	A	A3
Q 3038	TRANSISTOR				DTC114YUA T106	G3070298		1-	A	A3
R 3003	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	C3
R 3004	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B3
R 3005	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B3
R 3006	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A2
R 3010	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	E1
R 3011	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A3
R 3012	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A3
R 3014	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A3
R 3015	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A2
R 3016	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B1
R 3017	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A3
R 3018	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A3
R 3019	CHIP RES.	0	1W	5%	RMC1 JPATE	J24305000		3-	A	G1
R 3021	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	A2
R 3022	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	C2
R 3023	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	A2
R 3025	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C2
R 3026	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	B3
R 3028	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B3
R 3029	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B3
R 3030	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B3
R 3031	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B3
R 3032	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C2
R 3033	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C3
R 3034	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	B1
R 3035	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	E1
R 3036	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A1
R 3037	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B1
R 3038	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B3
R 3039	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	D1
R 3040	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	D1
R 3041	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B3
R 3042	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	D1
R 3043	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	a1
R 3044	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	F3
R 3045	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	F3
R 3046	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A1
R 3047	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A1
R 3048	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	A1
R 3049	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A1
R 3050	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	D1
R 3051	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	E1
R 3052	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C2
R 3054	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	F2
R 3055	DIODE				1SS400G T2R	G2070934		1-2	A	G1
R 3056	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	D1
R 3057	CHIP RES.	330k	1/16W	5%	RMC1/16S 334JTH	J24189055		1-	A	B3
R 3058	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	D3
R 3059	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B3
R 3060	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B3
R 3061	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B3
R 3062	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 3063	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	D1
R 3064	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	D1
R 3065	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	E1
R 3066	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C1
R 3067	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	E1
R 3068	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	D1
R 3069	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C2
R 3070	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B3
R 3071	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	A	D1
R 3072	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	D1
R 3073	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B3
R 3074	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	B3
R 3076	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	A	C3
R 3077	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	B	b2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 3079	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	B	b2
R 3080	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	B	b2
R 3081	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	B	b2
R 3082	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	B	b2
R 3083	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	B	b2
R 3084	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	B	b2
R 3085	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	A	F2
R 3086	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	A	F2
R 3087	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	A	F1
R 3088	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	E2
R 3089	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C2
R 3090	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C1
R 3091	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C1
R 3092	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C1
R 3093	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C1
R 3094	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C1
R 3095	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C1
R 3096	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C1
R 3097	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	F2
R 3098	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	E1
R 3099	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	E1
R 3100	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	E2
R 3102	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	F1
R 3103	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	F1
R 3104	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	F1
R 3105	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	F3
R 3106	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	E3
R 3107	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	F3
R 3108	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	E3
R 3109	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	A	E2
R 3110	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	E1
R 3111	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	E1
R 3112	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	E1
R 3113	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	E1
R 3114	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	E1
R 3115	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	F3
R 3116	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	B1
R 3117	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	F3
R 3118	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	F1
R 3119	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	F1
R 3120	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	F3
R 3121	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	D1
R 3122	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	F3
R 3123	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	E3
R 3124	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	F3
R 3125	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	E3
R 3126	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	E2
R 3127	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	F3
R 3128	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	F3
R 3129	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	F3
R 3130	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	E3
R 3131	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	F3
R 3132	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	E2
R 3133	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	F3
R 3134	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	F3
R 3135	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	E3
R 3136	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	E3
R 3137	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	A	E1
R 3138	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	A	E1
R 3139	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	A	E1
R 3140	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	A	E1
R 3141	CHIP RES.	3.3k	1/16W	5%	RMC1/16S 332JTH	J24189031		1-	A	A2
R 3142	CHIP RES.	39k	1/16W	5%	RMC1/16S 393JTH	J24189044		1-	A	A2
R 3143	CHIP RES.	39k	1/16W	5%	RMC1/16S 393JTH	J24189044		1-	A	A2
R 3144	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	C2
R 3145	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	D3
R 3146	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	D3
R 3147	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B2
R 3148	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B2
R 3149	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B2
R 3150	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B2
R 3151	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	A2
R 3152	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	A2
R 3153	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B2
R 3154	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 3155	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 3156	CHIP RES.	27k	1/16W	5%	RMC1/16S 273JTH	J24189042		1-	A	A2
R 3157	CHIP RES.	27k	1/16W	5%	RMC1/16S 273JTH	J24189042		1-	A	A2
R 3159	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B1
R 3160	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 3162	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 3163	CHIP RES.	15	1W	5%	RMC1 150JTE	J24305150		1-	A	D3
R 3164	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	C3
R 3165	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B3
R 3166	CHIP RES.	10	1/10W	5%	RMC1/10T 100J	J24205100		1-	A	F1
R 3170	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		2-	B	a2
R 3171	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		2-	B	a2
R 3172	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		2-	B	a1
R 3173	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	F1
R 3174	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	F2
R 3175	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	D3
R 3176	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	G1
R 3177	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		3-	A	E1
RB3001	BLOCK RES.				RAC104D332JCTH	J42900041		1-	A	E1
RB3002	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	D1
RB3003	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	D1
RB3004	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	C1
RB3005	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	E3
RB3006	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	C2
X 3001	XTAL DSX321G	11.1MHz			DSX321G 11.100MHZ	H0103446		1-	A	E3


HF-PA-UNIT
(4001-4499)
NOTE:
RESISTOR VALUES ARE IN Ω, 1/16W :
CAPACITOR VALUES ARE IN μF, 50V :
(TICAPACITOR VALUES ARE TANTALUM :
ELECTROLYTIC CAPACITOR ARE IN μF, 25V :
INDUCTOR VALUES ARE IN H :
UNLESS OTHERWISE NOTED.
HF-PAIN
TO V/U-PA
TO V-U-PA-UNIT (J****)
TO CNTL-UNIT (J****)
TO CNTL-UNIT (J4003)
TO MAIN-UNIT (J****)
ATAS CONT
FAN CONT
3.3V
5V
9V
13VS
RX9
TX9
+ DC IN 13.8V GND
TRX-SIDE
ANT-SIDE
HF/50 RX
ANT
FAN2
NC
FAN1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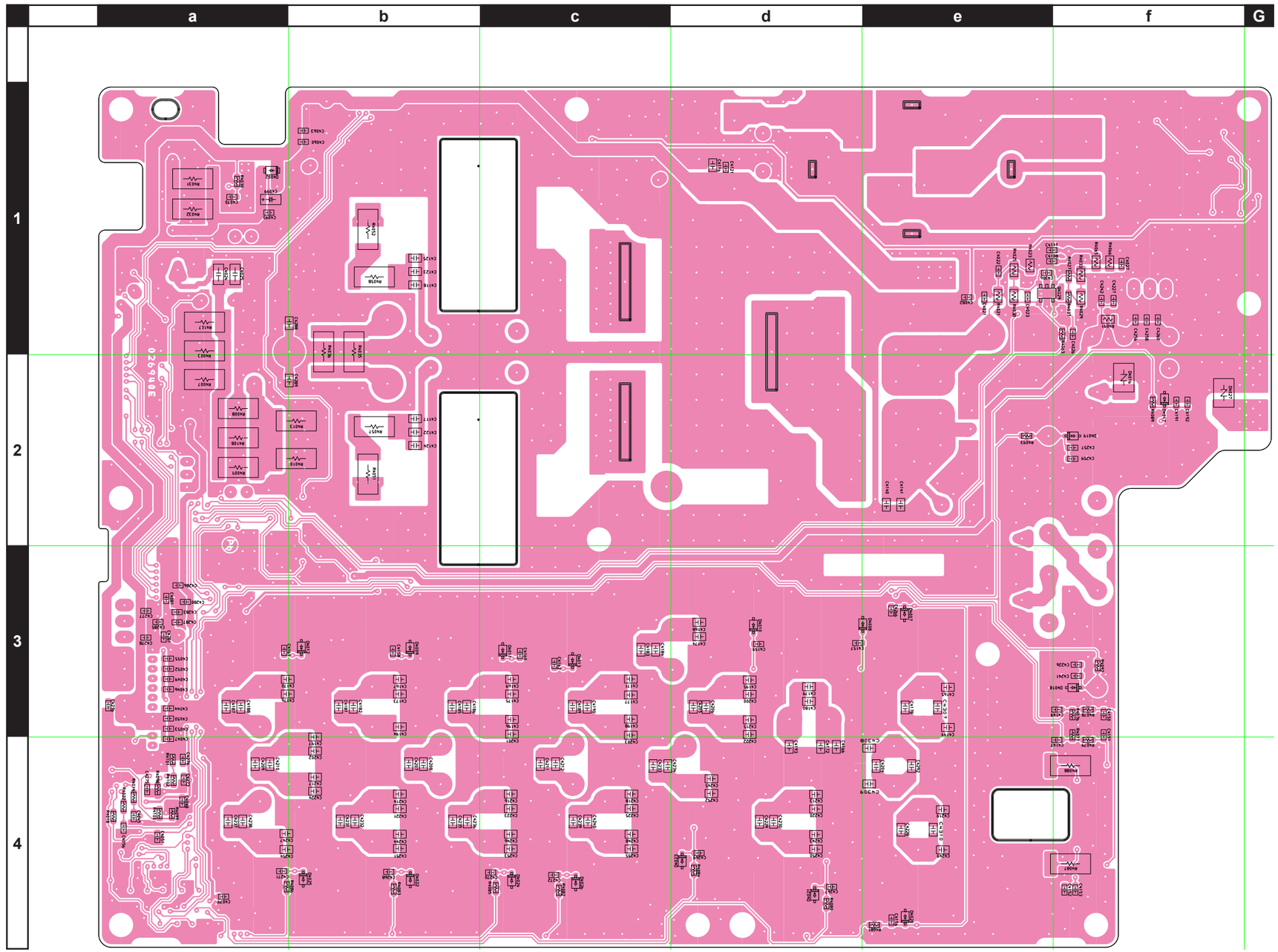
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REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CS2338601				
C 4007	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	E2
C 4013	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F2
C 4022	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	e1
C 4023	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	e1
C 4024	CHIP CAP.	0.1uF	50V	B	GRM319B11H104KA01D	K22171820		1-	B	a1
C 4025	CHIP CAP.	0.1uF	50V	B	GRM319B11H104KA01D	K22171820		1-	B	a1
C 4026	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	f1
C 4027	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	f1
C 4030	AL.ELECTRO.CAP.	10uF	50V		RE2-50V100ME3#-T2	K46170021		1-	A	F1
C 4031	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	E3
C 4032	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 4034	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B1
C 4035	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 4036	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B1
C 4042	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E3
C 4045	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	B	a4
C 4047	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	a3
C 4048	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	a4
C 4049	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	a3
C 4050	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a3
C 4051	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	B	a4
C 4052	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a3
C 4053	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	a3
C 4055	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	a3
C 4056	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	B	a4
C 4057	AL.ELECTRO.CAP.	10uF	50V		RE2-50V100ME3#-T2	K46170021		1-	A	E1
C 4060	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b1
C 4061	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D1
C 4062	AL.ELECTRO.CAP.	10uF	50V		RE2-50V100ME3#-T2	K46170021		1-	A	F1
C 4063	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	b1
C 4064	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4065	CHIP TA.CAP.	1uF	35V		TMCMA1V105MTRF	K78160032		1-	A	F1
C 4066	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	F1
C 4067	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D1
C 4068	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 4069	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F3
C 4070	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a1
C 4071	CHIP CAP.	56pF	250V	C0G	GRM21A5C2E560JW01D	K22240310		1-	A	E1
C 4072	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 4073	AL.ELECTRO.CAP.	10uF	50V		RE2-50V100ME3#-T2	K46170021		1-	A	D1
C 4074	CHIP CAP.	100pF	250V	C0G	GRM21A5C2E101JW01D	K22240313		1-	A	E2
C 4075	CHIP CAP.	100pF	250V	C0G	GRM21A5C2E101JW01D	K22240313		1-	A	E1
C 4077	CHIP CAP.	0.1uF	50V	B	GRM319B11H104KA01D	K22171820		1-	A	E2
C 4078	CHIP CAP.	0.1uF	50V	B	GRM319B11H104KA01D	K22171820		1-	A	E1
C 4079	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	a4
C 4080	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 4081	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a3
C 4082	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	e1
C 4083	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4084	CHIP TA.CAP.	22uF			TPSB226M016Y0600	K78120075		1-	A	F1
C 4085	AL.ELECTRO.CAP.	10uF	50V		RE2-50V100ME3#-T2	K46170021		1-	A	F3
C 4086	CHIP CAP.	0.047uF	50V	B	GRM21BB11H473KA01L	K22170823		1-	A	E1
C 4087	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	F1
C 4090	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a1
C 4092	CHIP CAP.	0.047uF	50V	B	GRM21BB11H473KA01L	K22170823		1-	A	E2
C 4093	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	F1
C 4094	AL.ELECTRO.CAP.	10uF	50V		RE2-50V100ME3#-T2	K46170021		1-	A	F1
C 4097	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 4099	CHIP TA.CAP.	1uF	16V		TMCSA1C105MTRF	K78120009		1-	B	a1
C 4102	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4103	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4105	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	F2
C 4107	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	F2
C 4108	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	e1
C 4110	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-2		
C 4111	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	e1
C 4112	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A1
C 4116	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	B	d1
C 4117	CHIP CAP.	0.0022uF	250V	U2J	GRM21A7U2E222JW31D	K22240329		1-	B	b2
C 4118	CHIP CAP.	0.0022uF	250V	U2J	GRM21A7U2E222JW31D	K22240329		1-	B	b1
C 4119	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A1
C 4122	CHIP CAP.	0.0022uF	250V	U2J	GRM21A7U2E222JW31D	K22240329		1-	B	b2
C 4123	CHIP CAP.	0.0022uF	250V	U2J	GRM21A7U2E222JW31D	K22240329		1-	B	b1
C 4124	CHIP CAP.	0.0022uF	250V	U2J	GRM21A7U2E222JW31D	K22240329		1-	B	b2

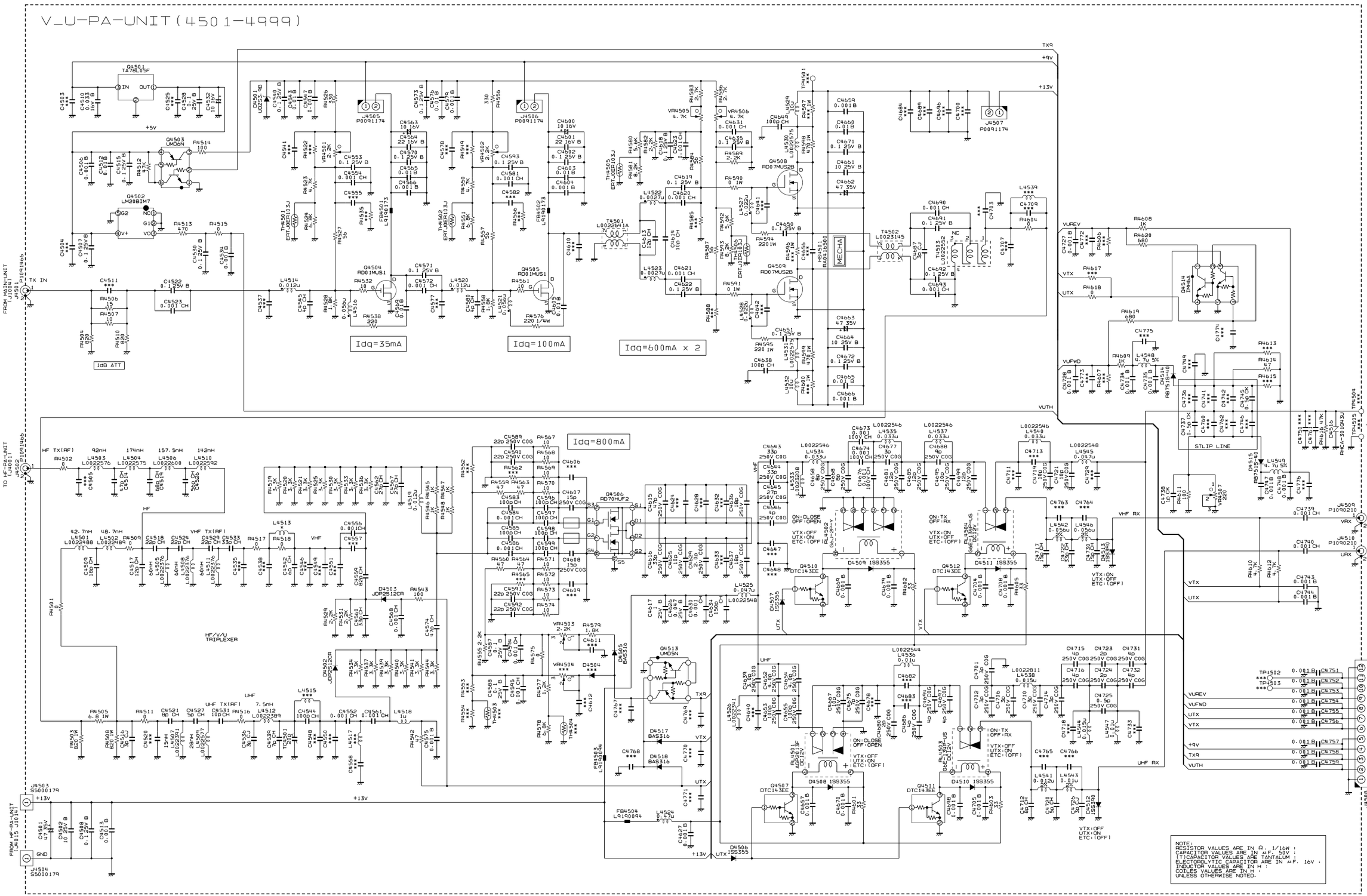
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 4125	CHIP CAP.	0.0022uF	250V	U2J	GRM21A7U2E222JW31D	K22240329		1-	B	b1
C 4126	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 4127	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A1
C 4128	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A1
C 4129	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 4130	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 4131	FILM CAP.	220pF	500V		UC342H2200J-T	K33279011		1-	A	D1
C 4132	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 4133	FILM CAP.	270pF	500V		UC342H2700J-T	K33279013		1-	A	D2
C 4134	FILM CAP.	390pF	500V		UC342H3900J-T	K33279040		1-	A	D1
C 4135	FILM CAP.	270pF	500V		UC342H2700J-T	K33279013		1-	A	D1
C 4137	AL.ELECTRO.CAP.	100uF	25V		RE2-25V101MF3#-T2	K46140005		1-	A	B2
C 4138	AL.ELECTRO.CAP.	1000uF	25V		RE2-25V102MI5#	K40149034		1-	A	B2
C 4140	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	B	e2
C 4141	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	B	e2
C 4143	CHIP CAP.	0.1uF	250V	X7R	GRM31CR72E104KW03L	K22241804		1-	A	C2
C 4144	CHIP CAP.	0.1uF	250V	X7R	GRM31CR72E104KW03L	K22241804		1-	A	C1
C 4148	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 4150	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	B	f3
C 4151	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	B	f3
C 4152	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	B	f4
C 4153	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	B	f4
C 4154	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	A4
C 4155	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	A3
C 4156	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	B	e4
C 4157	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	B	d3
C 4158	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	B	b3
C 4159	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	B	d3
C 4160	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	B	c3
C 4161	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	B	a3
C 4162	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	B	c3
C 4163	CHIP CAP.	6pF	250V	C0G	GQM2195C2E6R0DB12D	K22240249		1-	A	B4
C 4164	CHIP CAP.	6pF	250V	C0G	GQM2195C2E6R0DB12D	K22240249		1-	A	B3
C 4165	CHIP CAP.	18pF	250V	C0G	GRM21A5C2E180JW01D	K22240304		1-	B	e3
C 4166	CHIP CAP.	470pF	250V	U2J	GRM21A7U2E471JW31D	K22240321		1-	B	d4
C 4171	CHIP CAP.	39pF	250V	C0G	GRM21A5C2E390JW01D	K22240308		1-	B	c3
C 4172	CHIP CAP.	0.001uF	250V	U2J	GRM21A7U2E102JW31D	K22240325		1-	B	d4
C 4173	CHIP CAP.	820pF	250V	U2J	GRM21A7U2E821JW31D	K22240324		1-	B	b3
C 4174	CHIP CAP.	390pF	250V	U2J	GRM21A7U2E391JW31D	K22240320		1-	B	d3
C 4176	CHIP CAP.	82pF	250V	C0G	GRM21A5C2E820JW01D	K22240312		1-	B	a3
C 4177	CHIP CAP.	4pF	250V	C0G	GQM2195C2E4R0CB12D	K22240247		1-	B	c3
C 4178	CHIP CAP.	3pF	250V	C0G	GQM2195C2E3R0CB12D	K22240246		1-	B	e3
C 4180	CHIP CAP.	180pF	250V	C0G	GRM21A5C2E181JW01D	K22240316		1-	B	d3
C 4182	CHIP CAP.	120pF	250V	C0G	GRM21A5C2E121JW01D	K22240314		1-	B	b3
C 4184	CHIP CAP.	56pF	250V	C0G	GRM21A5C2E560JW01D	K22240310		1-	B	c3
C 4186	CHIP CAP.	27pF	250V	C0G	GRM21A5C2E270JW01D	K22240306		1-	B	b3
C 4188	CHIP CAP.	47pF	250V	C0G	GRM21A5C2E470JW01D	K22240309		1-	B	a3
C 4190	CHIP CAP.	12pF	250V	C0G	GRM21A5C2E120JW01D	K22240302		1-	B	c3
C 4192	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	f2
C 4193	CHIP CAP.	0.001uF	250V	U2J	GRM21A7U2E102JW31D	K22240325		1-	B	d4
C 4194	CHIP CAP.	560pF	250V	U2J	GRM21A7U2E561JW31D	K22240322		1-	B	b3
C 4195	CHIP CAP.	470pF	250V	U2J	GRM21A7U2E471JW31D	K22240321		1-	B	d3
C 4196	CHIP CAP.	220pF	250V	C0G	GRM21A5C2E221JW01D	K22240317		1-	B	c3
C 4197	CHIP CAP.	180pF	250V	C0G	GRM21A5C2E181JW01D	K22240316		1-	B	b3
C 4198	CHIP CAP.	120pF	250V	C0G	GRM21A5C2E121JW01D	K22240314		1-	B	c3
C 4199	CHIP CAP.	82pF	250V	C0G	GRM21A5C2E820JW01D	K22240312		1-	B	e3
C 4200	CHIP CAP.	150pF	250V	C0G	GRM21A5C2E151JW01D	K22240315		1-	B	d3
C 4202	CHIP CAP.	10pF	250V	C0G	GRM21A5C2E100JW01D	K22240301		1-	B	b4
C 4202	CHIP CAP.	56pF	250V	C0G	GRM21A5C2E560JW01D	K22240310		4-	B	b4
C 4203	CHIP CAP.	10pF	250V	C0G	GRM21A5C2E100JW01D	K22240301		8-	B	c3
C 4204	CHIP CAP.	7pF	250V	C0G	GQM2195C2E7R0DB12D	K22240250		1-	B	e4
C 4206	CHIP CAP.	180pF	250V	C0G	GRM21A5C2E181JW01D	K22240316		1-	B	d3
C 4207	CHIP CAP.	10pF	250V	C0G	GRM21A5C2E100JW01D	K22240301		1-	B	b4
C 4207	CHIP CAP.	15pF	250V	C0G	GRM21A5C2E150JW01D	K22240303		4-	B	b4
C 4208	CHIP CAP.	120pF	250V	C0G	GRM21A5C2E121JW01D	K22240314		1-	B	b4
C 4210	CHIP CAP.	27pF	250V	C0G	GRM21A5C2E270JW01D	K22240306		1-	B	a4
C 4210	CHIP CAP.	18pF	250V	C0G	GRM21A5C2E180JW01D	K22240304		4-	B	a4
C 4211	CHIP CAP.	3pF	250V	C0G	GQM2195C2E3R0CB12D	K22240246		8-	B	c4
C 4212	CHIP CAP.	27pF	250V	C0G	GRM21A5C2E270JW01D	K22240306		1-	B	c4
C 4213	CHIP CAP.	470pF	250V	U2J	GRM21A7U2E471JW31D	K22240321		1-	B	d4
C 4215	CHIP CAP.	180pF	250V	C0G	GRM21A5C2E181JW01D	K22240316		1-	B	d3
C 4216	CHIP CAP.	220pF	250V	C0G	GRM21A5C2E221JW01D	K22240317		1-	B	c4
C 4217	CHIP CAP.	180pF	250V	C0G	GRM21A5C2E181JW01D	K22240316		1-	B	b4
C 4218	CHIP CAP.	120pF	250V	C0G	GRM21A5C2E121JW01D	K22240314		1-	B	c4
C 4219	CHIP CAP.	82pF	250V	C0G	GRM21A5C2E820JW01D	K22240312		1-	B	e4

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 4220	CHIP CAP.	0.001uF	250V	U2J	GRM21A7U2E102JW31D	K22240325		1-	B	d4
C 4221	CHIP CAP.	560pF	250V	U2J	GRM21A7U2E561JW31D	K22240322		1-	B	b4
C 4222	CHIP CAP.	330pF	250V	C0G	GRM21A5C2E331JW01D	K22240319		1-	B	d3
C 4223	CHIP CAP.	27pF	250V	C0G	GRM21A5C2E270JW01D	K22240306		1-	B	c4
C 4224	CHIP CAP.	27pF	250V	C0G	GRM21A5C2E270JW01D	K22240306		1-	B	b4
C 4225	CHIP CAP.	10pF	250V	C0G	GRM21A5C2E100JW01D	K22240301		1-	B	c4
C 4226	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	f3
C 4227	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	f1
C 4228	CHIP CAP.	18pF	250V	C0G	GRM21A5C2E180JW01D	K22240304		1-	B	e4
C 4230	CHIP CAP.	470pF	250V	U2J	GRM21A7U2E471JW31D	K22240321		1-	B	d4
C 4231	CHIP CAP.	47pF	250V	C0G	GRM21A5C2E470JW01D	K22240309		1-	B	b4
C 4232	CHIP CAP.	390pF	250V	U2J	GRM21A7U2E391JW31D	K22240320		1-	B	b4
C 4233	CHIP CAP.	33pF	250V	C0G	GRM21A5C2E330JW01D	K22240307		1-	B	c4
C 4234	CHIP CAP.	390pF	250V	U2J	GRM21A7U2E391JW31D	K22240320		1-	B	c4
C 4236	CHIP CAP.	56pF	250V	C0G	GRM21A5C2E560JW01D	K22240310		1-	B	b4
C 4238	CHIP CAP.	9pF	250V	C0G	GQM2195C2E9R0DB12D	K22240252		1-	B	a4
C 4240	CHIP CAP.	15pF	250V	C0G	GRM21A5C2E150JW01D	K22240303		1-	B	c4
C 4240	CHIP CAP.	12pF	250V	C0G	GRM21A5C2E120JW01D	K22240302		4-	B	c4
C 4242	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	f1
C 4243	CHIP CAP.	0.001uF	250V	U2J	GRM21A7U2E102JW31D	K22240325		1-	B	d4
C 4244	CHIP CAP.	470pF	250V	U2J	GRM21A7U2E471JW31D	K22240321		1-	B	b4
C 4245	CHIP CAP.	220pF	250V	C0G	GRM21A5C2E221JW01D	K22240317		1-	B	d4
C 4246	CHIP CAP.	100pF	250V	C0G	GRM21A5C2E101JW01D	K22240313		1-	B	c4
C 4247	CHIP CAP.	100pF	250V	C0G	GRM21A5C2E101JW01D	K22240313		1-	B	a4
C 4248	CHIP CAP.	27pF	250V	C0G	GRM21A5C2E270JW01D	K22240306		1-	B	c4
C 4249	CHIP CAP.	47pF	250V	C0G	GRM21A5C2E470JW01D	K22240309		1-	B	e4
C 4250	CHIP CAP.	270pF	250V	C0G	GRM21A5C2E271JW01D	K22240318		1-	B	d4
C 4258	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	f1
C 4259	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	f2
C 4260	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	f1
C 4261	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 4263	CHIP CAP.	0.1uF	250V	X7R	GRM31CR72E104KW03L	K22241804		1-	A	A2
C 4264	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	A2
C 4265	AL.ELECTRO.CAP.	47uF	35V		EEE1VA470WP	K48160005		1-	A	A1
C 4266	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	B	e3
C 4267	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	B	d4
C 4268	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	B	b4
C 4269	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	B	d4
C 4270	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	B	c4
C 4271	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	B	a4
C 4272	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	B	c4
C 4273	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a4
C 4274	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	a4
C 4276	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	a3
C 4277	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a3
C 4278	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	a3
C 4279	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F4
C 4280	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	a3
C 4281	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	a3
C 4282	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F3
C 4283	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a3
C 4284	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F3
C 4285	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	a3
C 4297	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	A	F2
C 4298	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	A	F2
C 4299	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	A	F2
C 4300	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	A	F2
C 4301	FILM CAP.	47pF	500V		UC232H0470J-T	K33279034		1-	A	D2
C 4302	FILM CAP.	47pF	500V		UC232H0470J-T	K33279034		1-	A	D1
C 4303	FILM CAP.	33pF	500V		UC232H0330J-T	K33279024		1-	A	D1
C 4305	FILM CAP.	10pF	500V		UC232H0100D-T	K33279019		1-	A	E3
C 4306	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	e1
C 4321	CHIP CAP.	0.01uF	25V	X5R	TMK063BJ103KP-F	K22149902		7-		
D 4001	DIODE				RB051L-40TE25	G2070718		1-	A	D1
D 4002	DIODE				RSX101VA-30TR	G2070984		1-	B	a1
D 4003	DIODE				RB051L-40TE25	G2070718		1-	A	D1
D 4004	DIODE				DAN202U T106	G2070162		1-	A	F1
D 4005	DIODE				BAS316	G2070716		1-	A	C1
D 4006	DIODE				DAN202U T106	G2070162		1-	A	F2
D 4007	DIODE				BAS316	G2070716		1-	B	e3
D 4008	DIODE				BAS316	G2070716		1-	B	d3
D 4009	DIODE				BAS316	G2070716		1-	B	b3
D 4010	DIODE				BAS316	G2070716		1-	B	d3
D 4011	DIODE				BAS316	G2070716		1-	B	c3
D 4012	DIODE				BAS316	G2070716		1-	B	b3

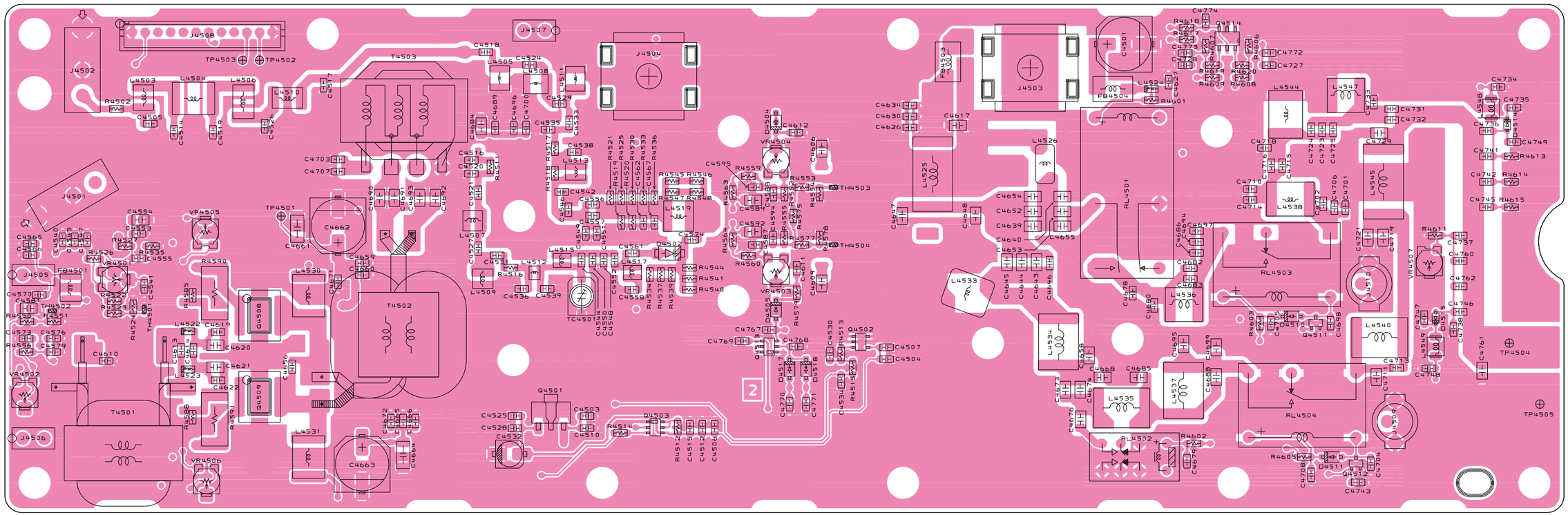
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
D 4013	DIODE				BAS316	G2070716		1-	B	c3
D 4014	DIODE				DB2J31300L	G2071338		1-	A	B4
D 4015	DIODE				DB2J31300L	G2071338		1-	A	B4
D 4016	SURGE ABSORBER				RHCA-501Q43U	Q9000922		1-	B	f2
D 4017	DIODE				BAS316	G2070716		1-	B	f2
D 4018	DIODE				BAS316	G2070716		1-	B	f3
D 4019	DIODE				BAS316	G2070716		1-	B	f2
D 4027	SURGE ABSORBER				RHCA-301Q43U	Q9000827		1-	B	f2
D 4030	DIODE				RB551V-30 TE-17	G2070892		1-	A	F2
D 4031	DIODE				RB551V-30 TE-17	G2070892		1-	A	F2
D 4032	DIODE				RB551V-30 TE-17	G2070892		1-	A	F2
D 4033	DIODE				RB551V-30 TE-17	G2070892		1-	A	F2
FB4001	RFC WITH BEADS				3A RI5.8X6.4-2	L1020732		1-	A	B2
J 4001	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	F1
J 4002	CONNECTOR				20FLT-SM2-TB(LF)(SN)	P1091247		1-	A	F2
J 4003	CONNECTOR				SC25-10WS	P0090629		1-	A	F4
J 4004	CONNECTOR				IMSA-9202B-1-02-T	P0091174		1-	A	F1
J 4005	CONNECTOR				IMSA-9202B-1-02-T	P0091174		1-	A	F2
J 4006	TERMINAL				P07	Q5000166		1-	A	B1
J 4007	TERMINAL				P07	Q5000166		1-	A	B2
J 4008	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	A2
J 4009	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	B3
J 4010	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	B2
J 4011	CONNECTOR				B3B-XH-A(LF)(SN)	P0091413		1-	A	A1
J 4012	CONNECTOR				B12B-ZR(LF)(SN)	P0090782		1-	A	F4
J 4013	CONNECTOR				SB20-03WS	P0090610		1-	A	F2
JP4001	WIRE ASSY				BLK 130 SIN/V2-M3	T9318362		1-		
JP4002	WIRE ASSY				RED 140 SIN/V2-M3	T9318364		1-		
JP4005	WIRE ASSY				GRA 30 */* QEV	T9318351		1-	A	B4
JP4006	WIRE ASSY				BLU 30 2/2	T50603000		1-2		
JP4007	WIRE ASSY				YEL 30 2/2	T50403000		1-2		
L 4001	COIL	0.056uH			TAS0806-56NK	L0023105		1-7	A	E2
L 4002	COIL	0.056uH			TAS0806-56NK	L0023105		1-7	A	E1
L 4003	TOROIDAL COIL	6uH			U 6H3 10X5X5	L0022039		1	A	D1
L 4003	TOROIDAL COIL	6uH			U N8C T10.9X5.8X4.7	L0023190		2-	A	D1
L 4004	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	A4
L 4005	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	A4
L 4006	TOROIDAL COIL	260uH			260U 3A RI9.3-4.8-5	L0022767A		1-	A	B4
L 4007	TOROIDAL COIL	0.21uH			0.21U T68-10	L0023007		1-	A	B3
L 4008	TOROIDAL COIL	4.41uH			4.41U 27T T68-2	L0023128		1-	A	C3
L 4009	TOROIDAL COIL	1.74uH			1.74U 18T T50-2	L0023130		1-	A	E3
L 4010	TOROIDAL COIL	1.13uH			1.13U 16T T50-6	L0023132		1-	A	D3
L 4010	TOROIDAL COIL	1.04uH			ERLA227	L0023256		8-	A	D3
L 4011	TOROIDAL COIL	0.364uH			0.364U 9T T50-6	L0023136		1-	A	E3
L 4011	TOROIDAL COIL	0.383uH			ERLA224	L0023232		8-	A	E3
L 4012	TOROIDAL COIL	0.4uH			0.40U T50-6	L0022974		1-	A	F3
L 4013	TOROIDAL COIL	0.25uH			0.25U T50-6	L0022976		1-	A	D3
L 4014	TOROIDAL COIL	0.21uH			0.21U T50-10	L0022979		1-	A	B4
L 4015	TOROIDAL COIL	0.971uH			0.971U 15T T50-6	L0023133		1-	A	C3
L 4015	TOROIDAL COIL	0.99uH			ERLA230	L0023254		8-	A	C3
L 4016	TOROIDAL COIL	0.5uH			0.50U T50-6	L0022975		1-	A	E4
L 4017	TOROIDAL COIL	0.5uH			0.50U T50-6	L0022975		1-	A	F4
L 4018	TOROIDAL COIL	0.34uH			0.34U T50-6	L0022977		1-	A	D4
L 4019	TOROIDAL COIL	0.18uH			0.18U T68-10	L0023006		1-	A	B4
L 4020	TOROIDAL COIL	3.46uH			3.46U 24T T68-2	L0023129		1-	A	C4
L 4021	TOROIDAL COIL	1.12uH			1.12U 14T T50-2	L0023131		1-	A	E4
L 4022	TOROIDAL COIL	0.563uH			0.563U 11T T50-6	L0023135		1-	A	D4
L 4022	TOROIDAL COIL	0.578uH			ERLA225	L0023234		8-	A	D4
L 4023	TOROIDAL COIL	0.563uH			0.563U 11T T50-6	L0023135		1-	A	E4
L 4023	TOROIDAL COIL	0.578uH			ERLA225	L0023234		8-	A	E4
L 4024	TOROIDAL COIL	0.5uH			0.50U T50-6	L0022975		1-	A	F4
L 4025	TOROIDAL COIL	0.34uH			0.34U T50-6	L0022977		1-	A	D4
L 4026	M.RFC	22uH			RCR875DNP-220L	L1190397		1-	A	A1
L 4027	M.RFC	120uH			RCH-875 121K	L1190396		1-	A	A1
P 4001	CONNECTOR				IMSA-9206H-T	P1090988		1-		
P 4002	CONNECTOR				IMSA-9206H-T	P1090988		1-		
P 4003	TERMINAL				H101	S5000331		1-		
P 4004	WIRE ASSY				AC051H	T9207202A		1-		
Q 4001	IC				LM20BIM7	G1094585		1-	A	E3
Q 4002	TRANSISTOR				UMD5N TR	G3070343		1-	A	F2
Q 4003	TRANSISTOR				2SC4081 T106	G3340818		1-	A	F3
Q 4004	TRANSISTOR				2SC4081 T106	G3340818		1-	A	E2
Q 4005	IC				BU2152FS(TAPE)	G1093942		1-	A	F4
Q 4006	TRANSISTOR				2SC4081 T106	G3340818		1-	A	E2
Q 4007	TRANSISTOR				2SB1143S	G3211430S		1-	A	G3

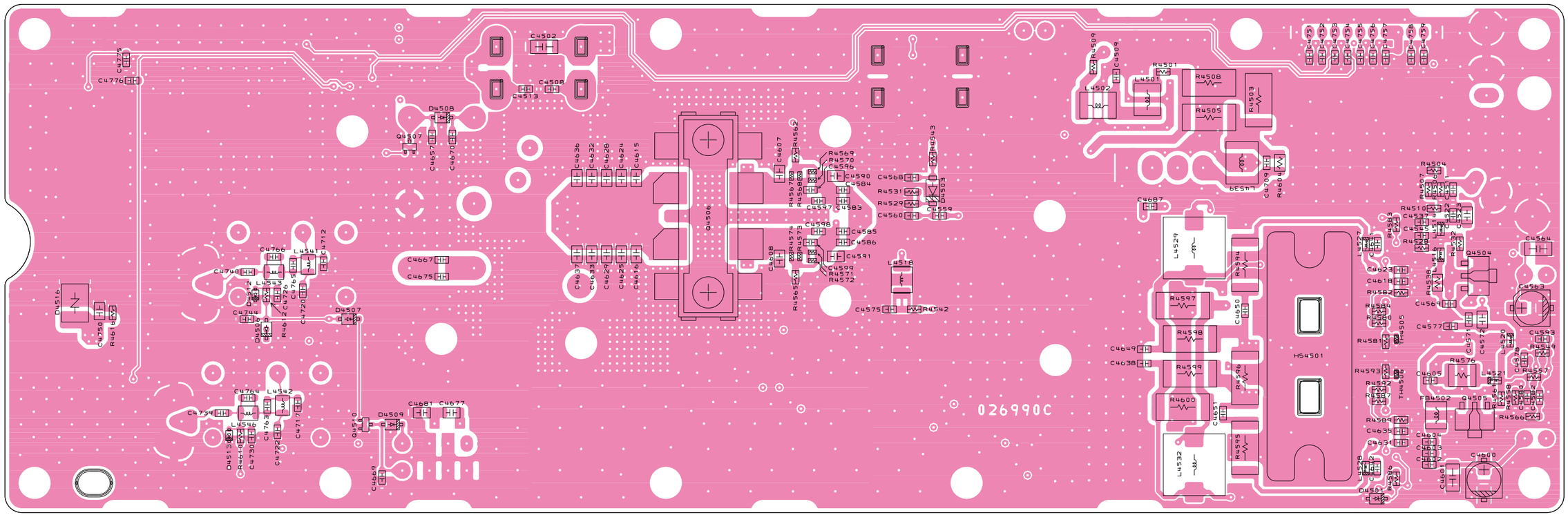
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
Q 4008	TRANSISTOR				2SA812-T2B M5B	G3108127E		1-	A	F2
Q 4009	IC				PQ090RDA2SZH	G1094987		1-	A	F1
Q 4010	IC				KIA7805API	G1093163		1-	A	G1
Q 4011	IC				BA033CC0FP-BZE2	G1094077		1-	A	F3
Q 4012	TRANSISTOR				UMD5N TR	G3070343		1-	A	D1
Q 4013	TRANSISTOR				DTC123JE TL	G3070323		1-	A	D1
Q 4014	TRANSISTOR				UMD5N TR	G3070343		1-	A	F4
Q 4015	TRANSISTOR				UMD5N TR	G3070343		1-	A	F4
Q 4016	TRANSISTOR				UMD5N TR	G3070343		1-	A	F4
Q 4017	FET				RD100HHF1-101	G3090151		1-	A	E2
Q 4018	FET				RD100HHF1-101	G3090151		1-	A	E1
Q 4019	TRANSISTOR				UMD5N TR	G3070343		1-	A	F4
Q 4020	TRANSISTOR				UMD5N TR	G3070343		1-	A	F4
Q 4021	TRANSISTOR				UMD5N TR	G3070343		1-	A	F4
Q 4022	TRANSISTOR				UMD5N TR	G3070343		1-	A	F4
Q 4023	TRANSISTOR				DTD123YK T146	G3070157		1-	A	A1
Q 4024	TRANSISTOR				2SC4081 T106	G3340818		1-	A	A1
Q 4025	TRANSISTOR				2SB1182-TLQ	G3070063		1-	A	A1
Q 4026	TRANSISTOR				UMD5N TR	G3070343		1-	A	G4
Q 4027	TRANSISTOR				UMD5N TR	G3070343		1-	A	F4
Q 4028	IC				M5223AFP 600C	G1092955		1-2		
Q 4029	IC				TA75S01F(TE85R.F)	G1091593		1-	B	e1
Q 4030	IC				SN74LVC2G53DCTR	G1094048		1-	A	F4
Q 4032	IC				LM2902PWR	G1094009		3-	A	A1
R 4001	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	G1
R 4002	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E3
R 4003	CHIP RES.	470	1W	5%	RMC1 471JTE	J24305471		1-	B	a1
R 4004	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	F1
R 4005	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	E3
R 4006	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	F1
R 4007	CHIP RES.	470	1W	5%	RMC1 471JTE	J24305471		1-	B	a2
R 4008	CHIP RES.	120	1W	5%	RMC1 121JTE	J24305121		1-	B	a2
R 4009	CHIP RES.	100	1W	5%	RMC1 101JTE	J24305101		1-	B	a2
R 4010	CHIP RES.	330	1W	5%	RMC1 331JTE	J24305331		1-	B	b2
R 4011	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E3
R 4012	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	F3
R 4013	CHIP RES.	270	1W	5%	RMC1 271JTE	J24305271		1-	B	b2
R 4014	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	B	a4
R 4015	CHIP RES.	3.9k	1/16W	1%	RMC1/16 392FTP	J24183392		1-	A	E3
R 4016	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	E3
R 4017	CHIP RES.	100	1/4W	5%	RMC1/4 101JATP	J24245101		1-	A	E2
R 4018	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	B	a4
R 4019	CHIP RES.	100	1/4W	5%	RMC1/4 101JATP	J24245101		1-	A	F2
R 4020	CHIP RES.	2.7k	1/16W	1%	RMC1/16 272FTP	J24183272		1-	A	F2
R 4021	CHIP RES.	10k	1/10W	0.1%	RR1220P-103-B	J24209098		1-	B	e1
R 4022	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	B	a4
R 4023	CHIP RES.	1.5k	1/10W	0.1%	RR1220P-152-B	J24209078		1-	B	e1
R 4024	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F3
R 4025	CHIP RES.	1.5k	1/10W	0.1%	RR1220P-152-B	J24209078		1-	B	e1
R 4026	CHIP RES.	100	1/4W	5%	RMC1/4 101JATP	J24245101		1-	A	E2
R 4027	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	f1
R 4028	CHIP RES.	0.33	1W	10%	RMC1 R33KATE	J24309001		1-	A	F3
R 4029	CHIP RES.	180k	1/10W	0.5%	RR1220R-184-D-T5	J24209225		1-	B	f1
R 4030	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	a1
R 4031	CHIP RES.	3.9	1W	5%	RMC1 3R9JTE	J24305399		1-	B	a1
R 4032	CHIP RES.	3.9	1W	5%	RMC1 3R9JTE	J24305399		1-	B	a1
R 4033	CHIP RES.	1.5k	1/10W	0.1%	RR1220P-152-B	J24209078		1-	B	f1
R 4034	CHIP RES.	1k	1/4W	5%	RMC1/4 102JATP	J24245102		1-	A	F2
R 4038	CHIP RES.	180k	1/10W	0.5%	RR1220R-184-D-T5	J24209225		1-	B	e1
R 4039	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	F1
R 4040	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	F2
R 4043	CHIP RES.	0.33	1W	10%	RMC1 R33KATE	J24309001		1-	A	E2
R 4046	CHIP RES.	0.33	1W	10%	RMC1 R33KATE	J24309001		1-	A	E1
R 4047	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	F1
R 4048	CHIP RES.	18	1W	5%	RMC1 180JTE	J24305180		1-	A	F1
R 4049	CHIP RES.	18	1W	5%	RMC1 180JTE	J24305180		1-	A	F2
R 4050	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	F2
R 4051	CHIP RES.	15	1W	5%	RMC1 150JTE	J24305150		1-	B	b2
R 4052	CHIP RES.	15	1W	5%	RMC1 150JTE	J24305150		1-	B	b1
R 4053	CHIP RES.	1k	1/4W	5%	RMC1/4 102JATP	J24245102		1-	A	E2
R 4054	CHIP RES.	1k	1/4W	5%	RMC1/4 102JATP	J24245102		1-	A	E1
R 4056	CHIP RES.	0.001	1W		TLR3ADTE1L00F	J24309042		1-	A	B1
R 4056	CHIP RES.	0.003	2W		TLR3AWDTE3L00F	J24339066		11-	A	B1
R 4057	CHIP RES.	15	1W	5%	RMC1 150JTE	J24305150		1-	B	b2
R 4058	CHIP RES.	15	1W	5%	RMC1 150JTE	J24305150		1-	B	b1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 4059	CHIP RES.	2.7k	1/16W	1%	RMC1/16 272FTP	J24183272		1-	A	A1
R 4060	CHIP RES.	10k	1/16W	1%	RMC1/16 103FTP	J24183103		1-	A	A1
R 4061	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A1
R 4062	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A1
R 4063	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	f1
R 4064	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	A1
R 4065	CHIP RES.	10k	1/10W	0.1%	RR1220P-103-B	J24209098		1-	B	f1
R 4066	CHIP RES.	1.5k	1/10W	0.1%	RR1220P-152-B	J24209078		1-	B	f1
R 4068	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	A1
R 4073	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	A1
R 4074	CHIP RES.	5.6k	1/16W	1%	RMC1/16 562FTP	J24183562		1-	A	A1
R 4075	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	A1
R 4076	CHIP RES.	2.7k	1/16W	1%	RMC1/16 272FTP	J24183272		1-	B	f3
R 4077	CHIP RES.	2.7k	1/16W	1%	RMC1/16 272FTP	J24183272		1-	B	f3
R 4078	CHIP RES.	3.3k	1/16W	1%	RMC1/16 332FTP	J24183332		1-	B	f3
R 4079	CHIP RES.	3.3k	1/16W	1%	RMC1/16 332FTP	J24183332		1-	B	f3
R 4080	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	d4
R 4081	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	e4
R 4082	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	c4
R 4083	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	b4
R 4084	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	d4
R 4085	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	c4
R 4086	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	a4
R 4087	CHIP RES.	56	1W	5%	RMC1 560JTE	J24305560		1-	B	f4
R 4088	CHIP RES.	56	1W	5%	RMC1 560JTE	J24305560		1-	B	f4
R 4089	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	f2
R 4090	CHIP RES.	1	1/4W	5%	RMC1/4 1R0JATP	J24245010		1-	A	A1
R 4092	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	f3
R 4093	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	e2
R 4094	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A1
R 4095	CHIP RES.	0	1W	5%	RMC1 JPATE	J24305000		1-	A	C2
R 4096	CHIP RES.	0	1W	5%	RMC1 JPATE	J24305000		1-	A	C1
R 4100	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	a4
R 4102	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	a4
R 4104	CHIP RES.	68k	1/16W	1%	RMC1/16 683FTP	J24183683		1-	A	G4
R 4105	CHIP RES.	2.7k	1/16W	1%	RMC1/16 272FTP	J24183272		1-	A	G4
R 4106	CHIP RES.	2.2k	1/16W	1%	RMC1/16 222FTP	J24183222		1-	A	G4
R 4107	CHIP RES.	470	1W	5%	RMC1 471JTE	J24305471		1-	B	a1
R 4108	CHIP RES.	120	1W	5%	RMC1 121JTE	J24305121		1-	B	a2
R 4110	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F2
R 4115	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		3-	A	G1
R 4116	CHIP RES.	6.8k	1/16W	1%	RMC1/16 682FTP	J24183682		3-	A	A1
R 4117	CHIP RES.	6.8k	1/16W	1%	RMC1/16 682FTP	J24183682		3-	A	A1
R 4118	CHIP RES.	33k	1/16W	1%	RMC1/16 333FTP	J24183333		3-	A	A1
R 4119	CHIP RES.	27k	1/16W	1%	RMC1/16 273FTP	J24183273		3-	A	A1
R 4120	CHIP RES.	18	1/2W	5%	RMC1/2 180JTE	J24275180		8-		
R 4121	CHIP RES.	18	1/2W	5%	RMC1/2 180JTE	J24275180		8-		
RL4001	RELAY		DC12V		ACP331 DC12V	M1190175		1-	A	C1
RL4002	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	C3
RL4003	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	D3
RL4004	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	F3
RL4005	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	D3
RL4006	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	B3
RL4007	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	E3
RL4008	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	C3
RL4009	RELAY		DC12V		AGQ200A12Z DC12V	M1190188		1-	A	A2
RL4010	RELAY		DC12V		G5Q-14 DC12V	M1190199		1-	A	A3
RL4011	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	C4
RL4012	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	F4
RL4013	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	B4
RL4014	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	E4
RL4015	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	D4
RL4016	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	D4
RL4017	RELAY		DC12V		FTR-B4SA012Z-B05	M1190209		1-	A	D4
RL4018	RELAY		DC12V		G5Q-14 DC12V	M1190199		1-	A	B2
T 4001	TOROIDAL COIL				EQ2M 16X8X8	L0023120		1-	A	B1
T 4001	TOROIDAL COIL	5.1uH			ERL9608	L0023250		7-	A	B1
T 4002	COIL PWR-WIDE				D12A RIB10	L0022980A		1-	A	F1
T 4003	COIL PWR-WIDE				4D4 RIB16	L0023113		1-	A	C1
TC4001	TRIMMER CAP.	20pF			TZB4R200AA10R00	K91000217		1-	A	A4
VR4001	POT.	2.2k			EVM3VSX50BE3	J51843222		1-	A	F1
VR4002	POT.	2.2k			EVM3VSX50BE3	J51843222		1-	A	F2
	SHIELD CASE					R0131670A		1-		
	SHIELD CASE COVER					R0131680		1-		


V_U-PA-UNIT (4501-4999)
Idq=35mA
Idq=100mA
Idq=600mA x 2
Idq=800mA
MECHA
STLIP LINE
HF/V/U TRIPLEXER
NOTE:
RESISTOR VALUES ARE IN Ω. 1/16W :
CAPACITOR VALUES ARE IN μF. 50V :
!!CAPACITOR VALUES ARE TANTALUM !!
ELECTROLYTIC CAPACITOR ARE IN μF. 16V :
INDUCTOR VALUES ARE IN H :
COILES VALUES ARE IN H :
UNLESS OTHERWISE NOTED.

Parts Layout (side A)




026990C

V_U-PA-UNIT (4501-4999)

Idq=35mA

Idq=100mA

Idq=600mA x 2

Idq=800mA

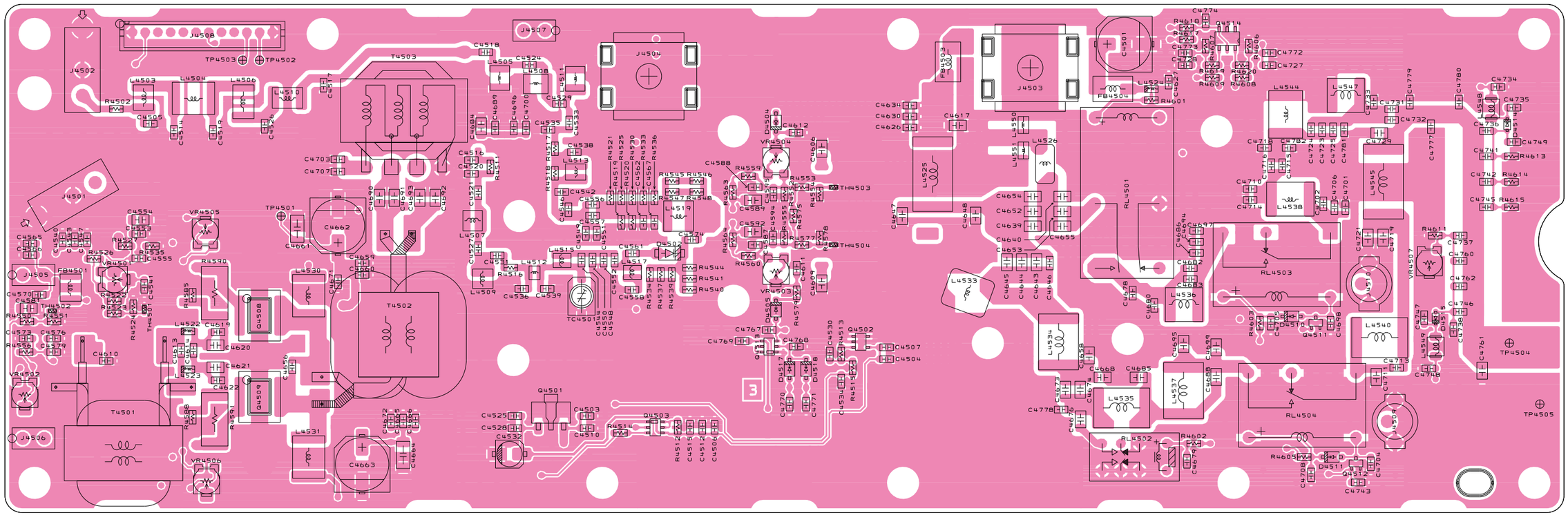
3dB ATT

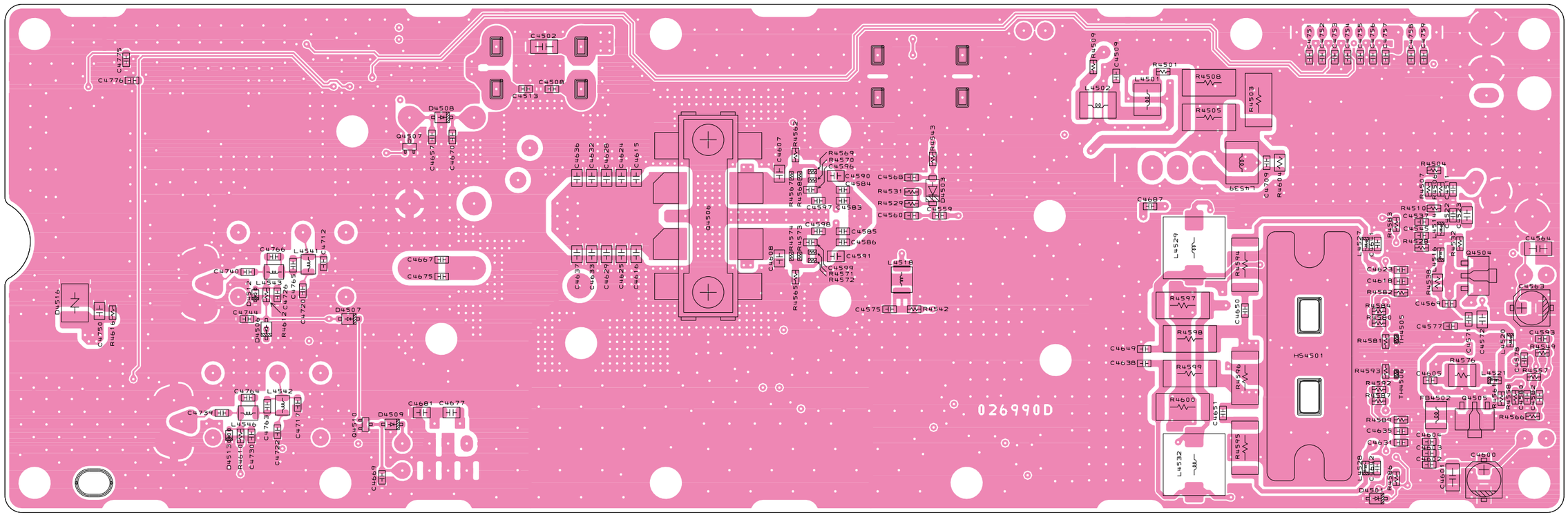
MECHA

STRIP LINE

NOTE:
RESISTOR VALUES ARE IN Ω. 1/16W :
CAPACITOR VALUES ARE IN μF. 50V :
!!:CAPACITOR VALUES ARE TANTALUM :
ELECTROLYTIC CAPACITOR ARE IN μF. 16V :
INDUCTOR VALUES ARE IN H :
COILES VALUES ARE IN H :
UNLESS OTHERWISE NOTED.

Parts Layout (side A)




026990D

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CS2321601				
C 4501	AL.ELECTRO.CAP.	47uF	35V		EEE1VA470WP	K48160005		1-	A	F1
C 4502	CHIP CAP.	10uF	25V	B	GRM31CB31E106KA75L	K22141815		1-	B	e1
C 4506	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C3
C 4507	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D3
C 4508	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	e1
C 4509	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	B	i1
C 4510	CHIP CAP.	0.033uF	16V	B	GRM188B11C333KA01D	K22124812		1-	A	B3
C 4512	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C3
C 4513	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	e1
C 4514	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	A1
C 4515	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	C3
C 4516	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CA01D	K22174204		1-	A	B1
C 4517	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	A1
C 4518	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	B1
C 4519	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	A1
C 4521	CHIP CAP.	8pF	50V	CH	GRM1882C1H8R0DA01D	K22174209		1-	A	B2
C 4522	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	j2
C 4523	CHIP CAP.	0.001uF	50V	CH	GRM2162C1H102JA01D	K22170288		1-	B	j2
C 4524	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	B1
C 4526	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	A1
C 4527	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CA01D	K22174206		1-	A	B2
C 4528	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B3
C 4529	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	B1
C 4530	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D3
C 4531	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	B2
C 4532	AL.ELECTRO.CAP.	10uF	16V		UWX1C100MCL2GB	K48120016		1-	A	B3
C 4533	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	B1
C 4534	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D3
C 4536	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CA01D	K22174204		1-	A	B2
C 4539	CHIP CAP.	7pF	50V	CH	GRM1882C1H7R0DA01D	K22174208		1	A	B2
C 4540	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A2
C 4542	CHIP CAP.	6pF	50V	CH	GRM1882C1H6R0DA01D	K22174207		1-	A	B2
C 4543	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 4544	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	B2
C 4545	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CA01D	K22174205		1-	B	j2
C 4547	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A2
C 4552	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	C2
C 4553	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A2
C 4554	CHIP CAP.	0.001uF	50V	CH	GRM2162C1H102JA01D	K22170288		1-	A	A2
C 4556	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	B2
C 4558	CHIP CAP.	8pF	50V	CH	GRM1882C1H8R0DA01D	K22174209		2	A	C2
C 4559	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	B	h2
C 4560	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	B	g2
C 4561	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	C2
C 4562	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	C2
C 4563	AL.ELECTRO.CAP.	10uF	16V		RV4-16V100MD46-RR2	K48120018		1-	B	j2
C 4564	CHIP CAP.	22uF	16V	B	GRM31CB31C226ME15L	K22121804		1-	B	j2
C 4565	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 4566	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A2
C 4567	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	C2
C 4568	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	B	g2
C 4569	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	j2
C 4570	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A2
C 4571	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	j2
C 4572	CHIP CAP.	0.001uF	50V	CH	GRM2162C1H102JA01D	K22170288		1-	B	j2
C 4573	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A2
C 4574	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	C2
C 4575	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	g2
C 4576	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 4579	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A3
C 4580	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CA01D	K22174205		1-	B	j3
C 4581	CHIP CAP.	0.001uF	50V	CH	GRM2162C1H102JA01D	K22170288		1-	A	A2
C 4583	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	B	g2
C 4584	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	B	g2
C 4585	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	B	g2
C 4586	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	B	g2
C 4587	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	C2
C 4588	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	C2
C 4589	CHIP CAP.	22pF	250V	C0G	GQM2195C2E220JB12D	K22240236		1-	A	C2
C 4590	CHIP CAP.	22pF	250V	C0G	GQM2195C2E220JB12D	K22240236		1-	B	g2
C 4591	CHIP CAP.	22pF	250V	C0G	GQM2195C2E220JB12D	K22240236		1-	B	g2
C 4592	CHIP CAP.	22pF	250V	C0G	GQM2195C2E220JB12D	K22240236		1-	A	C2
C 4593	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	j2
C 4594	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	C2

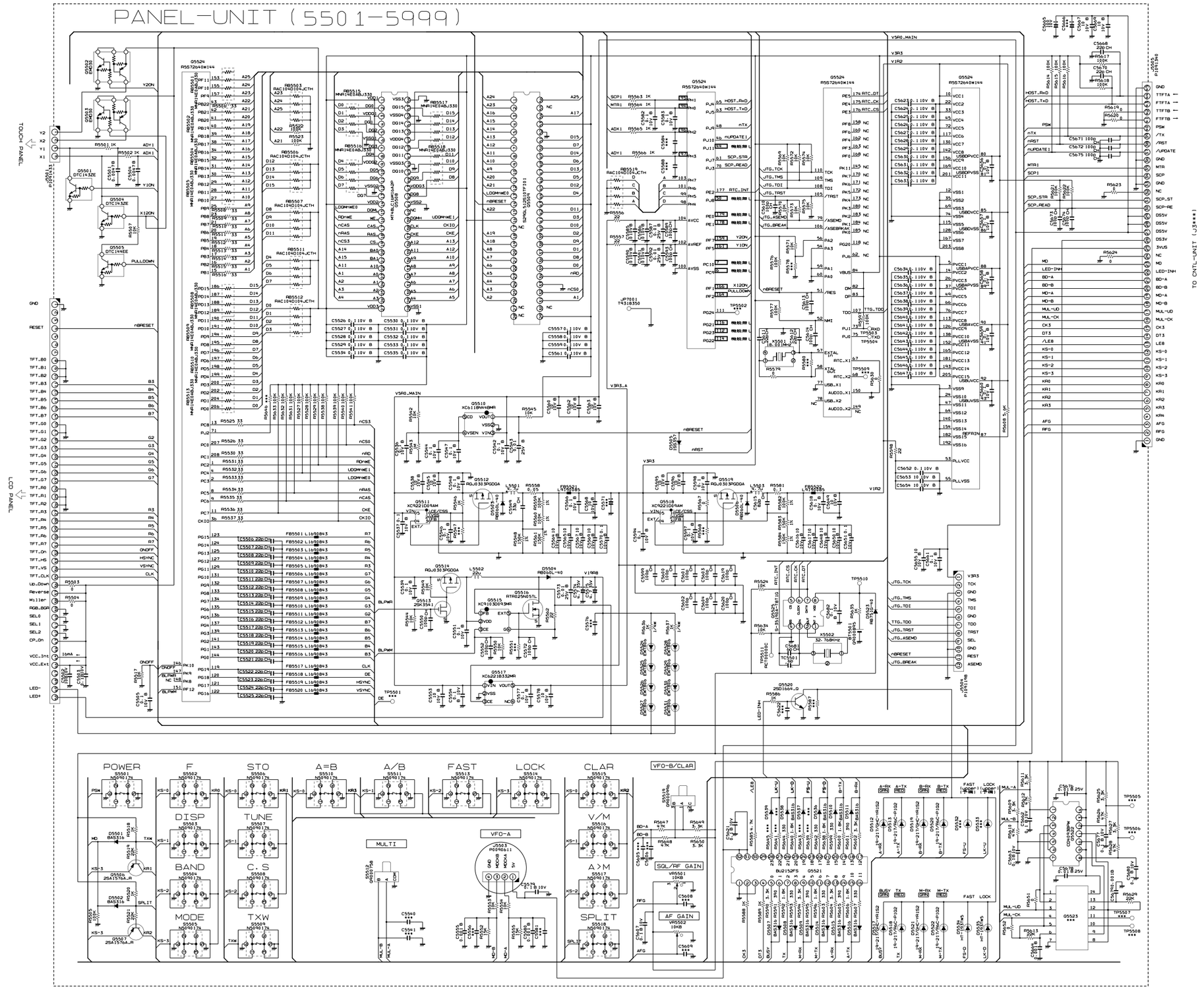
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 4595	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	C2
C 4596	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	B	g2
C 4597	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	B	g2
C 4598	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	B	g2
C 4599	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	B	g2
C 4600	AL.ELECTRO.CAP.	10uF	16V		RV4-16V100MD46-RR2	K48120018		1-	B	j3
C 4601	CHIP CAP.	22uF	16V	B	GRM31CB31C226ME15L	K22121804		1-	B	j3
C 4602	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	j3
C 4603	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	j3
C 4604	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	j3
C 4605	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	j3
C 4607	CHIP CAP.	15pF	250V	C0G	GQM2195C2E150JB12D	K22240234		1-	B	g2
C 4608	CHIP CAP.	15pF	250V	C0G	GQM2195C2E150JB12D	K22240234		1-	B	g2
C 4613	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	A3
C 4614	CHIP CAP.	10pF	50V	CH	GRM1882C1H100RA01D	K22174248		1-	A	A3
C 4615	CHIP CAP.	47pF	250V	C0G	GQM2195C2E470JB12D	K22240254		1-	B	f2
C 4616	CHIP CAP.	33pF	250V	C0G	GQM2195C2E330JB12D	K22240238		1-	B	f2
C 4617	CHIP CAP.	1uF	25V	B	GRM21BB31E105KA98L	K22140826		1-	A	E1
C 4618	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	j2
C 4619	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A2
C 4620	CHIP CAP.	0.001uF	50V	CH	GRM2162C1H102JA01D	K22170288		1-	A	A3
C 4621	CHIP CAP.	0.001uF	50V	CH	GRM2162C1H102JA01D	K22170288		1-	A	A3
C 4622	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A3
C 4623	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	B	j2
C 4625	CHIP CAP.	10pF	250V	C0G	GQM2195C2E100JB12D	K22240253		1-	B	f2
C 4626	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	D1
C 4627	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F1
C 4629	CHIP CAP.	2pF	250V	C0G	GQM2195C2E2R0BB12D	K22240225		1-	B	f2
C 4630	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	A	D1
C 4631	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	B	j3
C 4634	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	D1
C 4635	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	j3
C 4636	CHIP CAP.	18pF	250V	C0G	GQM2195C2E180JB12D	K22240235		1-	B	e2
C 4637	CHIP CAP.	18pF	250V	C0G	GQM2195C2E180JB12D	K22240235		1-	B	e2
C 4638	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	B	i3
C 4639	CHIP CAP.	3pF	250V	C0G	GQM2195C2E3R0BB12D	K22240226		1-	A	E2
C 4643	CHIP CAP.	33pF	250V	C0G	GQM2195C2E330GB12D	K22240231		1-	A	E2
C 4644	CHIP CAP.	33pF	250V	C0G	GQM2195C2E330GB12D	K22240231		1-	A	E2
C 4645	CHIP CAP.	27pF	250V	C0G	GQM2195C2E270GB12D	K22240230		1-	A	E2
C 4646	CHIP CAP.	4pF	250V	C0G	GQM1875C2E4R0CB12D	K22244212		1-	A	E2
C 4649	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	B	i3
C 4650	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	i2
C 4651	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	B	i3
C 4652	CHIP CAP.	4pF	250V	C0G	GQM2195C2E4R0BB12D	K22240227		1-	A	E2
C 4653	CHIP CAP.	100pF	250V	C0G	GRM21A5C2E101JW01D	K22240313		1-	A	E2
C 4654	CHIP CAP.	4pF	250V	C0G	GQM2195C2E4R0BB12D	K22240227		1-	A	E2
C 4655	CHIP CAP.	100pF	250V	C0G	GRM21A5C2E101JW01D	K22240313		1-	A	E2
C 4657	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	e1
C 4658	CHIP CAP.	8pF	250V	C0G	GQM2195C2E8R0DB12D	K22240251		1-	A	E3
C 4659	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A2
C 4660	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 4661	CHIP CAP.	10uF	25V	B	GRM31CB31E106KA75L	K22141815		1-	A	A2
C 4662	AL.ELECTRO.CAP.	47uF	35V		EEE1VA470WP	K48160005		1-	A	A2
C 4663	AL.ELECTRO.CAP.	47uF	35V		EEE1VA470WP	K48160005		1-	A	A3
C 4664	CHIP CAP.	10uF	25V	B	GRM31CB31E106KA75L	K22141815		1-	A	A3
C 4665	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 4666	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A3
C 4667	CHIP CAP.	10pF	250V	C0G	GQM1875C2E100JB12D	K22244224		1-	B	e2
C 4668	CHIP CAP.	8pF	250V	C0G	GQM2195C2E8R0DB12D	K22240251		1-	A	E3
C 4670	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	e1
C 4671	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A2
C 4672	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A3
C 4673	CHIP CAP.	0.001uF	100V	CH	GRM2192C2A102JA01D	K22200203		1-	A	E3
C 4674	CHIP CAP.	0.001uF	100V	CH	GRM2192C2A102JA01D	K22200203		1-	A	E3
C 4675	CHIP CAP.	7pF	250V	C0G	GQM1875C2E7R0DB12D	K22244218		1-	B	e2
C 4677	CHIP CAP.	3pF	250V	C0G	GQM2195C2E3R0CB12D	K22240246		1-	B	e3
C 4680	CHIP CAP.	2pF	250V	C0G	GQM1875C2E2R0CB12D	K22244208		1-	A	F2
C 4681	CHIP CAP.	12pF	250V	C0G	GRM21A5C2E120JW01D	K22240302		1-	B	e3
C 4685	CHIP CAP.	12pF	250V	C0G	GRM21A5C2E120JW01D	K22240302		1-	A	F3
C 4686	CHIP CAP.	4pF	250V	C0G	GQM1875C2E4R0CB12D	K22244212		1-	A	F2
C 4687	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CA01D	K22174204		1-	B	i2
C 4688	CHIP CAP.	9pF	250V	C0G	GQM2195C2E9R0DB12D	K22240252		1-	A	F3
C 4690	CHIP CAP.	0.001uF	50V	CH	GRM2162C1H102JA01D	K22170288		1-	A	A2
C 4691	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	A2
C 4692	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	A2

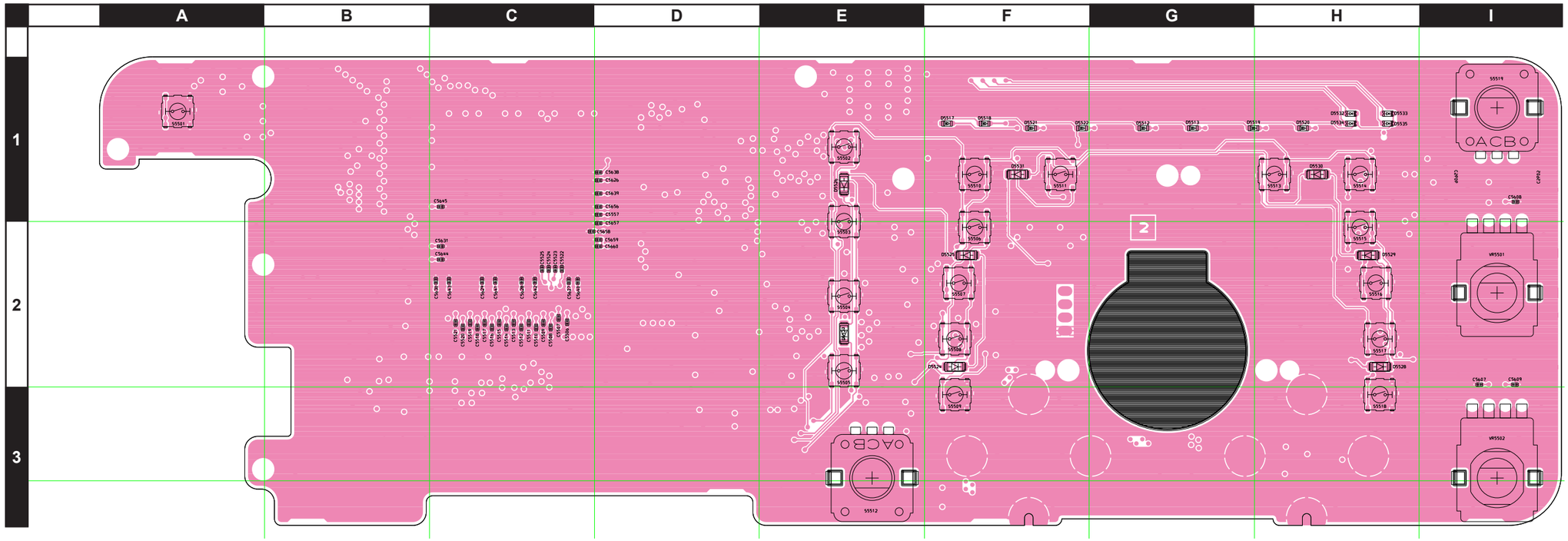
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 4693	CHIP CAP.	0.001uF	50V	CH	GRM2162C1H102JA01D	K22170288		1-	A	A2
C 4694	CHIP CAP.	4pF	250V	C0G	GQM1875C2E4R0CB12D	K22244212		1-	A	F2
C 4695	CHIP CAP.	10pF	250V	C0G	GRM21A5C2E100JW01D	K22240301		1-	A	F3
C 4697	CHIP CAP.	4pF	250V	C0G	GQM1875C2E4R0CB12D	K22244212		1-	A	F2
C 4698	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G2
C 4699	CHIP CAP.	12pF	250V	C0G	GRM21A5C2E120JW01D	K22240302		1-	A	F3
C 4701	CHIP CAP.	3pF	250V	C0G	GQM1875C2E3R0CB12D	K22244210		1-	A	G2
C 4702	CHIP CAP.	3pF	250V	C0G	GQM1875C2E3R0CB12D	K22244210		1-	A	G2
C 4704	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G3
C 4705	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F2
C 4706	CHIP CAP.	3pF	250V	C0G	GQM1875C2E3R0CB12D	K22244210		1-	A	G2
C 4708	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G3
C 4710	CHIP CAP.	3pF	250V	C0G	GQM1875C2E3R0CB12D	K22244210		1-	A	F2
C 4712	CHIP CAP.	8pF	50V	CH	GRM1882C1H8R0DA01D	K22174209		1-	B	d2
C 4714	CHIP CAP.	3pF	250V	C0G	GQM1875C2E3R0CB12D	K22244210		1-	A	F2
C 4715	CHIP CAP.	4pF	250V	C0G	GQM1875C2E4R0CB12D	K22244212		1-	A	F1
C 4716	CHIP CAP.	4pF	250V	C0G	GQM1875C2E4R0CB12D	K22244212		1-	A	F1
C 4717	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	B	d3
C 4718	CHIP CAP.	2pF	250V	C0G	GQM1875C2E2R0CB12D	K22244208		3-	A	F1
C 4719	CHIP CAP.	10pF	250V	C0G	GRM21A5C2E100JW01D	K22240301		1-	A	G2
C 4720	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CA01D	K22174206		1-	B	d2
C 4721	CHIP CAP.	10pF	250V	C0G	GRM21A5C2E100JW01D	K22240301		1-	A	G2
C 4722	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	B	d3
C 4723	CHIP CAP.	2pF	250V	C0G	GQM1875C2E2R0CB12D	K22244208		1-	A	G1
C 4724	CHIP CAP.	2pF	250V	C0G	GQM1875C2E2R0CB12D	K22244208		1-	A	G1
C 4725	CHIP CAP.	0.5pF	250V	C0G	GQM1875C2ER50CB12D	K22244202		1-	A	G1
C 4726	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CA01D	K22174204		1-	B	d2
C 4727	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F1
C 4728	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F1
C 4730	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	B	d3
C 4731	CHIP CAP.	4pF	250V	C0G	GQM1875C2E4R0CB12D	K22244212		1-	A	G1
C 4732	CHIP CAP.	4pF	250V	C0G	GQM1875C2E4R0CB12D	K22244212		1-	A	G1
C 4734	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	H1
C 4735	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	H1
C 4738	CHIP CAP.	1pF	50V	CK	GRM1884C1H1R0BA01D	K22174267		1-	A	G2
C 4739	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	B	c3
C 4740	CHIP CAP.	0.001uF	50V	CH	GRM1882C1H102JA01D	K22174275		1-	B	c2
C 4741	CHIP CAP.	0.5pF	50V	CK	GRM1884C1HR50BA01D	K22174265		1-	A	H1
C 4743	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G3
C 4744	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	c2
C 4746	CHIP CAP.	0.5pF	50V	CK	GRM1884C1HR50BA01D	K22174265		1-	A	H2
C 4747	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G2
C 4748	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G3
C 4751	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	j1
C 4752	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	j1
C 4753	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	j1
C 4754	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	j1
C 4755	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	j1
C 4756	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	j1
C 4757	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	j1
C 4758	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	j1
C 4759	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	B	j1
C 4761	CHIP CAP.	1pF	250V	C0G	GQM2195C2E1R0CB12D	K22240244		1-	A	H3
C 4777	CHIP CAP.	1pF	250V	C0G	GQM1875C2E1R0CB12D	K22244206		3-	A	G1
C 4778	CHIP CAP.	2pF	250V	C0G	GQM1875C2E2R0CB12D	K22244208		3	A	E3
C 4778	CHIP CAP.	5pF	250V	C0G	GQM1875C2E5R0CB12D	K22244214		4-	A	E3
D 4501	DIODE				UDZS TE-17 3.9B	G2070906		1-	B	j3
D 4502	DIODE				JDP2S12CR	G2071416		1-	A	C2
D 4503	DIODE				JDP2S12CR	G2071416		1-	B	h2
D 4505	DIODE				BAS316	G2070716		1-	A	D2
D 4506	DIODE				1SS355 TE-17	G2070470		1-	B	d2
D 4508	DIODE				1SS355 TE-17	G2070470		1-	B	e1
D 4510	DIODE				1SS355 TE-17	G2070470		1-	A	G2
D 4511	DIODE				1SS355 TE-17	G2070470		1-	A	G3
D 4512	DIODE				1SS390	G2071226		1-	B	d2
D 4513	DIODE				1SS390	G2071226		1-	B	c3
D 4514	DIODE				RB751S-40TE61	G2070850		1-	A	H1
D 4515	DIODE				RB751S-40TE61	G2070850		1-	A	G2
D 4516	SURGE ABSORBER				RHCA-301Q43U	Q9000827		1-	B	b2
D 4517	DIODE				BAS316	G2070716		1-	A	D3
D 4518	DIODE				BAS316	G2070716		1-	A	D3
FB4501	FERRITE BEADS				FBMH3225HM102NT	L9190173		1-	A	A2
FB4502	FERRITE BEADS				FBMH3225HM102NT	L9190173		1-	B	j3
FB4503	FERRITE BEADS				SMB304729	L9190094		1-	A	E1
FB4504	FERRITE BEADS				SMB304729	L9190094		1-	A	E1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
HS4501	HEATSINK PLATE					RA0416500		1-	B	j3
J 4501	CONNECTOR				TMP-S01X-B1	P1091466		1-	A	A2
J 4502	CONNECTOR				TMP-S01X-B1	P1091466		1-	A	A1
J 4503	TERMINAL				Y106	S5000179		1-	A	E1
J 4504	TERMINAL				Y106	S5000179		1-	A	C1
J 4505	CONNECTOR				IMSA-9202B-1-02-T	P0091174		1-	A	A2
J 4506	CONNECTOR				IMSA-9202B-1-02-T	P0091174		1-	A	A3
J 4507	CONNECTOR				IMSA-9202B-1-02-T	P0091174		1-	A	B1
J 4508	CONNECTOR				B12B-ZR(LF)(SN)	P0090782		1-	A	A1
J 4509	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	G3
J 4510	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	G2
L 4501	COIL				E2 0.5-2.0-6T-R	L0022488		1-	B	i1
L 4502	COIL				E2 0.5-2.0-7T-R	L0022489		1-	B	i1
L 4503	COIL				E2 0.25-1.85-8.5T-L	L0022576		1-	A	A1
L 4504	COIL				E2 0.4-3.0-9.5T-L	L0022575		1-	A	A1
L 4505	COIL				E2 0.3-1.7-8T-L	L0022376		1-	A	B1
L 4506	COIL				E2 0.25-1.9-12.5T-L	L0022600		1-	A	A1
L 4507	COIL				E2 0.45-1.4-4T-L	L0022391		1-	A	B2
L 4508	COIL				E2 0.3-1.7-8T-L	L0022376		1-	A	B1
L 4509	COIL				E2 0.35-1.6-4.5T-L	L0022577		1-	A	B2
L 4510	COIL				E2 0.25-1.9-12T-L	L0022592		1-	A	A1
L 4511	COIL				E2 0.3-1.7-8T-L	L0022376		1-	A	B1
L 4512	COIL				E2 0.3-0.9-3T-R	L0022389		1-	A	B2
L 4514	M.RFC	0.012uH			HK1608 12NJ-T	L1690517		1-	B	j2
L 4516	M.RFC	0.082uH			HK1608 82NJ-T	L1690527		1-	B	j2
L 4517	COIL	0.009uH			ASs050325-8R8NJ	L0022612		2	A	C2
L 4518	CHIP COIL	1uH			NLV32T-1R0J-PF	L1691349		1-	B	g2
L 4519	COIL	0.012uH			AS080336-12N	L0022810		1-	A	C2
L 4520	M.RFC	0.012uH			HK1608 12NJ-T	L1690517		1-	B	j2
L 4521	M.RFC	0.056uH			HK1608 56NJ-T	L1690525		1-	B	j3
L 4522	M.RFC	0.0027uH			HK1608 2N7S-T	L1690509		1-	A	A2
L 4523	M.RFC	0.0027uH			HK1608 2N7S-T	L1690509		1-	A	A3
L 4524	M.RFC	0.47uH			HK1608 R47J-T	L1691577		1-	A	F1
L 4525	COIL	0.047uH			AS100747-47N	L0022548		1-	A	D2
L 4526	COIL A1				1.5T3.0D0.8UEW R	L0022341		1-	A	E1
L 4527	M.RFC	0.022uH			HK1608 22NJ-T	L1690520		1-	B	j2
L 4528	M.RFC	0.022uH			HK1608 22NJ-T	L1690520		1-	B	j3
L 4529	M.RFC	10uH			CDRH74-100MC	L1690599		1-	B	i2
L 4530	COIL				E2 0.4-3.0-9.5T-L	L0022575		1-	A	A2
L 4531	COIL				E2 0.4-3.0-9.5T-L	L0022575		1-	A	A3
L 4532	M.RFC	10uH			CDRH74-100MC	L1690599		1-	B	i3
L 4533	COIL A1				1.5T3.0D1.2AIW R	L0023208		1-	A	E2
L 4534	COIL	0.033uH			AS100547-33N	L0022546		1-	A	E2
L 4535	COIL	0.033uH			AS100547-33N	L0022546		1-	A	F3
L 4536	COIL	0.01uH			AS100340-10N	L0022544		1-	A	F2
L 4537	COIL	0.033uH			AS100547-33N	L0022546		1-	A	F3
L 4538	COIL	0.015uH			AS100440-15N	L0022811		1-	A	G2
L 4540	COIL	0.033uH			AS100547-33N	L0022546		1-	A	G2
L 4541	M.RFC	0.012uH		2%	0805CS-120XGLC	L1691623		1-	B	d2
L 4542	M.RFC	0.056uH		2%	0805CS-560XGLC	L1691631		1-	B	d3
L 4543	M.RFC	0.01uH		2%	0805CS-100XGLC	L1691622		1-	B	d2
L 4544	COIL	0.015uH			AS100440-15N	L0022811		1-	A	G1
L 4545	COIL	0.047uH			AS100747-47N	L0022548		1-	A	G2
L 4546	M.RFC	0.056uH		2%	0805CS-560XGLC	L1691631		1-	B	c3
L 4547	COIL	0.01uH			AS100340-10N	L0022544		1-	A	G1
L 4548	CHIP COIL	4.7uH		5%	NLV25T-4R7J-PF	L1691432		1-	A	H1
L 4549	CHIP COIL	4.7uH		5%	NLV25T-4R7J-PF	L1691432		1-	A	G3
L 4550	TERMINAL	0uH			NC-0.5-2.0-T	L0023022		7-	A	E1
L 4551	TERMINAL	0uH			NC-0.5-2.0-T	L0023022		7-	A	E1
P 4501	CONNECTOR				IMSA-9206H-T	P1090988		1-		
P 4502	CONNECTOR				IMSA-9206H-T	P1090988		1-		
P 4503	CONNECTOR				IMSA-9206H-T	P1090988		1-		
Q 4501	IC				TA78L05F(TE12L.F)	G1091014		1-	A	B3
Q 4502	IC				LM20BIM7	G1094585		1-	A	D2
Q 4503	TRANSISTOR				UMD6N TR	G3070215		1-	A	C3
Q 4504	FET				RD01MUS1-T113	G3070321		1-	B	j2
Q 4505	FET				RD01MUS1-T113	G3070321		1-	B	j3
Q 4506	FET				RD70HUF2	G3090157		1-	B	f2
Q 4507	TRANSISTOR				DTC143EE TL	G3070114		1-	B	d1
Q 4508	FET				RD07MUS2B	G3070412		1-	A	A2
Q 4509	FET				RD07MUS2B	G3070412		1-	A	A3
Q 4511	TRANSISTOR				DTC143EE TL	G3070114		1-	A	G2
Q 4512	TRANSISTOR				DTC143EE TL	G3070114		1-	A	G3
Q 4513	TRANSISTOR				UMD5N TR	G3070343		1-	A	C3
Q 4514	TRANSISTOR				IMH6A T108	G3070066		1-	A	F1

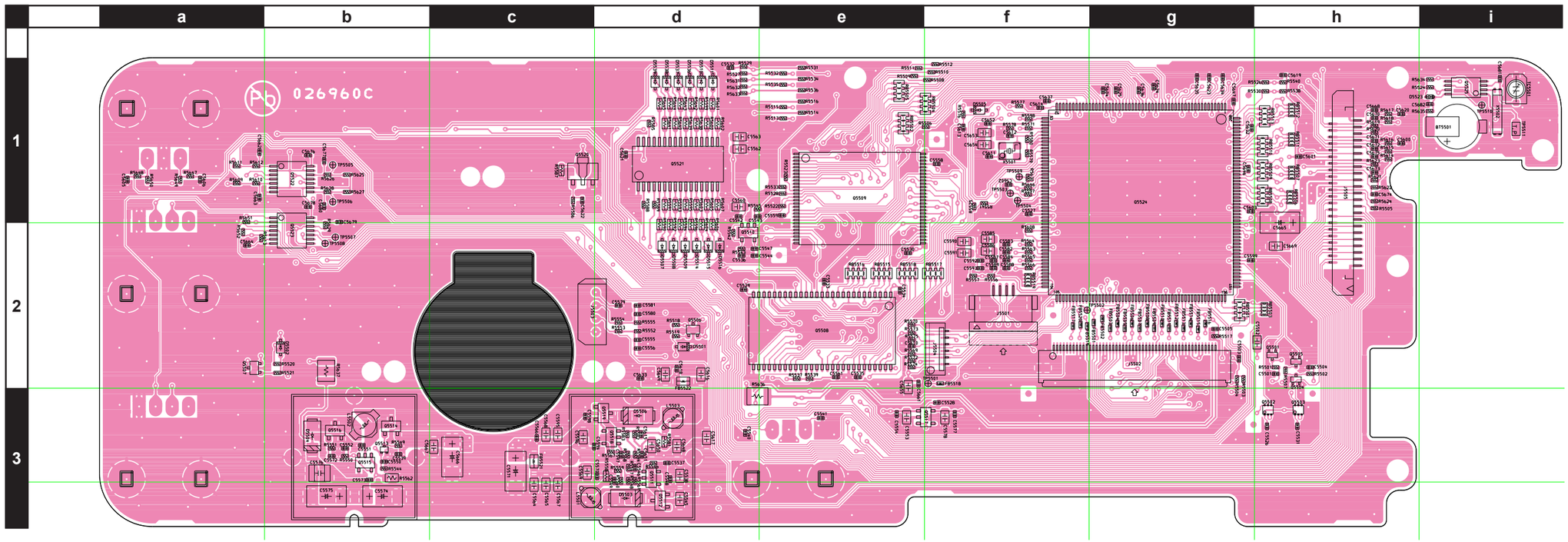
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 4501	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	i1
R 4502	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A1
R 4503	CHIP RES.	820	1W	5%	RMC1 821JTE	J24305821		1-	B	i1
R 4504	CHIP RES.	270	1/16W	5%	RMC1/16 271JATP	J24185271		1-	B	j1
R 4505	CHIP RES.	6.8	1W	5%	RMC1 6R8JTE	J24305689		1-	B	i1
R 4506	CHIP RES.	39	1/16W	5%	RMC1/16 390JATP	J24185390		1-	B	j2
R 4507	CHIP RES.	39	1/16W	5%	RMC1/16 390JATP	J24185390		1-	B	j2
R 4508	CHIP RES.	820	1W	5%	RMC1 821JTE	J24305821		1-	B	i1
R 4509	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	h1
R 4510	CHIP RES.	270	1/16W	5%	RMC1/16 271JATP	J24185271		1-	B	j2
R 4511	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B1
R 4512	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C3
R 4513	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	D3
R 4514	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C3
R 4515	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	D3
R 4516	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B2
R 4517	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B1
R 4518	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B1
R 4519	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C2
R 4520	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C2
R 4521	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C2
R 4523	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	A2
R 4524	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	A2
R 4525	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C2
R 4526	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	A2
R 4527	CHIP RES.	56	1/16W	5%	RMC1/16 560JATP	J24185560		1-	A	A2
R 4528	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	B	j2
R 4529	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	g2
R 4530	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C2
R 4531	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	g2
R 4532	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	B	j2
R 4533	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C2
R 4534	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C2
R 4536	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C2
R 4537	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C2
R 4538	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	B	j2
R 4539	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C2
R 4540	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C2
R 4541	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C2
R 4542	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	B	g2
R 4543	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	h1
R 4544	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C2
R 4545	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C2
R 4546	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C2
R 4547	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C2
R 4548	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C2
R 4550	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	A2
R 4551	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	A2
R 4555	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	D2
R 4556	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	A3
R 4557	CHIP RES.	56	1/16W	5%	RMC1/16 560JATP	J24185560		1-	B	j3
R 4558	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	B	j3
R 4559	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C2
R 4560	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C2
R 4561	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	B	j3
R 4563	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C2
R 4564	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C2
R 4567	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	g2
R 4568	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	g2
R 4569	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	g1
R 4570	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	g2
R 4571	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	g2
R 4572	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	g2
R 4573	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	g2
R 4574	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	g2
R 4575	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	D2
R 4576	CHIP RES.	150	1/4W	5%	RMC1/4 151JATP	J24245151		1-	B	j3
R 4577	CHIP RES.	1.2k	1/16W	5%	RMC1/16 122JATP	J24185122		1-	A	D2
R 4578	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	D2
R 4579	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	A	D2
R 4580	CHIP RES.	5.6k	1/16W	5%	RMC1/16 562JATP	J24185562		1-	B	j2
R 4581	CHIP RES.	8.2k	1/16W	5%	RMC1/16 822JATP	J24185822		1-	B	j2
R 4582	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	j2
R 4583	CHIP RES.	2.7k	1/16W	5%	RMC1/16 272JATP	J24185272		1-	B	j2
R 4583	CHIP RES.	2.4k	1/16W	0.5%	RGC1/16C242DTP	J24189414		14-	B	j2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 4584	CHIP RES.	56	1/16W	5%	RMC1/16 560JATP	J24185560		1-	B	j2
R 4586	CHIP RES.	2.7k	1/16W	5%	RMC1/16 272JATP	J24185272		1-	B	j3
R 4586	CHIP RES.	2.4k	1/16W	0.5%	RGC1/16C242DTP	J24189414		14-	B	j3
R 4587	CHIP RES.	56	1/16W	5%	RMC1/16 560JATP	J24185560		1-	B	j3
R 4589	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	j3
R 4590	CHIP RES.	0	1W	5%	RMC1 JPATE	J24305000		1-	A	A2
R 4591	CHIP RES.	0	1W	5%	RMC1 JPATE	J24305000		1-	A	A3
R 4592	CHIP RES.	5.6k	1/16W	5%	RMC1/16 562JATP	J24185562		1-	B	j3
R 4593	CHIP RES.	8.2k	1/16W	5%	RMC1/16 822JATP	J24185822		1-	B	j3
R 4594	CHIP RES.	220	1W	5%	RMC1 221JTE	J24305221		1-	B	i2
R 4595	CHIP RES.	220	1W	5%	RMC1 221JTE	J24305221		1-	B	i3
R 4598	CHIP RES.	470	1W	5%	RMC1 471JTE	J24305471		1-	B	i2
R 4599	CHIP RES.	470	1W	5%	RMC1 471JTE	J24305471		1-	B	i3
R 4601	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	F1
R 4603	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	F2
R 4604	CHIP RES.	0	1/10W	5%	RMC1/10T 000J	J24205000		1-	B	j1
R 4605	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	G3
R 4608	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F1
R 4609	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F1
R 4610	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	c3
R 4611	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G2
R 4612	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	d2
R 4613	CHIP RES.	47	1/16W	1%	RMC1/16 470FTP	J24183470		1-	A	H1
R 4616	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	B	c2
R 4618	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	F1
R 4619	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	A	F1
R 4619	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		8-	A	F1
R 4620	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	A	F1
R 4620	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		8-	A	F1
RL4501	RELAY		DC12V		AGP2013F DC12V	M1190198		1-	A	F2
RL4503	RELAY		DC12V		G6E-134P-US DC12V	M1190068		1-	A	F2
RL4504	RELAY		DC12V		G6E-134P-US DC12V	M1190068		1-	A	F3
T 4501	COIL PWR-WIDE				3A6 RIB8X14X6.5	L0022641A		1-	A	A3
T 4502	COIL PWR-WIDE				AH047M	L0023145		1-	A	A2
T 4503	COIL PWR-WIDE				A0898	L0022552		1-	A	A1
TC4501	TRIMMER CAP.	20pF			TZC3P200A110R00	K91000283		1-	A	B2
TH4501	THERMISTOR				ERTJ0ER103J	G9090119		1-	A	A2
TH4502	THERMISTOR				ERTJ0ER103J	G9090119		1-	A	A2
TH4505	THERMISTOR				ERTJ0ER103J	G9090119		1-	B	j2
TH4506	THERMISTOR				ERTJ0ER103J	G9090119		1-	B	j3
VR4501	POT.	2.2k			EVM3VSX50BE3	J51843222		1-	A	A2
VR4502	POT.	2.2k			EVM3VSX50BE3	J51843222		1-	A	A3
VR4503	POT.	3.3k			EVM3VSX50BY3	J51843332		1-	A	D2
VR4505	POT.	4.7k			EVM3VSX50BQ3	J51843472		1-	A	A2
VR4506	POT.	4.7k			EVM3VSX50BQ3	J51843472		1-	A	A3
VR4507	POT.	220			EVM3VSX50BE2	J51843221		1-	A	G2

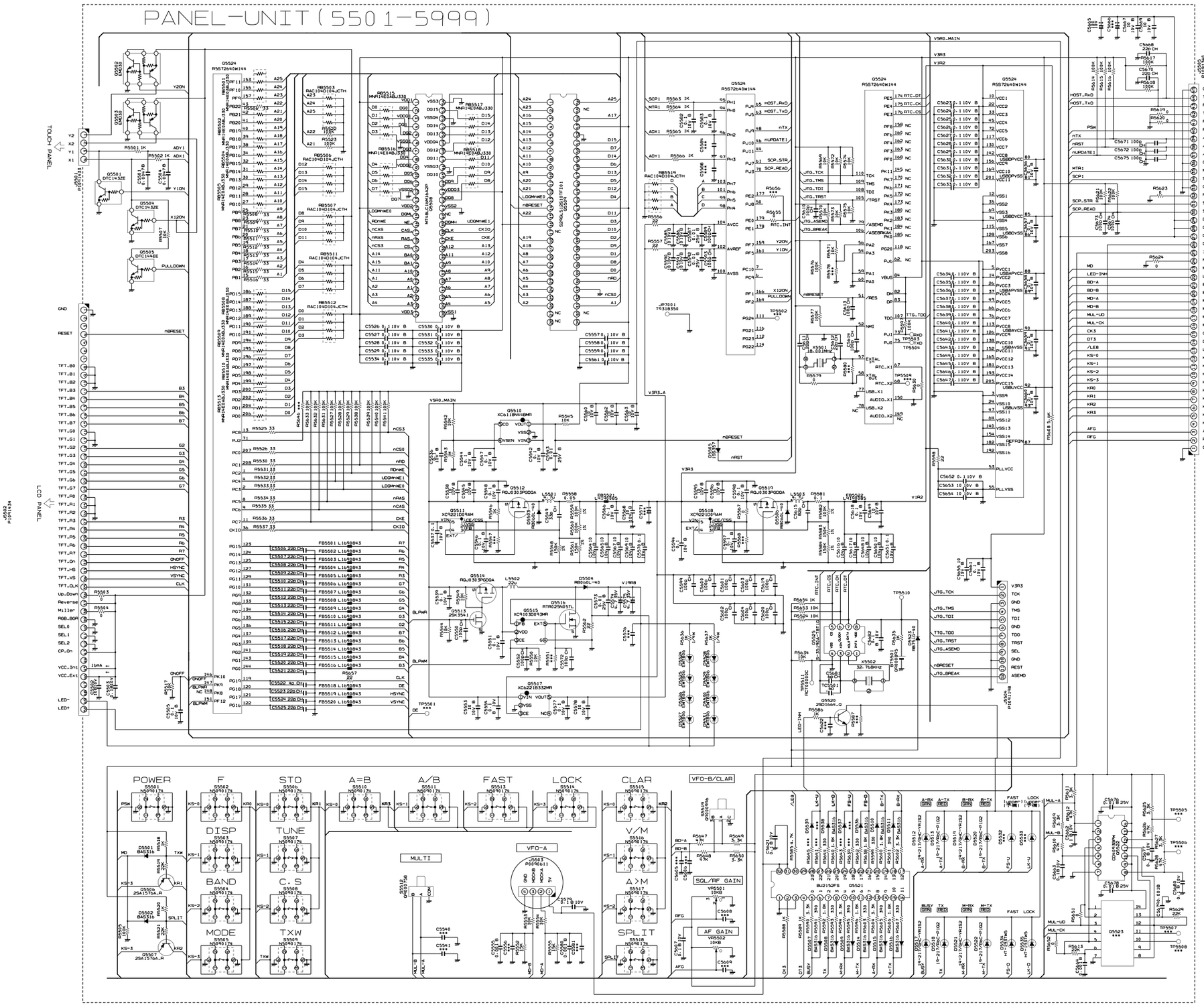

PANEL-UNIT (5501-5999)
TOUCH PANEL
LCD PANEL
TO CNTL-UNIT (J5***)
POWER
F
STO
A=B
A/B
FAST
LOCK
CLAR
VFO-B/CLAR
DISP
TUNE
BAND
C.S
MODE
TXW
V/M
A>M
SPLIT
MULTI
VFO-A
SQL/RF GAIN
AF GAIN
VSR0_MAIN
V3R3
V1R2
TFT_B0
TFT_B1
TFT_B2
TFT_B3
TFT_B4
TFT_B5
TFT_B6
TFT_B7
TFT_G0
TFT_G1
TFT_G2
TFT_G3
TFT_G4
TFT_G5
TFT_G6
TFT_G7
TFT_R0
TFT_R1
TFT_R2
TFT_R3
TFT_R4
TFT_R5
TFT_R6
TFT_R7
TFT_ON
TFT_HS
TFT_VS
TFT_CLK
LED-
LED+
nBRESET
nCS0
nCS3
nRD
RDWE
UDQMWE1
LDQMWE0
nRAS
nCAS
CKE
CK10
HSYNC
VSYNC
DE
BLPWM
ONOFF
HOST_RxD
HOST_TxD
nTX
nUPDATE1
SCP_STR
SCP_READ
RTC_INT
Y2ON
Y1ON
X12ON
PULLDOWN
X5501
16.384MHz
X5502
32.768KHz
TCK
TMS
TDI
TRST
ASEMD
ASEBRKACK
TTG_TDO
TXD
RXD
EXTAL
RTC_X1
RTC_X2
USB_X1
USB_X2
AUDIO_X1
AUDIO_X2
TFTA
TFTB
TFTC
TFTD
PSW
nRST
nUPDATE
MTR1
SCP1
SCP_ST
SCP_RE
3VUS
MD
LED-IN
BD-A
BD-B
MD-A
MD-B
MUL-UD
MUL-CK
CK3
DT3
/LE8
KS-0
KS-1
KS-2
KS-3
KR0
KR1
KR2
KR3
AFG
RFG
GND
VFO-A
MULTI
SQL/RF GAIN
AF GAIN
FAST LOCK
A-RX
A-TX
B-RX
B-TX
M-RX
M-TX
MA-A
MA-B
MA-UD
MA-CK

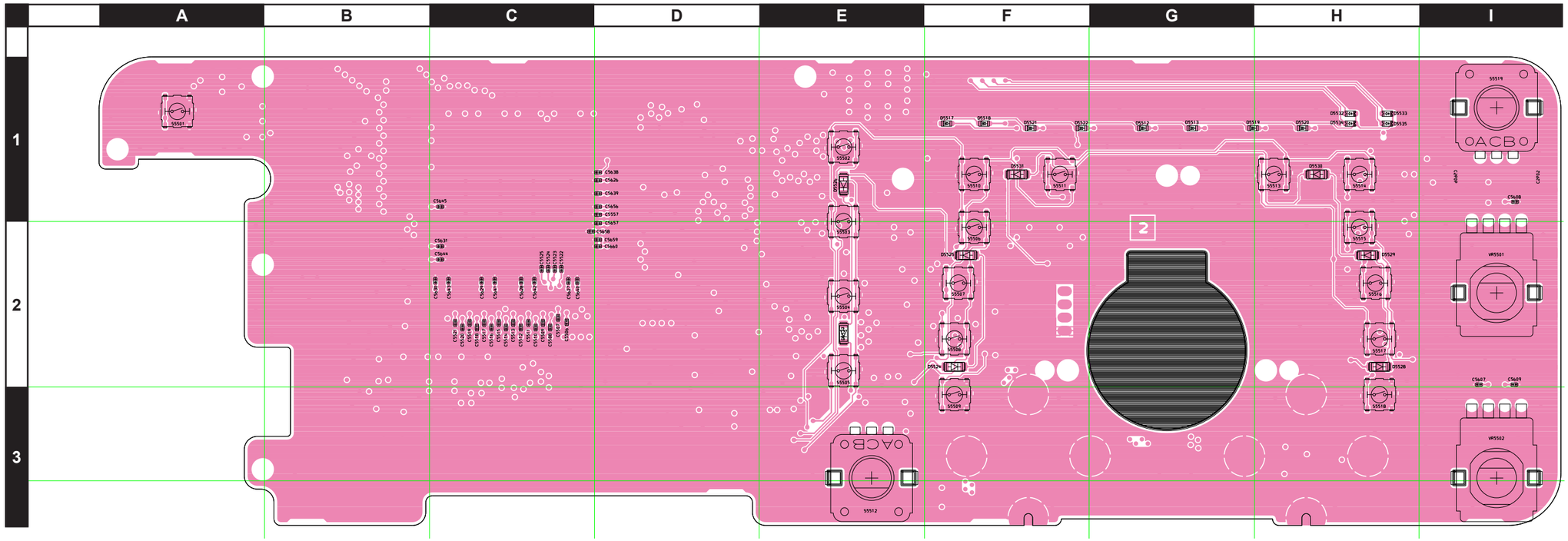


side A

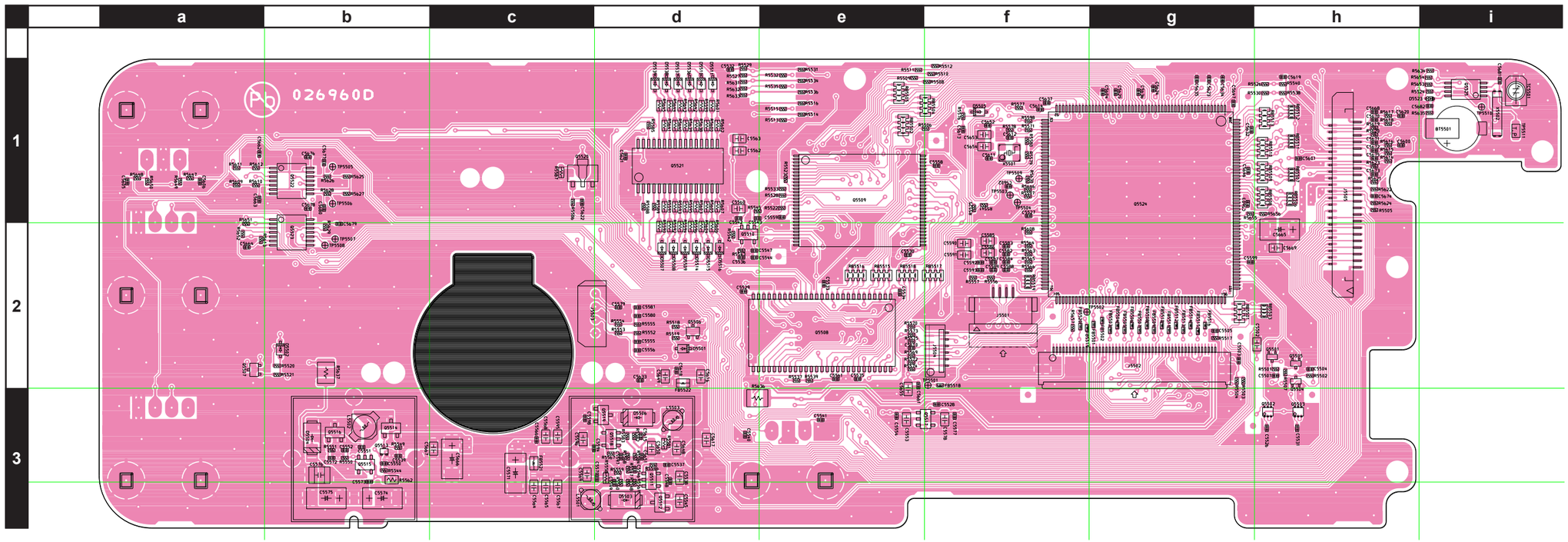


side B


PANEL-UNIT (5501-5999)
TOUCH PANEL
LCD PANEL
TO CNTL-UNIT (J5***)
POWER
F
STO
A=B
A/B
FAST
LOCK
CLAR
VFO-B/CLAR
DISP
TUNE
BAND
C.S
MODE
TXW
MULTI
VFO-A
SQL/RF GAIN
AF GAIN
V/M
A>M
SPLIT



side A



side B

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CS2348601				
BT5501	LITHIUM BATT.				ML614R-TT31	Q9000895		1-	B	i1
C 5501	CHIP CAP.	0.0047uF	50V	B	GRM155B11H472KA01D	K22178838		1-	B	h2
C 5502	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	h2
C 5503	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	g2
C 5504	CHIP CAP.	0.0047uF	50V	B	GRM155B11H472KA01D	K22178838		1-	B	h2
C 5505	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	g2
C 5506	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5507	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5508	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5509	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5510	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5511	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5512	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5513	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5514	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5515	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5516	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5517	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5518	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5519	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5520	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5521	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5522	CHIP CAP.	4pF	50V	CH	GRM1552C1H4R0CA01D	K22178206		1-	A	C2
C 5523	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5524	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5525	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	C2
C 5526	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	h3
C 5527	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	f1
C 5528	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	f3
C 5529	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d2
C 5530	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	e2
C 5531	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	h3
C 5532	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d1
C 5533	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	e2
C 5534	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	e2
C 5535	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	e2
C 5536	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d2
C 5537	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d3
C 5538	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	d3
C 5539	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b3
C 5542	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d1
C 5543	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	d1
C 5544	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d2
C 5545	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	d3
C 5546	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d3
C 5547	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d2
C 5548	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d3
C 5549	CHIP CAP.	33pF	50V	CH	GRM1552C1H330JA01D	K22178224		1-	B	d3
C 5550	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	b3
C 5551	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b3
C 5552	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	b3
C 5553	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	e3
C 5554	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	e3
C 5555	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	d2
C 5557	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	D1
C 5558	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	f1
C 5559	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	e1
C 5560	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	d1
C 5561	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	e2
C 5562	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	d1
C 5563	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	d1
C 5564	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	c3
C 5565	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	c3
C 5566	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	c3
C 5567	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	c3
C 5568	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	c3
C 5569	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	c3
C 5570	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d3
C 5572	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	b3
C 5573	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b3
C 5574	CHIP TA.CAP.	4.7uF	35V		TMCMC1V475MTRF	K78160036		1-	B	b3
C 5575	CHIP TA.CAP.	4.7uF	35V		TMCMC1V475MTRF	K78160036		1-	B	b3
C 5577	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	f3
C 5578	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	f3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 5579	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d2
C 5580	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	d2
C 5582	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	f2
C 5583	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	f2
C 5585	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	f2
C 5586	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	f2
C 5587	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	f2
C 5589	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	f2
C 5590	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	f2
C 5591	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	f2
C 5592	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	f2
C 5593	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	f2
C 5594	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	c3
C 5595	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	c3
C 5596	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	c3
C 5597	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d3
C 5598	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	c3
C 5599	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	g2
C 5600	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	h1
C 5601	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	h1
C 5602	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	f1
C 5603	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	g1
C 5604	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	g1
C 5607	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	l2
C 5610	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	e2
C 5611	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	B	f1
C 5612	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	B	f1
C 5613	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	f1
C 5614	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	f1
C 5615	CHIP CAP.	82pF	50V	CH	GRM1552C1H820JA01D	K22178234		1-	B	d3
C 5616	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	d2
C 5617	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	d3
C 5618	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d2
C 5619	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	h1
C 5620	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	h1
C 5621	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d1
C 5623	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	g1
C 5624	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	g1
C 5625	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	g1
C 5626	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	D1
C 5627	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 5628	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 5629	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 5630	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 5631	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 5632	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	g1
C 5633	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d2
C 5634	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	g1
C 5635	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	g1
C 5636	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	g1
C 5637	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	f1
C 5638	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	D1
C 5639	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	D1
C 5640	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 5641	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 5642	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 5643	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 5644	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 5645	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C1
C 5646	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	g1
C 5647	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	g1
C 5648	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	d3
C 5649	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	d2
C 5650	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	d3
C 5651	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d3
C 5652	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	f1
C 5653	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	f1
C 5654	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	f1
C 5655	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	e2
C 5656	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	D1
C 5657	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	D2
C 5658	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 5659	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	D2
C 5660	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	D2
C 5661	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	e2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 5662	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a1
C 5663	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a1
C 5664	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a2
C 5665	CHIP TA.CAP.	100uF	10V		TMCMC1A107MTRF	K78100075		1-	B	h2
C 5667	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	c3
C 5668	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	B	h1
C 5669	CHIP CAP.	10uF	10V	B	GRM21BB31A106KE18L	K22100808		1-	B	h2
C 5670	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	B	h1
C 5671	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	h1
C 5672	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	h1
C 5673	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	h1
C 5674	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	h1
C 5675	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	h1
C 5676	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b1
C 5677	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b1
C 5678	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b1
C 5679	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b1
C 5680	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b1
C 5681	CHIP CAP.	6pF	50V	CH	GRM1552C1H6R0DA01D	K22178208		1-	B	i1
C 5682	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	i1
D 5501	DIODE				BAS316	G2070716		1-	B	d2
D 5502	DIODE				BAS316	G2070716		1-	B	b2
D 5503	DIODE				RB060L-40 TE25	G2070744		1-	B	d3
D 5504	DIODE				RB060L-40 TE25	G2070744		1-	B	b3
D 5505	DIODE				1SS357(TPH3.F)	G2070346		1-	B	f1
D 5506	DIODE				RB060L-40 TE25	G2070744		1-	B	d3
D 5507	DIODE				BAS316	G2070716		1-	B	d2
D 5508	DIODE				BAS316	G2070716		1-	B	d2
D 5509	DIODE				BAS316	G2070716		1-	B	d2
D 5510	DIODE				BAS316	G2070716		1-	B	d1
D 5511	DIODE				BAS316	G2070716		1-	B	d1
D 5512	LED				19-217/GHC-YR1S2/3T	G2071438		1-	A	G1
D 5513	LED				19-217/R6C-P1Q2/3T	G2071440		1-	A	G1
D 5514	DIODE				BAS316	G2070716		1-	B	d2
D 5515	DIODE				BAS316	G2070716		1-	B	d2
D 5516	DIODE				BAS316	G2070716		1-	B	d2
D 5517	LED				19-217/GHC-YR1S2/3T	G2071438		1-	A	F1
D 5518	LED				19-217/R6C-P1Q2/3T	G2071440		1-	A	F1
D 5519	LED				19-217/GHC-YR1S2/3T	G2071438		1-	A	G1
D 5520	LED				19-217/R6C-P1Q2/3T	G2071440		1-	A	H1
D 5521	LED				19-217/GHC-YR1S2/3T	G2071438		1-	A	F1
D 5522	LED				19-217/R6C-P1Q2/3T	G2071440		1-	A	F1
D 5523	DIODE				RB751G-40T2R	G2071066		1-	B	i1
D 5524	LED				EWT806	G2071404		1-	A	F2
D 5525	LED				EWT806	G2071404		1-	A	F2
D 5526	LED				EWT806	G2071404		1-	A	E1
D 5527	LED				EWT806	G2071404		1-	A	E2
D 5528	LED				EWT806	G2071404		1-	A	H2
D 5529	LED				EWT806	G2071404		1-	A	H2
D 5530	LED				EWT806	G2071404		1-	A	H1
D 5531	LED				EWT806	G2071404		1-	A	F1
D 5534	LED				HT-193TW5	G2071390		1-	A	H1
D 5535	LED				HT-193TW5	G2071390		1-	A	H1
D 5536	DIODE				BAS316	G2070716		1-	B	d1
D 5538	DIODE				BAS316	G2070716		1-	B	d1
FB5501	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	g2
FB5502	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	g2
FB5503	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	g2
FB5504	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	g2
FB5505	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	g2
FB5506	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	g2
FB5507	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	g2
FB5508	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	g2
FB5509	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	g2
FB5510	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	g2
FB5511	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	g2
FB5512	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	g2
FB5513	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	g2
FB5514	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	g2
FB5515	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	g2
FB5516	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	g2
FB5517	CHIP RES.	22	1/16W	5%	RMC1/16S 220JTH	J24189005		1		
FB5518	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	f2
FB5519	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	f2
FB5520	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	f2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
FB5521	FERRITE BEADS				BK2125HS601-T	L9190085		1-	B	c3
FB5522	FERRITE BEADS				BK2125HS601-T	L9190085		1-	B	d2
J 5501	CONNECTOR				9617S-04	P1091433		1-	B	f2
J 5502	CONNECTOR				9637S-50A	P1091434		1-	B	g2
J 5503	CONNECTOR				SB20-04WS	P0090611		1-	B	d2
J 5504	CONNECTOR				12FLT-SM2-TB(LF)(SN)	P1091198		1-	B	f2
J 5505	CONNECTOR				IMSA-9639S-45	P1091340		1-	B	h1
JP5501	WIRE ASSY				GRN 20 (2)/(2)	T57502002		1		
JP5502	WIRE ASSY				GRN 20 (2)/(2)	T57502002		1		
L 5501	M.RFC	4.7uH			7E03LA-4R7N-RB	L1691583		1-	B	c3
L 5502	CHIP COIL	22uH		20%	CDRH3D23HPNP-220MC	L1691733		1-	B	b3
L 5503	M.RFC	4.7uH			7E03LA-4R7N-RB	L1691583		1-	B	d3
Q 5501	TRANSISTOR				DTC143ZE TL	G3070102		1-	B	h2
Q 5502	TRANSISTOR				EMD30(T2R)	G3070427		1-	B	h3
Q 5503	TRANSISTOR				EMD30(T2R)	G3070427		1-	B	h3
Q 5504	TRANSISTOR				DTC143ZE TL	G3070102		1-	B	h2
Q 5505	TRANSISTOR				DTC144EE TL	G3070075		1-	B	h2
Q 5506	TRANSISTOR				2SA1576A T106 R	G3115768R		1-	B	d2
Q 5507	TRANSISTOR				2SA1576A T106 R	G3115768R		1-	B	a2
Q 5508	IC				MT48LC16M16A2P-6A IT:G	G1095060		1-	B	e2
Q 5509	IC				S29GL512S10TFI010	G1094991		1-	B	e1
Q 5510	IC				XC6118N44BMR-G	G1094972		1-	B	d2
Q 5511	IC				XC9221D09AMR	G1094819		1-	B	d3
Q 5512	FET				RQJ0303PGDQA	G3070449		1-	B	d3
Q 5513	FET				2SK3541 T2L	G3835417		1-	B	b3
Q 5514	FET				RQJ0303PGDQA	G3070449		1-	B	b3
Q 5515	IC				XC9103D093MR-G	G1094967		1-	B	b3
Q 5516	FET				RTR025N05TL	G3070436		1-	B	b3
Q 5517	IC				XC6221B332MR-G	G1094968		1-	B	f3
Q 5518	IC				XC9221D09AMR	G1094819		1-	B	d3
Q 5519	FET				RQJ0303PGDQA	G3070449		1-	B	d3
Q 5520	TRANSISTOR				2SD1664 T100 Q	G3416647Q		1-	B	c1
Q 5521	IC				BU2152FS(TAPE)	G1093942		1-	B	d1
Q 5522	IC				CD4093BPWR	G1094093		1-	B	b1
Q 5524	IC				R5S72640W144FPU	G1094961		1-	B	g1
Q 5525	IC				S-35190A-T8T1G	G1094356		1-	B	i1
R 5501	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	h2
R 5502	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	h2
R 5503	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	g2
R 5504	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	g2
R 5505	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	h1
R 5506	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	f1
R 5507	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	h2
R 5508	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	f1
R 5509	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	e1
R 5510	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	f1
R 5511	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	e1
R 5512	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	f1
R 5513	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	e1
R 5514	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	e1
R 5515	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	e1
R 5516	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	e1
R 5517	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	g2
R 5518	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	d2
R 5519	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	B	d2
R 5520	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	b2
R 5521	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	B	b2
R 5522	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	e1
R 5523	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	e1
R 5524	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	i1
R 5525	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	f1
R 5526	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	h1
R 5527	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	d1
R 5528	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	e1
R 5529	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	d1
R 5530	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	h1
R 5531	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	e1
R 5532	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	e1
R 5533	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	e1
R 5534	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	e1
R 5535	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	e1
R 5536	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	e1
R 5537	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	e2
R 5538	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	h1
R 5539	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	e2

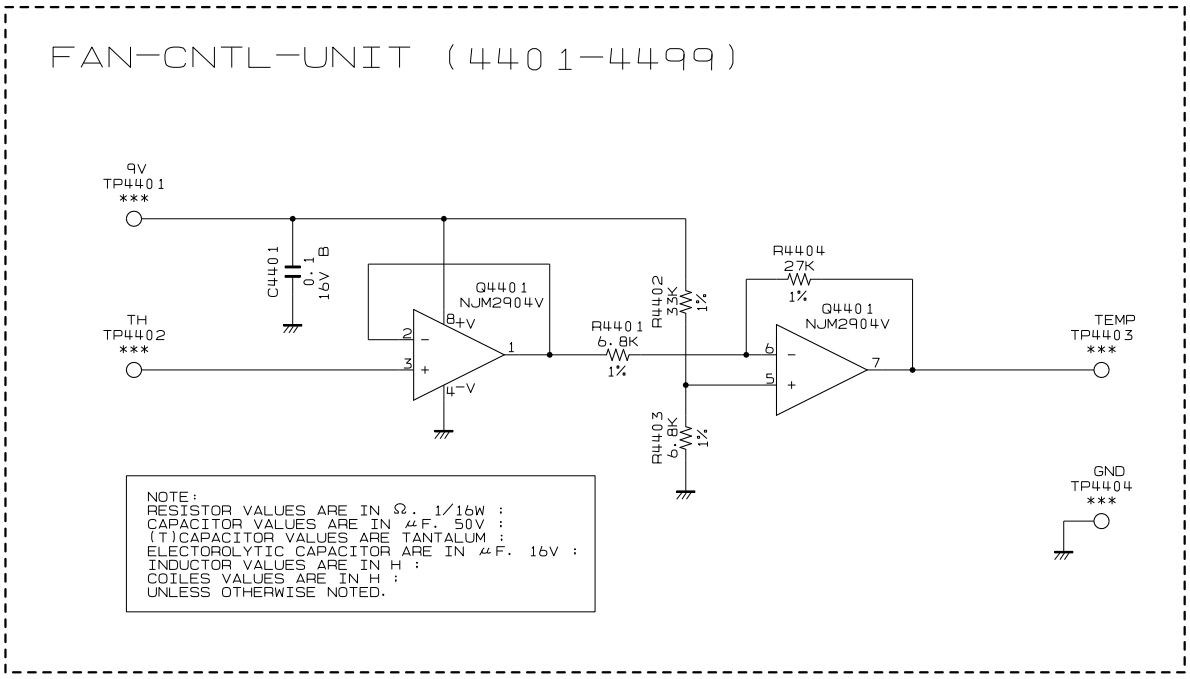
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 5540	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	h1
R 5541	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	f1
R 5542	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	d2
R 5543	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	B	d2
R 5544	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	b3
R 5545	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	d1
R 5546	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	d3
R 5548	CHIP RES.	150k	1/16W	1%	RMC1/16SK154FTH	J24189531		1-	B	d3
R 5549	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	b3
R 5550	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	b3
R 5552	CHIP RES.	15k	1/16W	5%	RMC1/16S 153JTH	J24189039		1-	B	d2
R 5553	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	d2
R 5554	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	d2
R 5555	CHIP RES.	15k	1/16W	5%	RMC1/16S 153JTH	J24189039		1-	B	d2
R 5556	CHIP RES.	22	1/16W	5%	RMC1/16S 220JTH	J24189005		1-	B	f2
R 5557	CHIP RES.	22	1/16W	5%	RMC1/16S 220JTH	J24189005		1-	B	f2
R 5558	CHIP RES.	0.05	1/4W	5%	RCC16R050JTP	J24249005		1-	B	d3
R 5559	CHIP RES.	100k	1/16W	1%	RMC1/16SK104FTH	J24189529		1-	B	d3
R 5560	CHIP RES.	100k	1/16W	1%	RMC1/16SK104FTH	J24189529		1-	B	d3
R 5561	CHIP RES.	150k	1/16W	1%	RMC1/16SK154FTH	J24189531		1-	B	d3
R 5562	CHIP RES.	22	1/10W	5%	RMC1/10T 220J	J24205220		1-	B	b3
R 5563	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	f2
R 5564	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	f2
R 5565	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	f2
R 5566	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	f2
R 5567	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	d3
R 5569	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	e2
R 5570	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	e2
R 5571	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	f1
R 5572	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	e2
R 5573	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	e2
R 5574	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	e2
R 5575	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	e2
R 5576	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	f1
R 5577	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	f1
R 5579	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	f1
R 5581	CHIP RES.	0.1	1/4W	5%	RCC16R100JTP	J24249006		1-	B	d3
R 5582	CHIP RES.	100k	1/16W	1%	RMC1/16SK104FTH	J24189529		1-	B	d3
R 5583	CHIP RES.	150k	1/16W	1%	RMC1/16SK154FTH	J24189531		1-	B	d3
R 5584	CHIP RES.	150k	1/16W	1%	RMC1/16SK154FTH	J24189531		1-	B	d3
R 5585	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	B	d1
R 5586	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	c1
R 5588	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	d1
R 5589	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	d1
R 5590	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	B	d2
R 5591	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	B	d1
R 5592	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	B	d2
R 5593	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	d1
R 5594	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	B	d2
R 5595	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	B	d1
R 5596	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	B	d2
R 5597	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	f1
R 5598	CHIP RES.	22	1/16W	5%	RMC1/16S 220JTH	J24189005		1-	B	f1
R 5599	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	d1
R 5600	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	B	d1
R 5601	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	B	d1
R 5602	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	B	d1
R 5603	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	d1
R 5604	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	B	d2
R 5605	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	B	d1
R 5606	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	B	d2
R 5607	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	d1
R 5608	CHIP RES.	5.6k	1/16W	5%	RMC1/16S 562JTH	J24189034		1-	B	f2
R 5609	CHIP RES.	3.3k	1/16W	5%	RMC1/16S 332JTH	J24189031		1-	B	a1
R 5610	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a1
R 5611	CHIP RES.	3.3k	1/16W	5%	RMC1/16S 332JTH	J24189031		1-	B	a1
R 5612	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a1
R 5613	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	B	a2
R 5614	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	h1
R 5615	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	h1
R 5616	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	h1
R 5617	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	h1
R 5618	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	h1
R 5619	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	h1
R 5620	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	h1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 5621	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	h1
R 5622	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	h1
R 5623	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	h1
R 5624	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	h1
R 5625	CHIP RES.	3.3k	1/16W	5%	RMC1/16S 332JTH	J24189031		1-	B	b1
R 5626	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b1
R 5627	CHIP RES.	3.3k	1/16W	5%	RMC1/16S 332JTH	J24189031		1-	B	b1
R 5628	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b1
R 5629	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	B	b2
R 5630	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	f1
R 5631	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	d1
R 5632	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	d1
R 5633	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	d1
R 5634	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	i1
R 5635	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	i1
R 5636	CHIP RES.	1k	1/4W	5%	RMC1/4 102JATP	J24245102		1-	B	d3
R 5637	CHIP RES.	1k	1/4W	5%	RMC1/4 102JATP	J24245102		1-	B	b2
R 5638	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	B	d1
R 5640	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	B	d1
R 5642	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	d1
R 5644	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	d1
R 5647	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a1
R 5648	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a1
R 5649	CHIP RES.	3.3k	1/16W	5%	RMC1/16S 332JTH	J24189031		1-	B	a1
R 5650	CHIP RES.	3.3k	1/16W	5%	RMC1/16S 332JTH	J24189031		1-	B	a1
R 5651	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	a1
R 5652	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	a2
R 5653	CARBON FILM RES.	10k	1/6W	5%	RD16PJ103 10K	J01225103		1	B	i1
R 5653	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		2-	B	i1
R 5654	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1	B	i1
R 5654	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		2-	B	i1
R 5655	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		2-	B	g1
R 5657	CHIP RES.	22	1/16W	5%	RMC1/16S 220JTH	J24189005		2-	B	f2
RB5501	BLOCK RES.				MNR14E0ABJ330	J42900036		1-	B	g2
RB5502	BLOCK RES.				MNR14E0ABJ330	J42900036		1-	B	e1
RB5503	BLOCK RES.				RAC104D104JCTH	J42900055		1-	B	h2
RB5504	BLOCK RES.				MNR14E0ABJ330	J42900036		1-	B	f1
RB5505	BLOCK RES.				MNR14E0ABJ330	J42900036		1-	B	e1
RB5506	BLOCK RES.				RAC104D104JCTH	J42900055		1-	B	h1
RB5507	BLOCK RES.				RAC104D104JCTH	J42900055		1-	B	h1
RB5508	BLOCK RES.				MNR14E0ABJ330	J42900036		1-	B	h1
RB5509	BLOCK RES.				MNR14E0ABJ330	J42900036		1-	B	h1
RB5510	BLOCK RES.				MNR14E0ABJ330	J42900036		1-	B	h1
RB5511	BLOCK RES.				RAC104D104JCTH	J42900055		1-	B	h1
RB5512	BLOCK RES.				RAC104D104JCTH	J42900055		1-	B	h1
RB5513	BLOCK RES.				MNR14E0ABJ330	J42900036		1-	B	h1
RB5515	BLOCK RES.				MNR14E0ABJ330	J42900036		1-	B	e2
RB5516	BLOCK RES.				MNR14E0ABJ330	J42900036		1-	B	e2
RB5517	BLOCK RES.				MNR14E0ABJ330	J42900036		1-	B	f2
RB5518	BLOCK RES.				MNR14E0ABJ330	J42900036		1-	B	e2
RB5519	BLOCK RES.				RAC104D104JCTH	J42900055		1-	B	f2
S 5501	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	A1
S 5502	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	E1
S 5503	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	E1
S 5504	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	E2
S 5505	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	E2
S 5506	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	F2
S 5507	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	F2
S 5508	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	F2
S 5509	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	F3
S 5510	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	F1
S 5511	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	F1
S 5512	ROTARY ENCODER				EC12E2420801	Q9000758		1-	A	E3
S 5513	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	H1
S 5514	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	H1
S 5515	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	H2
S 5516	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	H2
S 5517	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	H2
S 5518	TACTILE SWITCH				EVQPLHA15	N5090174		1-	A	H3
S 5519	ROTARY ENCODER				EC12E2470802	Q9000996		1-	A	I1
TC5501	TRIMMER CAP.	10pF			TZC3R100A110R00	K91000282		1-	B	i1
TP5511	CHECK TERMINAL				RCTCTE	Q5000103		1-	B	i1
VR5501	POT.				RK11K1140A23 10KB	J60800322		1-	A	I2
VR5502	POT.				RK11K1140A23 10KB	J60800322		1-	A	I3
X 5501	XTAL DSX321G	17.91MHz			DSX321G 17.91MHZ	H0103460		1-	B	f1

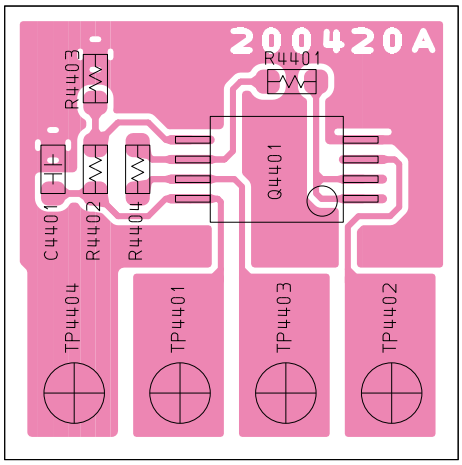
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
X 5502	XTAL SSP-T7-F	32.768kHz			32.768KHZ	H0103327		1-	B	i1

FAN-CNTL Unit (Lot. 1 - 2)

Circuit Diagram

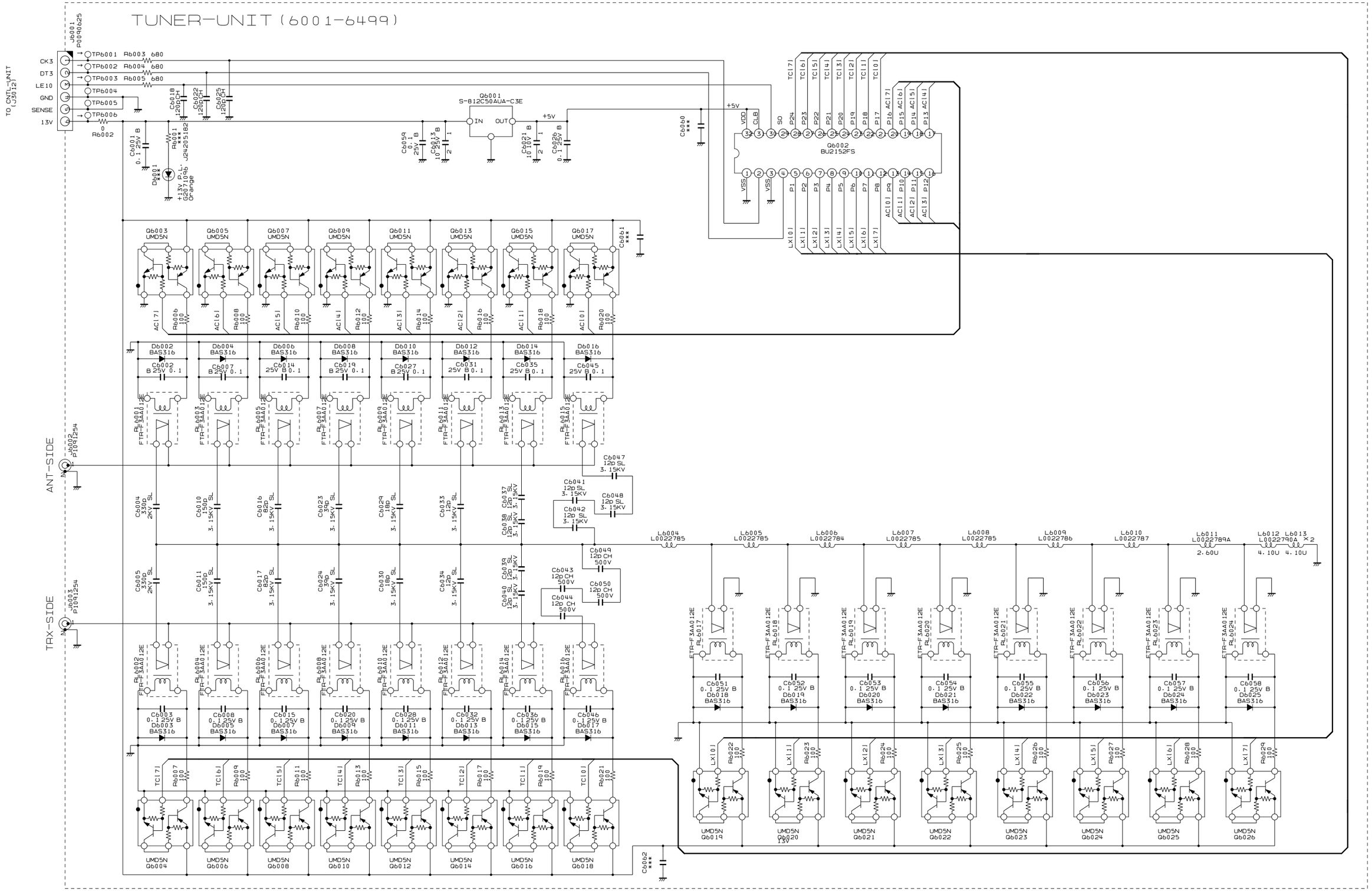


Parts Layout



Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 4401	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-2		
Q 4401	IC				NJM2904V-TE1	G1091677		1-2		
R 4401	CHIP RES.	6.8k	1/16W	1%	RMC1/16 682FTP	J24183682		1-2		
R 4402	CHIP RES.	33k	1/16W	1%	RMC1/16 333FTP	J24183333		1-2		
R 4403	CHIP RES.	6.8k	1/16W	1%	RMC1/16 682FTP	J24183682		1-2		
R 4404	CHIP RES.	27k	1/16W	1%	RMC1/16 273FTP	J24183273		1-2		


TUNER-UNIT (6001-6499)
TO CNTL-UNIT (J3012)
CK3
DT3
LE10
GND
SENSE
13V
J6001 P0090625
TP6001 R6003 680
TP6002 R6004 680
TP6003 R6005 680
TP6004
TP6005
TP6006
R6002
Q6001 S-812C50AUA-C3E
IN
OUT
+5V
Q6002 BU2152FS
VDD
CLB
SO
VSS
Q6003 UMD5N
Q6005 UMD5N
Q6007 UMD5N
Q6009 UMD5N
Q6011 UMD5N
Q6013 UMD5N
Q6015 UMD5N
Q6017 UMD5N
D6002 BAS316
D6004 BAS316
D6006 BAS316
D6008 BAS316
D6010 BAS316
D6012 BAS316
D6014 BAS316
D6016 BAS316
ANT-SIDE
TRX-SIDE
J6002 P1091254
J6003 P1091254
L6004 L0022785
L6005 L0022785
L6006 L0022784
L6007 L0022785
L6008 L0022785
L6009 L0022786
L6010 L0022787
L6011 L0022789A 2.60U
L6012 L0022790A 4.10U
L6013 L0022790A 4.10U
UMD5N Q6004
UMD5N Q6006
UMD5N Q6008
UMD5N Q6010
UMD5N Q6012
UMD5N Q6014
UMD5N Q6016
UMD5N Q6018
UMD5N Q6019
UMD5N Q6020 13V
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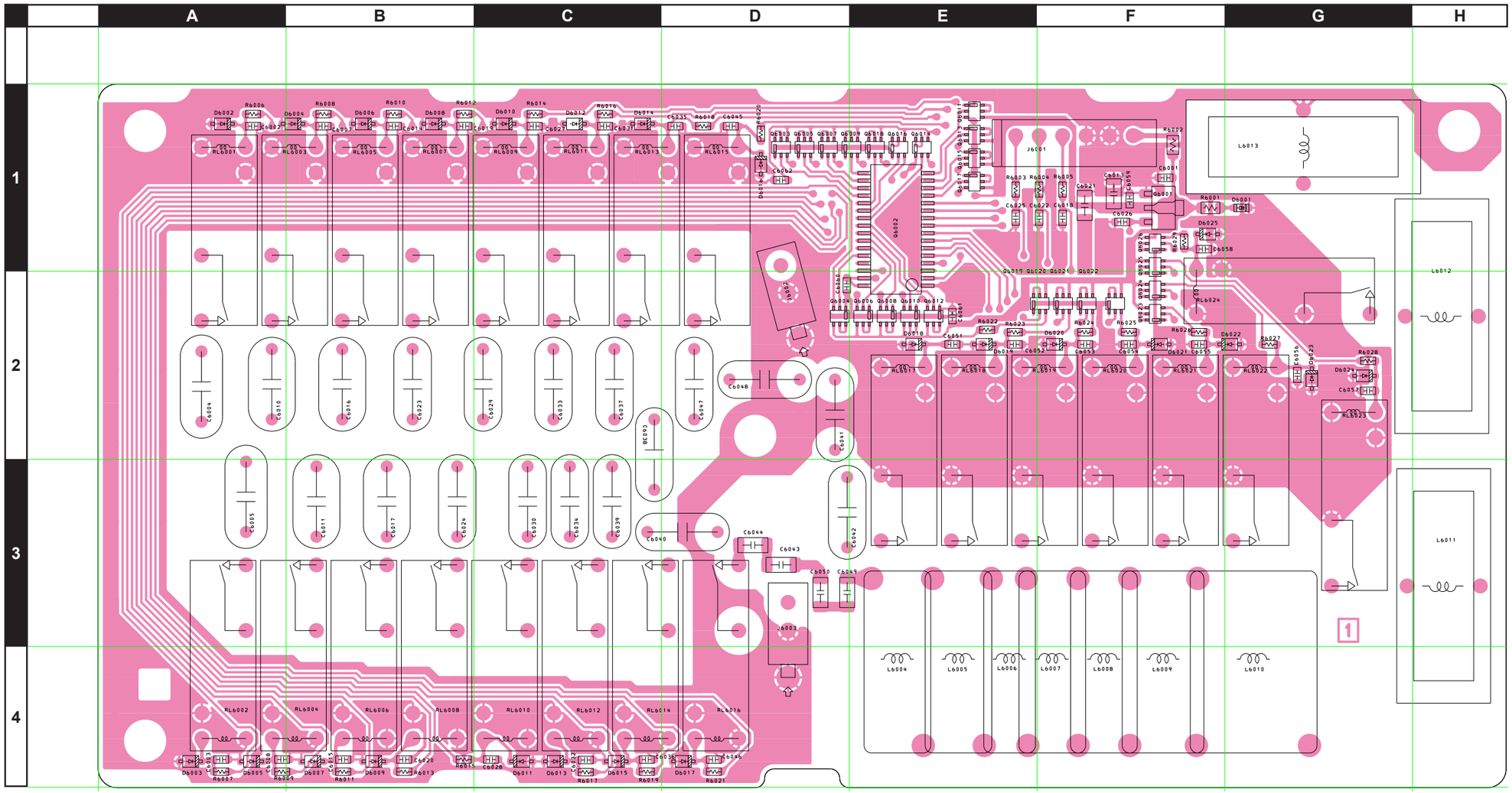
UMD5N Q6026


A
B
C
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G
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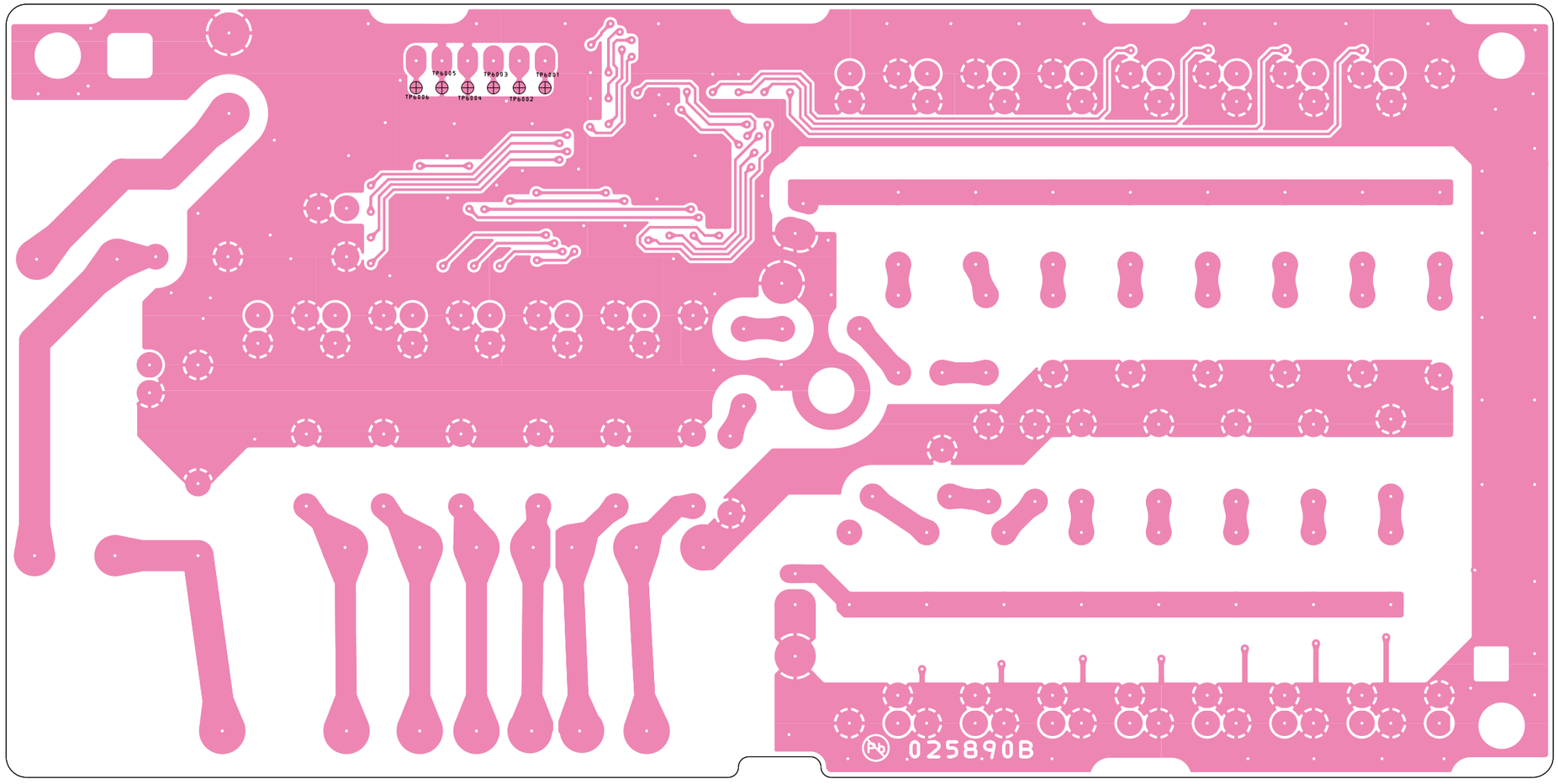
4

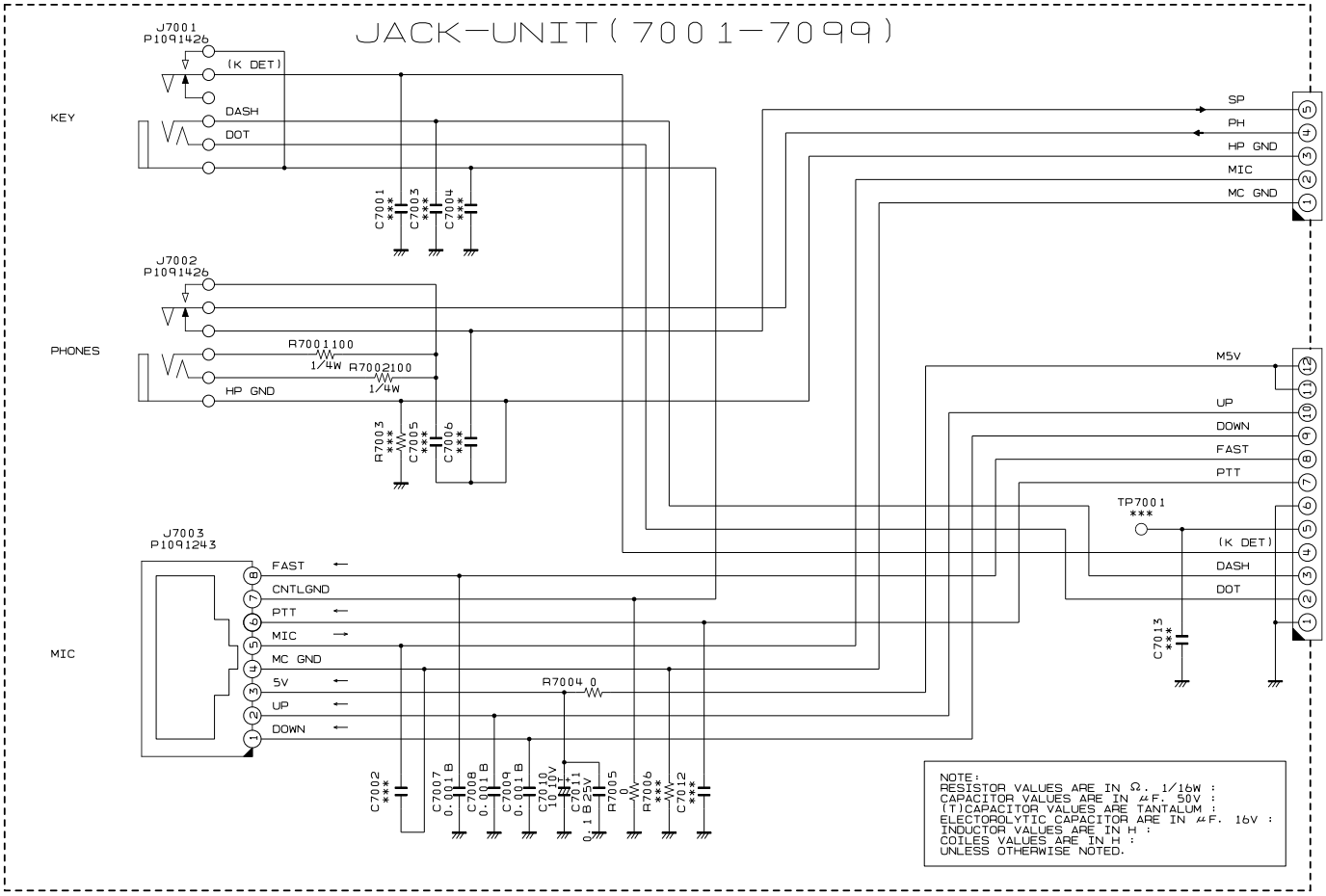

TP6005
TP6003
TP6001
TP6006
TP6004
TP6002
025890B

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CS2345701				
C 6001	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F1
C 6002	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A1
C 6003	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A4
C 6004	CERAMIC CAP.	330pF	3KV	SL	CC45SL3FD331JYNNA	K00359031		1-	A	A2
C 6005	CERAMIC CAP.	330pF	3KV	SL	CC45SL3FD331JYNNA	K00359031		1-	A	A3
C 6007	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B1
C 6008	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	A4
C 6010	CERAMIC CAP.	150pF	3KV	SL	CC45SL3FD151JYNNA	K00359035		1-	A	A2
C 6011	CERAMIC CAP.	150pF	3KV	SL	CC45SL3FD151JYNNA	K00359035		1-	A	B3
C 6013	CHIP CAP.	10uF	25V	B	GRM31CB31E106KA75L	K22141815		1-	A	F1
C 6014	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B1
C 6015	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B4
C 6016	CERAMIC CAP.	82pF	3KV	SL	CC45SL3FD820JYNNA	K00359034		1-	A	B2
C 6017	CERAMIC CAP.	82pF	3KV	SL	CC45SL3FD820JYNNA	K00359034		1-	A	B3
C 6018	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	F1
C 6019	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B1
C 6020	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	B4
C 6021	CHIP CAP.	10uF	10V	B	GRM31CB11A106KA01L	K22101803		1-	A	F1
C 6022	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	F1
C 6023	CERAMIC CAP.	39pF	3.15KV	SL	DEA1X3F390JC3B	K00539004		1-	A	B2
C 6024	CERAMIC CAP.	39pF	3.15KV	SL	DEA1X3F390JC3B	K00539004		1-	A	B3
C 6025	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	E1
C 6026	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F1
C 6027	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	C1
C 6028	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	C4
C 6029	CERAMIC CAP.	18pF	3.15KV	SL	DEA1X3F180JCDB	K00539002		1-	A	C2
C 6030	CERAMIC CAP.	18pF	3.15KV	SL	DEA1X3F180JCDB	K00539002		1-	A	C3
C 6031	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	C1
C 6032	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	C4
C 6033	CERAMIC CAP.	12pF	3.15KV	SL	DEA1X3F120JCDB	K00539001		1-	A	C2
C 6034	CERAMIC CAP.	12pF	3.15KV	SL	DEA1X3F120JCDB	K00539001		1-	A	C3
C 6035	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D1
C 6036	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	C4
C 6037	CERAMIC CAP.	12pF	3.15KV	SL	DEA1X3F120JCDB	K00539001		1-	A	C2
C 6038	CERAMIC CAP.	12pF	3.15KV	SL	DEA1X3F120JCDB	K00539001		1-	A	C3
C 6039	CERAMIC CAP.	12pF	3.15KV	SL	DEA1X3F120JCDB	K00539001		1-	A	C3
C 6040	CERAMIC CAP.	12pF	3.15KV	SL	DEA1X3F120JCDB	K00539001		1-	A	D3
C 6041	CERAMIC CAP.	12pF	3.15KV	SL	DEA1X3F120JCDB	K00539001		1-	A	D2
C 6042	CERAMIC CAP.	12pF	3.15KV	SL	DEA1X3F120JCDB	K00539001		1-	A	D3
C 6043	CHIP CAP.	12pF	500V	CH	CF316CH120J500AT	K22271256		1-	A	D3
C 6044	CHIP CAP.	12pF	500V	CH	CF316CH120J500AT	K22271256		1-	A	D3
C 6045	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D1
C 6046	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	D4
C 6047	CERAMIC CAP.	12pF	3.15KV	SL	DEA1X3F120JCDB	K00539001		1-	A	D2
C 6048	CERAMIC CAP.	12pF	3.15KV	SL	DEA1X3F120JCDB	K00539001		1-	A	D2
C 6049	CHIP CAP.	12pF	500V	CH	CF316CH120J500AT	K22271256		1-	A	D3
C 6050	CHIP CAP.	12pF	500V	CH	CF316CH120J500AT	K22271256		1-	A	D3
C 6051	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	E2
C 6052	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	E2
C 6053	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F2
C 6054	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F2
C 6055	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F2
C 6056	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	G2
C 6057	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	G2
C 6058	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F1
C 6059	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	F1
D 6002	DIODE				BAS316	G2070716		1-	A	A1
D 6003	DIODE				BAS316	G2070716		1-	A	A4
D 6004	DIODE				BAS316	G2070716		1-	A	B1
D 6005	DIODE				BAS316	G2070716		1-	A	A4
D 6006	DIODE				BAS316	G2070716		1-	A	B1
D 6007	DIODE				BAS316	G2070716		1-	A	B4
D 6008	DIODE				BAS316	G2070716		1-	A	B1
D 6009	DIODE				BAS316	G2070716		1-	A	B4
D 6010	DIODE				BAS316	G2070716		1-	A	C1
D 6011	DIODE				BAS316	G2070716		1-	A	C4
D 6012	DIODE				BAS316	G2070716		1-	A	C1
D 6013	DIODE				BAS316	G2070716		1-	A	C4
D 6014	DIODE				BAS316	G2070716		1-	A	C1
D 6015	DIODE				BAS316	G2070716		1-	A	C4
D 6016	DIODE				BAS316	G2070716		1-	A	D1
D 6017	DIODE				BAS316	G2070716		1-	A	D4
D 6018	DIODE				BAS316	G2070716		1-	A	E2
D 6019	DIODE				BAS316	G2070716		1-	A	E2

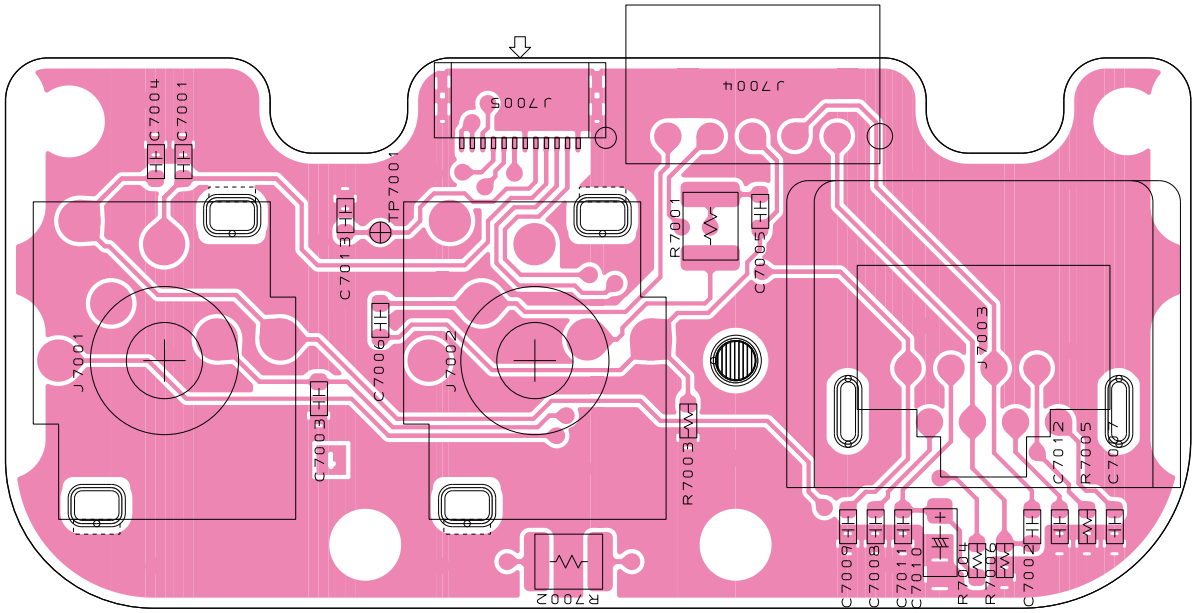
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
D 6020	DIODE				BAS316	G2070716		1-	A	F2
D 6021	DIODE				BAS316	G2070716		1-	A	F2
D 6022	DIODE				BAS316	G2070716		1-	A	G2
D 6023	DIODE				BAS316	G2070716		1-	A	G2
D 6024	DIODE				BAS316	G2070716		1-	A	G2
D 6025	DIODE				BAS316	G2070716		1-	A	F1
J 6001	CONNECTOR				SC25-06WS	P0090625		1-	A	E1
J 6002	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	D2
J 6003	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	D3
L 6004	COIL A1				2.5T16D1.6PEW R	L0022785		1-	A	E3
L 6005	COIL A1				2.5T16D1.6PEW R	L0022785		1-	A	E3
L 6006	COIL A1				1.5T16D1.6PEW R	L0022784		1-	A	E3
L 6007	COIL A1				2.5T16D1.6PEW R	L0022785		1-	A	E3
L 6008	COIL A1				2.5T16D1.6PEW R	L0022785		1-	A	F3
L 6009	COIL A1				3.5T16D1.6PEW R	L0022786		1-	A	F3
L 6010	COIL A1				6.5T16D1.6PEW R	L0022787		1-	A	F3
L 6011	TOROIDAL COIL	2.6uH			2.60U T80-6	L0022789A		1-	A	H3
L 6012	TOROIDAL COIL	4.1uH			4.10U T80-2	L0022790A		1-	A	H2
L 6013	TOROIDAL COIL	4.1uH			4.10U T80-2	L0022790A		1-	A	G1
Q 6001	IC				S-812C50AUA-C3E-T2G	G1093652		1-	A	F1
Q 6002	IC				BU2152FS(TAPE)	G1093942		1-	A	E1
Q 6003	TRANSISTOR				UMD5N TR	G3070343		1-	A	D1
Q 6004	TRANSISTOR				UMD5N TR	G3070343		1-	A	D2
Q 6005	TRANSISTOR				UMD5N TR	G3070343		1-	A	D1
Q 6006	TRANSISTOR				UMD5N TR	G3070343		1-	A	E2
Q 6007	TRANSISTOR				UMD5N TR	G3070343		1-	A	D1
Q 6008	TRANSISTOR				UMD5N TR	G3070343		1-	A	E2
Q 6009	TRANSISTOR				UMD5N TR	G3070343		1-	A	E1
Q 6010	TRANSISTOR				UMD5N TR	G3070343		1-	A	E2
Q 6011	TRANSISTOR				UMD5N TR	G3070343		1-	A	E1
Q 6012	TRANSISTOR				UMD5N TR	G3070343		1-	A	E2
Q 6013	TRANSISTOR				UMD5N TR	G3070343		1-	A	E1
Q 6014	TRANSISTOR				UMD5N TR	G3070343		1-	A	E1
Q 6015	TRANSISTOR				UMD5N TR	G3070343		1-	A	E1
Q 6016	TRANSISTOR				UMD5N TR	G3070343		1-	A	E1
Q 6017	TRANSISTOR				UMD5N TR	G3070343		1-	A	E1
Q 6018	TRANSISTOR				UMD5N TR	G3070343		1-	A	E1
Q 6019	TRANSISTOR				UMD5N TR	G3070343		1-	A	F2
Q 6020	TRANSISTOR				UMD5N TR	G3070343		1-	A	F2
Q 6021	TRANSISTOR				UMD5N TR	G3070343		1-	A	F2
Q 6022	TRANSISTOR				UMD5N TR	G3070343		1-	A	F2
Q 6023	TRANSISTOR				UMD5N TR	G3070343		1-	A	F2
Q 6024	TRANSISTOR				UMD5N TR	G3070343		1-	A	F2
Q 6025	TRANSISTOR				UMD5N TR	G3070343		1-	A	F1
Q 6026	TRANSISTOR				UMD5N TR	G3070343		1-	A	F1
R 6002	CHIP RES.	0	1/10W	5%	RMC1/10T 000J	J24205000		1-	A	F1
R 6003	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	A	E1
R 6004	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	A	F1
R 6005	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	A	F1
R 6006	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A1
R 6007	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A4
R 6008	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B1
R 6009	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A4
R 6010	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B1
R 6011	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B4
R 6012	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B1
R 6013	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B4
R 6014	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C1
R 6015	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B4
R 6016	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C1
R 6017	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C4
R 6018	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D1
R 6019	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C4
R 6020	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D1
R 6021	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D4
R 6022	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E2
R 6023	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E2
R 6024	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F2
R 6025	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F2
R 6026	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F2
R 6027	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G2
R 6028	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G2
R 6029	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F1
RL6001	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	A1
RL6002	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	A3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
RL6003	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	A1
RL6004	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	B3
RL6005	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	B1
RL6006	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	B3
RL6007	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	B1
RL6008	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	B3
RL6009	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	C1
RL6010	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	C3
RL6011	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	C1
RL6012	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	C3
RL6013	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	C1
RL6014	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	D3
RL6015	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	D1
RL6016	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	D3
RL6017	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	E3
RL6018	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	E3
RL6019	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	E3
RL6020	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	F3
RL6021	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	F3
RL6022	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	G3
RL6023	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	G3
RL6024	RELAY				FTR-F3AA012E-(F)	M1190224		1-	A	G2

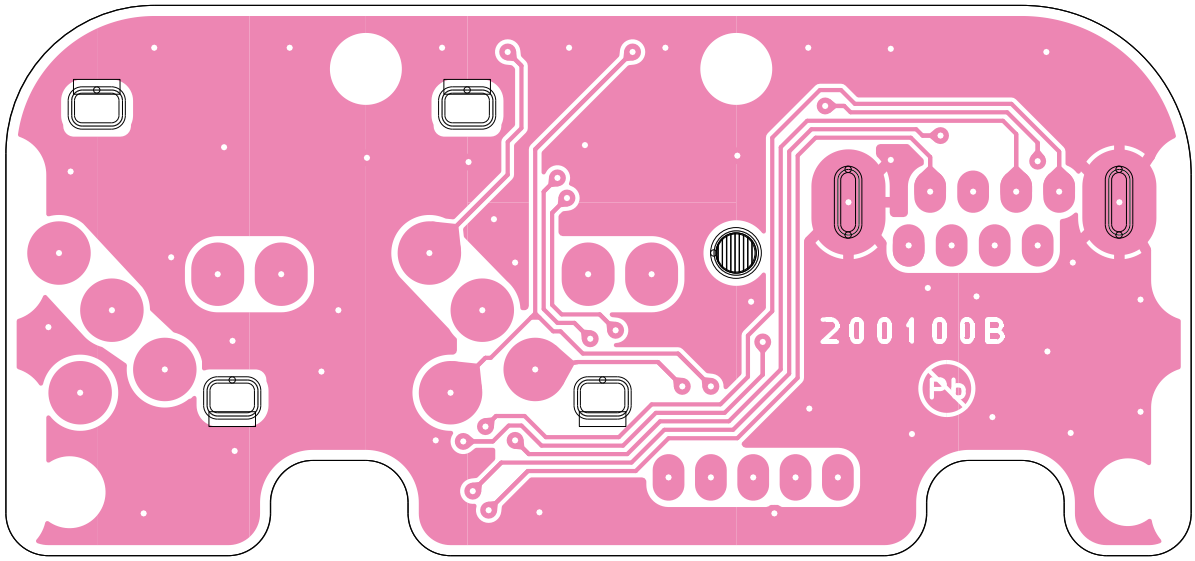
Circuit Diagram



Parts Layout



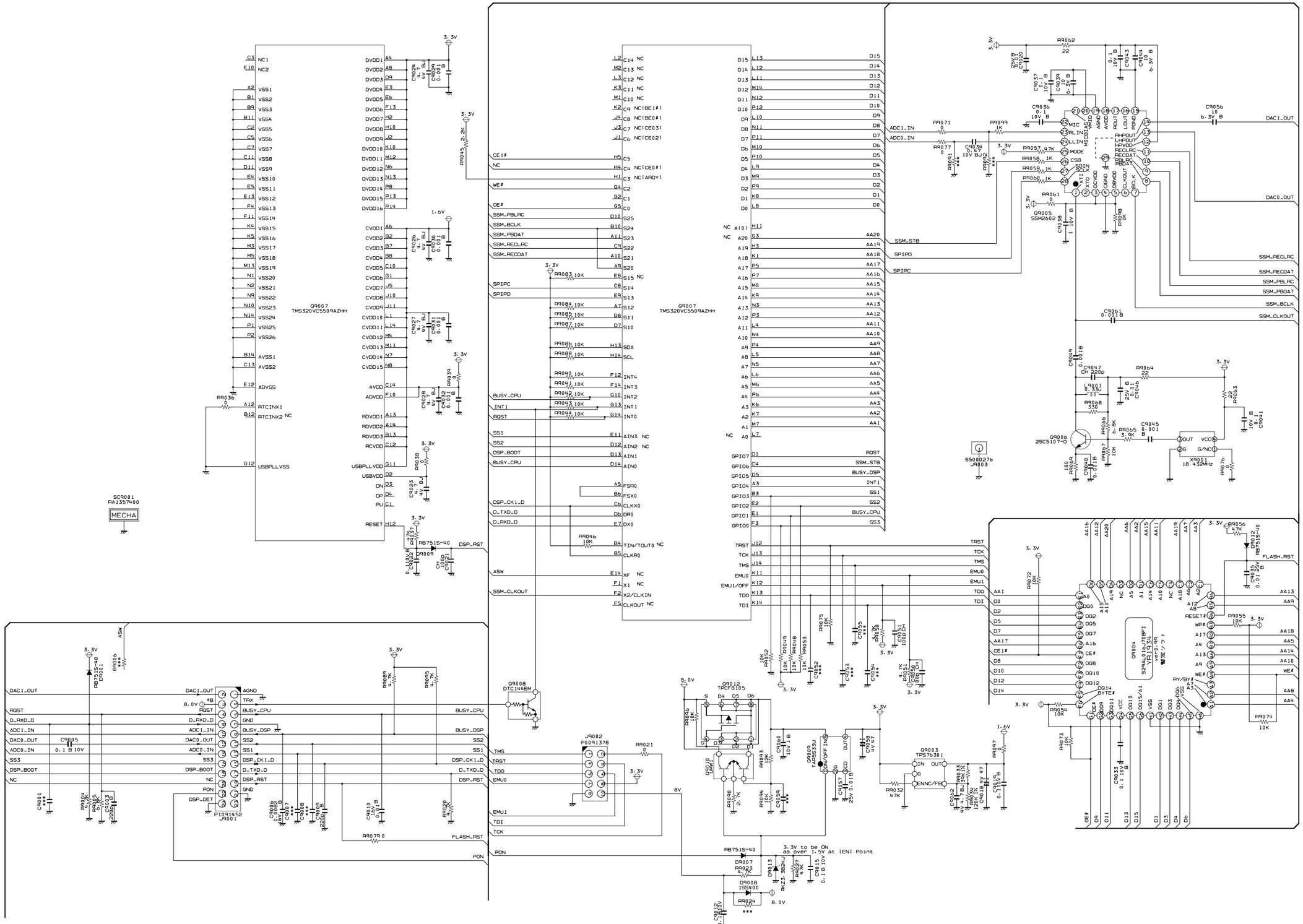
side A

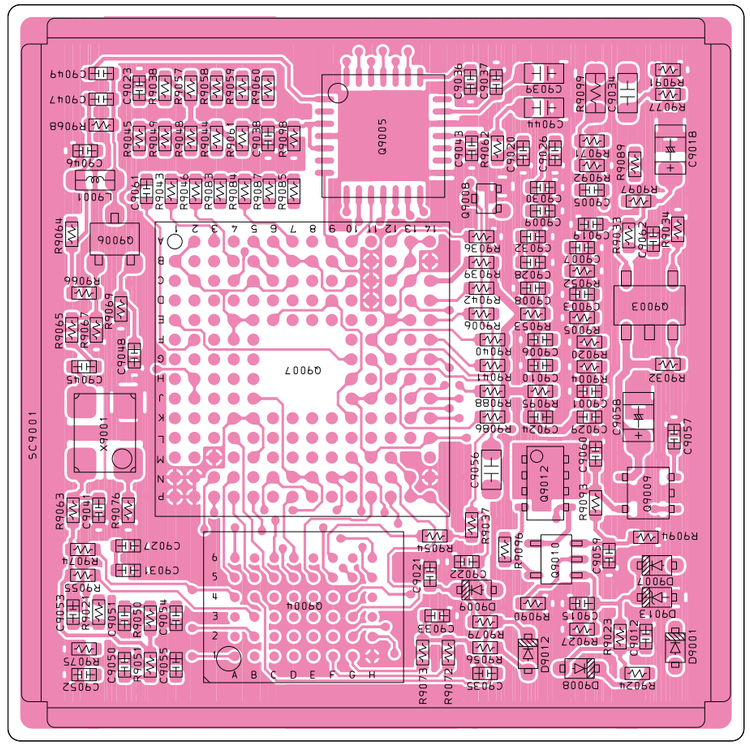


side B

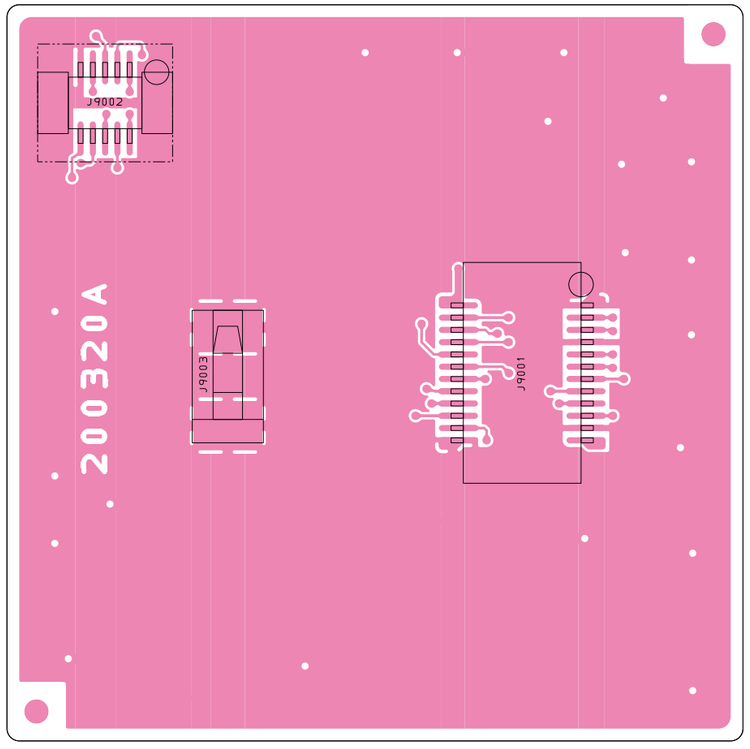
Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CD0024001				
C 7002	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	
C 7007	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	
C 7008	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	
C 7009	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	
C 7010	CHIP TA.CAP.	10uF	10V		TMCMA1A106MTRF	K78100028		1-	A	
C 7011	CHIP CAP.	0.1uF	25V	B	GRM188B11E104KA01D	K22144814		1-	A	
C 7012	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	
J 7001	CONNECTOR				LJE0369-6	P1091426		1-	A	
J 7002	CONNECTOR				LJE0369-6	P1091426		1-	A	
J 7003	CONNECTOR				R41-2509R	P1091243		1-	A	
J 7004	CONNECTOR				SB20-05WL	P0090844		1-	A	
J 7005	CONNECTOR				12FHJ-SM1-TB(LF)(SN)	P1091574		1-	A	
R 7001	CHIP RES.	100	1/4W	5%	RMC1/4 101JATP	J24245101		1-	A	
R 7002	CHIP RES.	100	1/4W	5%	RMC1/4 101JATP	J24245101		1-	A	
R 7004	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	
R 7005	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	


Q9007
TMS320VC5509AZHH
SC9001
RA1357400
MECHA
RB751S-40
DSP_RST
Q9008
DTC144EM
J9002
P0091378
P1091452
J9001
Q9012
TPCF8105
Q9009
TAR5S33U
Q9003
TPS76301
Q9004
S29AL016J70BFI
Q9006
2SC5107-O
X9001
18.432MHz
Q9005
SSM2604
S5000276
J9003
SSM_STB
SPIPD
SPIPC
SSM_RECLRC
SSM_RECDAT
SSM_PBLRC
SSM_PBDAT
SSM_BCLK
SSM_CLKOUT
DAC1_OUT
DAC0_OUT
ADC1_IN
ADC0_IN
FLASH_RST
BUSY_CPU
BUSY_DSP
D_TXD_D
D_RXD_D
RQST
PON
3.3V to be ON
as over 1.5V at [EN] Point



side A



side B

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CS2346501				
C 9003	CHIP CAP.	220pF	50V	B	GRM155B11H221KA01D	K22178801		1-	A	A2
C 9005	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2
C 9006	CHIP CAP.	0.0082uF	16V	B	GRM155B11C822KA01D	K22128801		1-	A	A1
C 9009	CHIP CAP.	220pF	50V	B	GRM155B11H221KA01D	K22178801		1-	A	B1
C 9010	CHIP CAP.	0.01uF	16V	B	GRM155B11C103JA01D	K22128814		1-	A	A1
C 9012	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A2
C 9015	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A2
C 9018	CHIP TA.CAP.	47uF	4V		TMCP0G476MTRF	K78060050		1-	A	B2
C 9019	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2
C 9020	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B1
C 9021	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	A	A1
C 9022	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A1
C 9023	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	A	B1
C 9024	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	A	A1
C 9026	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	A	B1
C 9027	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	A	A1
C 9028	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	A	A1
C 9029	CHIP CAP.	0.001uF	50V	B	UMK105B102KW-F	K22178829		1-	A	A2
C 9030	CHIP CAP.	0.001uF	50V	B	UMK105B102KW-F	K22178829		1-	A	B1
C 9031	CHIP CAP.	0.001uF	50V	B	UMK105B102KW-F	K22178829		1-	A	A1
C 9032	CHIP CAP.	0.001uF	50V	B	UMK105B102KW-F	K22178829		1-	A	B1
C 9033	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A1
C 9034	CHIP CAP.	0.47uF	10V	BJ	LMK107BJ474KA-T	K22104803		1-	A	B2
C 9035	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A1
C 9036	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B1
C 9037	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B1
C 9038	CHIP CAP.	1uF	10V	B	GRM155B31A105KE15D	K22108809		1-	A	B1
C 9039	CHIP CAP.	10uF	6.3V	B	JMK107BJ106MA-T	K22084806		1-	A	B1
C 9041	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A1
C 9043	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B1
C 9044	CHIP CAP.	10uF	6.3V	B	JMK107BJ106MA-T	K22084806		1-	A	B1
C 9045	CHIP CAP.	0.001uF	50V	B	UMK105B102KW-F	K22178829		1-	A	A1
C 9046	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B1
C 9047	CHIP CAP.	220pF	50V	CH	GRM1552C1H221JA01D	K22179713		1-	A	B1
C 9048	CHIP CAP.	0.001uF	50V	B	UMK105B102KW-F	K22178829		1-	A	A1
C 9049	CHIP CAP.	0.001uF	50V	B	UMK105B102KW-F	K22178829		1-	A	B1
C 9050	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	A	A1
C 9051	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	A	A1
C 9056	CHIP CAP.	10uF	6.3V	B	JMK107BJ106MA-T	K22084806		1-	A	A1
C 9057	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A2
C 9058	CHIP TA.CAP.	47uF	4V		TMCP0G476MTRF	K78060050		1-	A	A2
C 9060	CHIP CAP.	1uF	10V	B	GRM155B31A105KE15D	K22108809		1-	A	A2
C 9061	CHIP CAP.	0.001uF	50V	B	UMK105B102KW-F	K22178829		1-	A	B1
C 9062	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	A	B2
D 9001	DIODE				RB751S-40TE61	G2070850		1-	A	A2
D 9007	DIODE				RB751S-40TE61	G2070850		1-	A	A2
D 9008	DIODE				1SS400 TE61	G2070634		1-	A	A2
D 9009	DIODE				RB751S-40TE61	G2070850		1-	A	A1
D 9012	DIODE				RB751S-40TE61	G2070850		1-	A	A1
D 9013	DIODE				RKZ3.3B2KJR1	G2071398		1-	A	A2
J 9001	CONNECTOR				AXK5F24547YG	P1091452		1-	B	a1
J 9002	CONNECTOR				AXK6F10345YP	P0091378		1-	B	b1
J 9003	SHIELD FINGER				0G-542925	S5000276		1-	B	a1
L 9001	M.RFC	0.33uH			LK1608 R33K-T	L1690412		1-	A	B1
Q 9003	IC				TPS76301DBVR	G1094152		1-	A	A2
Q 9004	IC				S29AL016J70BFI010E YR1934	G1095009		1	A	A1
Q 9004	IC				S29AL016J70BFI010E YR2022	G1095140		2-	A	A1
Q 9005	IC				SSM2602CPZ-REEL7	G1094762		1-	A	B1
Q 9006	TRANSISTOR				2SC5107-O(TE85R.F)	G3351077O		1-	A	B1
Q 9007	IC				TMS320VC5509AZHH	G1094763		1-	A	A1
Q 9008	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	B1
Q 9009	IC				TAR5S33U(TE85L.F)	G1094549		1-	A	A2
Q 9010	TRANSISTOR				UMW1 TR	G3070078		1-	A	A1
Q 9012	FET				TPCF8105	G3070456		1-	A	A1
R 9004	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	A2
R 9005	CHIP RES.	6.8k	1/16W	5%	RMC1/16S 682JTH	J24189035		1-	A	A2
R 9020	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	A2
R 9021	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A1
R 9023	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	A2
R 9027	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	A2
R 9032	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	A2
R 9033	CHIP RES.	39k	1/16W	1%	RMC1/16SK393FTH	J24189524		1-	A	B2
R 9034	CHIP RES.	120k	1/16W	1%	RMC1/16SK124FTH	J24189530		1-	A	B2
R 9036	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 9037	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	A1
R 9038	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B1
R 9039	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A1
R 9040	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A1
R 9041	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A1
R 9042	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A1
R 9043	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B1
R 9044	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B1
R 9045	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	B1
R 9046	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B1
R 9048	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B1
R 9049	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B1
R 9050	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	A1
R 9051	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	A1
R 9052	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 9053	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A1
R 9054	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A1
R 9055	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A1
R 9056	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	A1
R 9057	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B1
R 9058	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	B1
R 9059	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	B1
R 9060	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	B1
R 9061	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B1
R 9062	CHIP RES.	22	1/16W	5%	RMC1/16S 220JTH	J24189005		1-	A	B1
R 9063	CHIP RES.	22	1/16W	5%	RMC1/16S 220JTH	J24189005		1-	A	A1
R 9064	CHIP RES.	22	1/16W	5%	RMC1/16S 220JTH	J24189005		1-	A	B1
R 9065	CHIP RES.	3.9k	1/16W	5%	RMC1/16S 392JTH	J24189032		1-	A	A1
R 9066	CHIP RES.	6.8k	1/16W	5%	RMC1/16S 682JTH	J24189035		1-	A	A1
R 9067	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A1
R 9068	CHIP RES.	330	1/16W	5%	RMC1/16S 331JTH	J24189019		1-	A	B1
R 9069	CHIP RES.	180	1/16W	5%	RMC1/16S 181JTH	J24189016		1-	A	A1
R 9071	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B2
R 9072	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A1
R 9073	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A1
R 9074	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A1
R 9075	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A1
R 9076	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A1
R 9077	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B2
R 9079	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A1
R 9083	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B1
R 9084	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B1
R 9085	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B1
R 9086	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A1
R 9087	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B1
R 9088	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A1
R 9089	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	B2
R 9090	CHIP RES.	2.7k	1/16W	5%	RMC1/16S 272JTH	J24189030		1-	A	A1
R 9093	CHIP RES.	12k	1/16W	5%	RMC1/16S 123JTH	J24189038		1-	A	A2
R 9094	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 9095	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	A1
R 9096	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A1
R 9097	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B2
R 9098	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	B1
R 9099	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B2
SC9001	SHIELD CASE				(DSP)	RA1357400		1-	A	A1
X 9001	TCXO	18.432MHz			TTS18NSE-A11 18.432M	H9501220		1-	A	A1

YAESU

The radio

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