SCHEMATIC DIAGRAM FOR
MODEL No. :

TX-T7S37

CHASSIS No. : THV15Z
CHASSIS FAMILY : 17THV15Z

MAIN PCB BLOCK TNP4CH0029

SHEET 2

COM I/F

1 KEY
KEY
KEY
2 KEY

MCU/DDC
H/V-OSC
GEOMETORY
– FUNCTION

GREEN
AMBER

POWER INDICATION

VOL_ON_OFF
X_RAY

VIDEO SIGNAL

+12V
BLUE
GREEN
RED

1 G1 20
HEATER
CP
ABL
GND
B
GND
G
GND
R
+12V
+5V
CS
GND
H-PULSE
V-PULSE
SCL
SDA
+120V
+80V
20 1

CRT PCB BLOCK TNP4C0022

SHEET 1

VIDEO PRE. AMP
VIDEO OUTPUT
OSD GENERATOR

N1005 GND

CRT
DY

SCREEN
D_FOCUS
S_FOCUS
H_DY
V_DY
EHT

+5V
+12V
RESET
DEGAUSS
H_DAIV_B
C_SEL2-4
HBOFF
POW_OFF
TILT
VID_OFF
HS/VS
BRIGHTNESS
SUSPEND
EHTDAC

LED1_ON

H_OUT1,2
H_LIN
H_PULSE

EHTDRV
HVBLK
EHTDAC
XRAY
+120V
H_PULSE
ABL
FLASH_DET
VID_OFF
G1
BRIGHT NESS

DEGAU-
SSING
COIL

SHEET 3

PRIMARY CIRCUIT
AC DEGAUSS
SWITCHING CONTROL
LINE FILTER
AC IN
SW

POWER
GENERATOR
REGULATOR

PROTECTOR

+170V
POWTRG
RESET
POW_OFF
SUSPEND
DEGAUSS
FLASH_DET

H_DRIVE
HD

SHEET 5

H_DEFLECTION
CHOPPER CONTROL
H_LIN, CORRECTION

SHEET 6

EHT REGULATOR
EHT GENERATOR
G1 CONTROL

FBT

EHT
S_FOCUS
D_FOCHS
SCREEN
GND

+5V
-15V
+80V
+24V
+15V
+12V
+8V
HEADER

+24V
+12V
-200V
+170V

DAF
TCO

+15V
-5V
+24V
-12V
+80V

+12V
+5V
+8V
+15V
-200V
-15V

V_FBP
DAF

TILT
TCO
H_PULSE
V_PULSE

SHEET 4

V_DEFLECTION
DYNAMIC FOCUS
TILT

TILT

SCHEMATIC DIAGRAM FOR MODEL TX-T7S37-G/-M, TX-T7S37TC1

THE COMPONENT IN PARENTHESIS ( ) IS NOT PROVIDEC.

PP

CY: DY: MEY41QHA

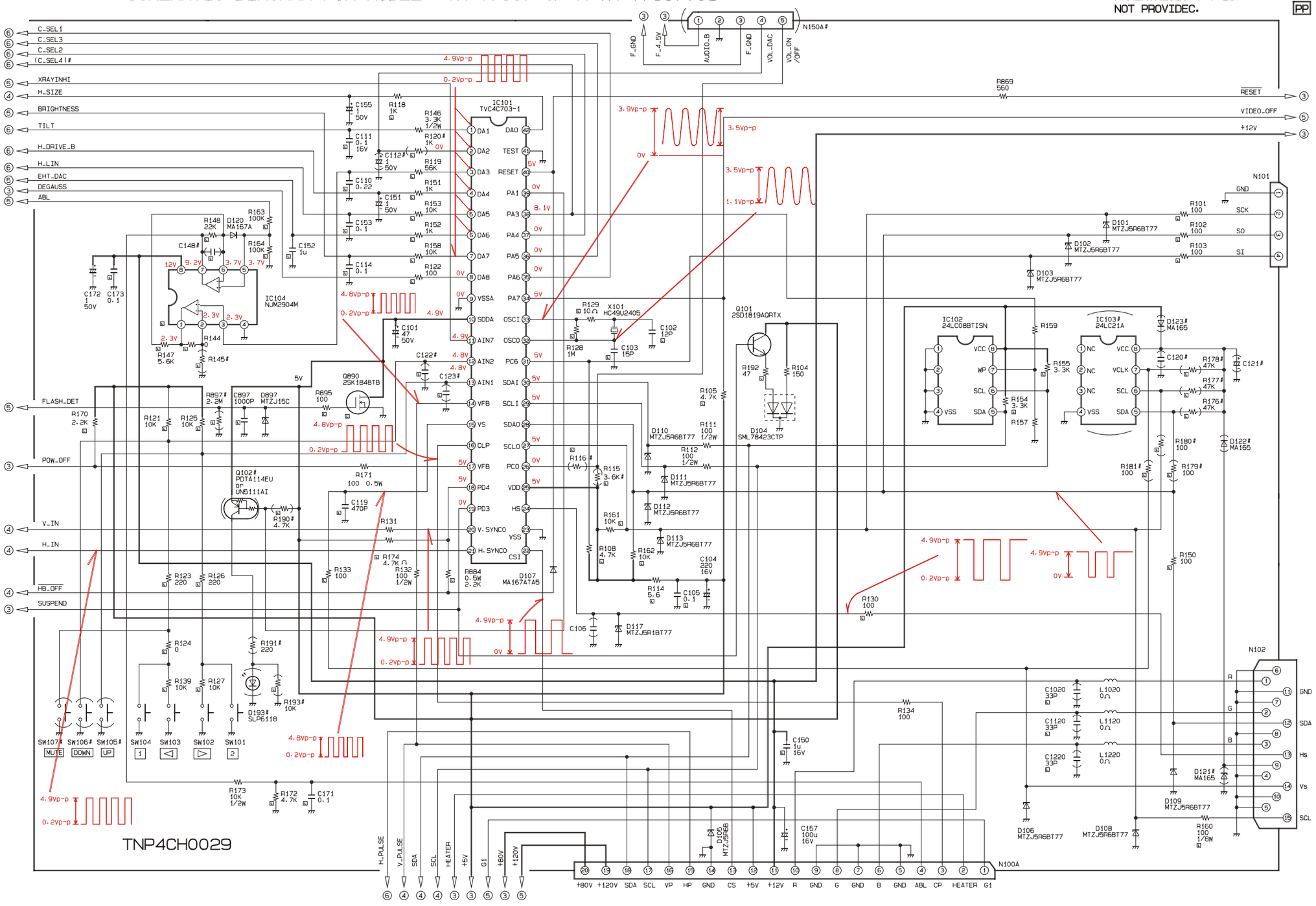
M41LQU480X
17' SL
0.27mm

TNP4CA0022

SCHEMATIC DIAGRAM FOR MODEL TX-T7S37-G/-M, TX-T7S37TC1

THE COMPONENT IN PARENTHESIS ( ) IS NOT PROVIDEC.

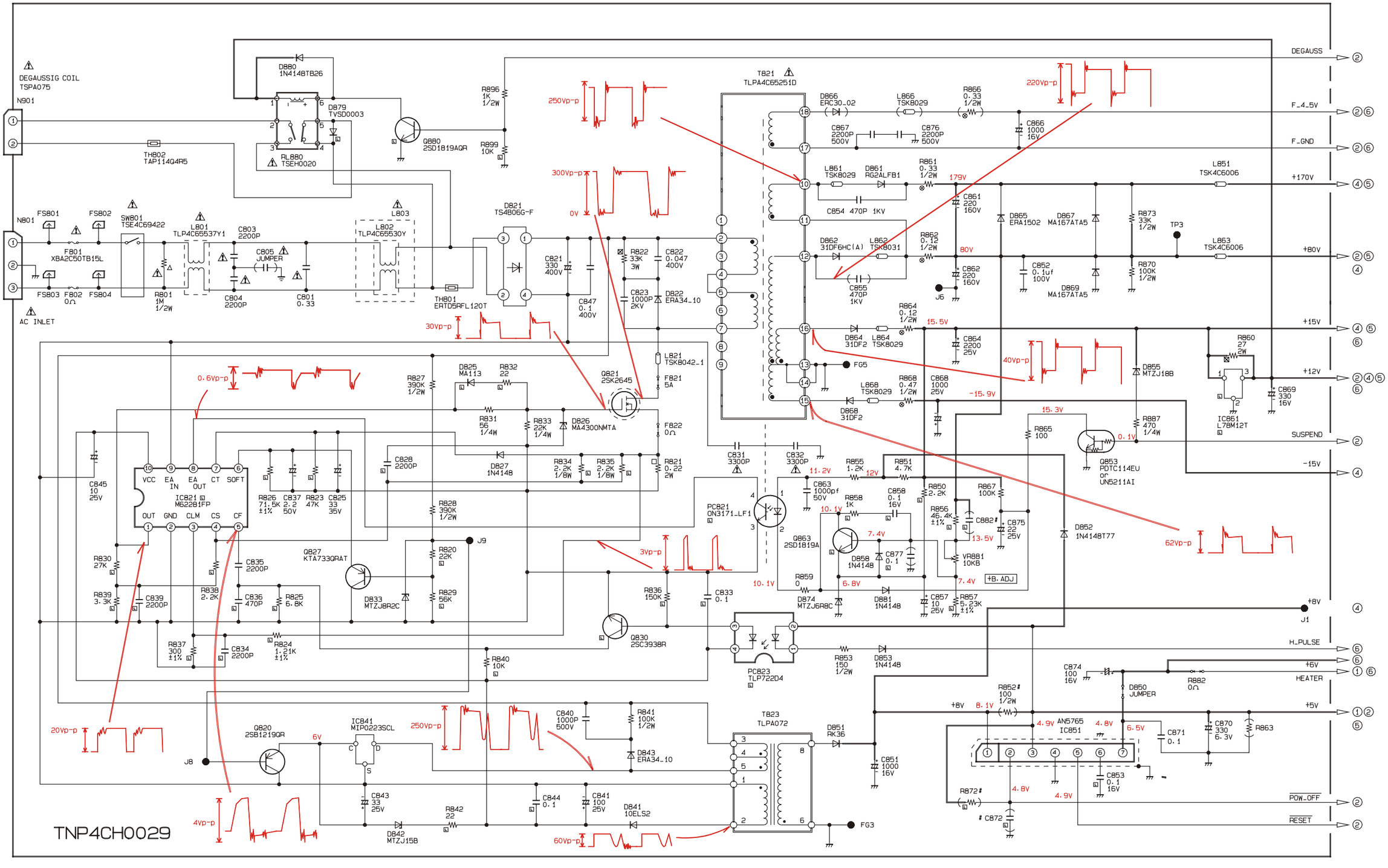
PP



SCHEMATIC DIAGRAM FOR MODEL TX-T7S37-G/-M, TX-T7S37TC1

THE COMPONENT IN PARENTHESIS ( ) IS NOT PROVIDEC.

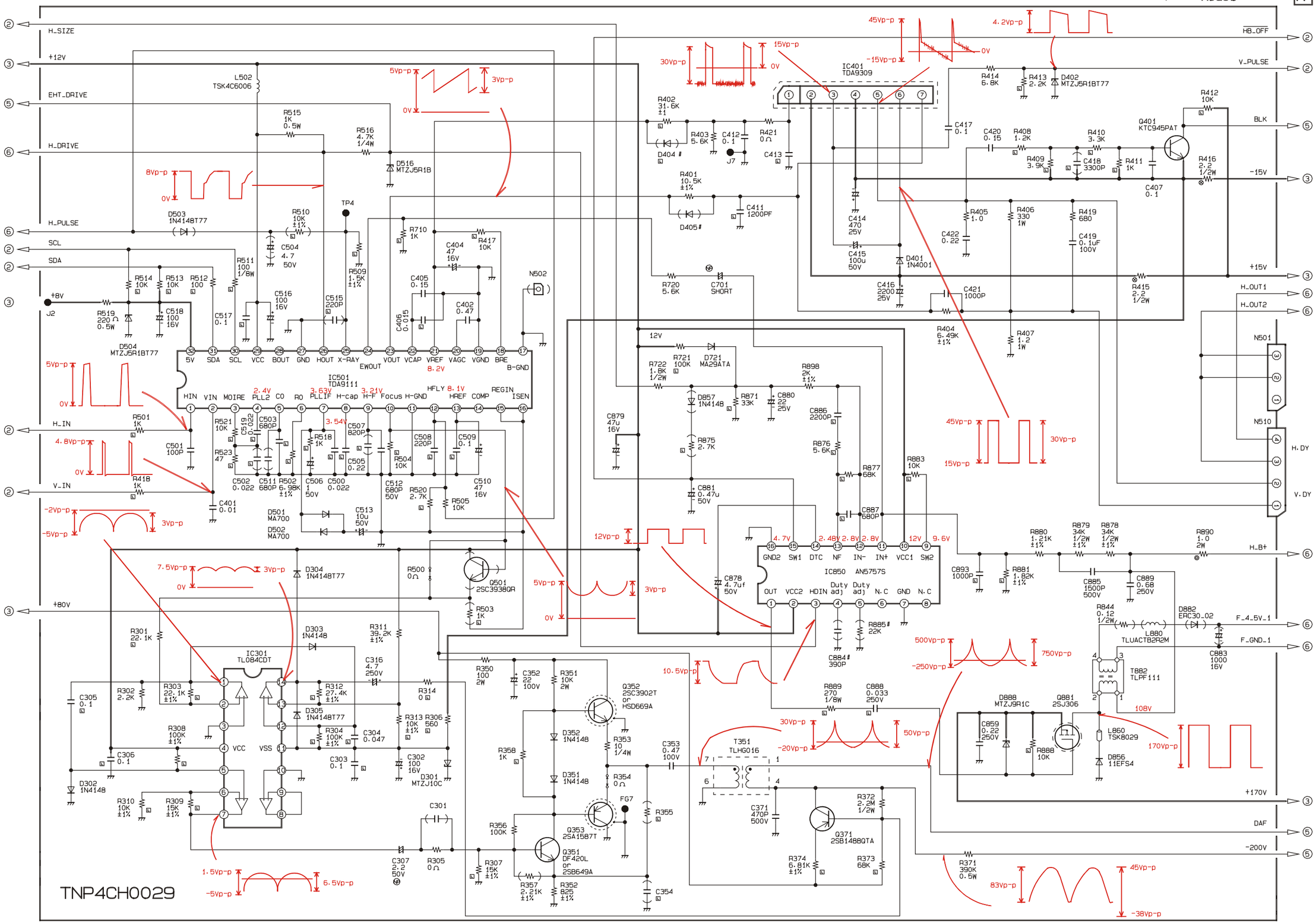
PP



SCHEMATIC DIAGRAM FOR MODEL TX-T7S37-G/-M, TX-T7S37TC1

THE COMPONENT IN PARENTHESIS ( ) IS NOT PROVIDEC. * For European Model

PP



SCHEMATIC DIAGRAM FOR MODEL TX-T7S37-G/-M, TX-T7S37TC1

THE COMPONENT IN
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* For European Model

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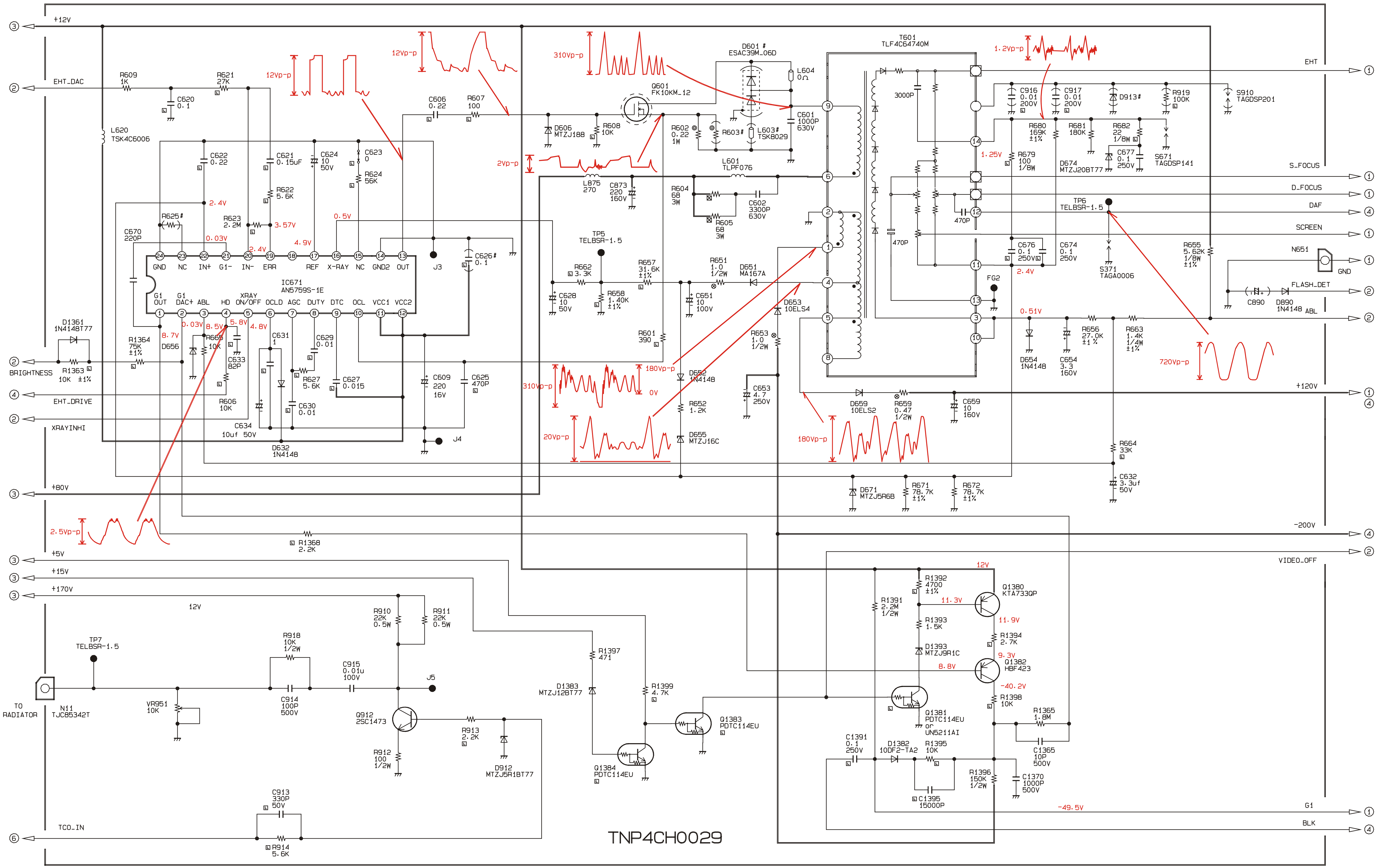

SCHEMATIC DIAGRAM FOR MODEL TX-T7S37-G/-M, TX-T7S37TC1

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