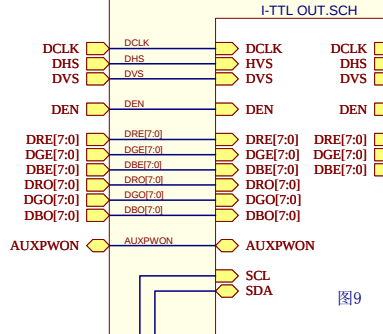
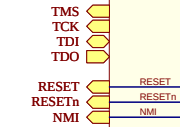
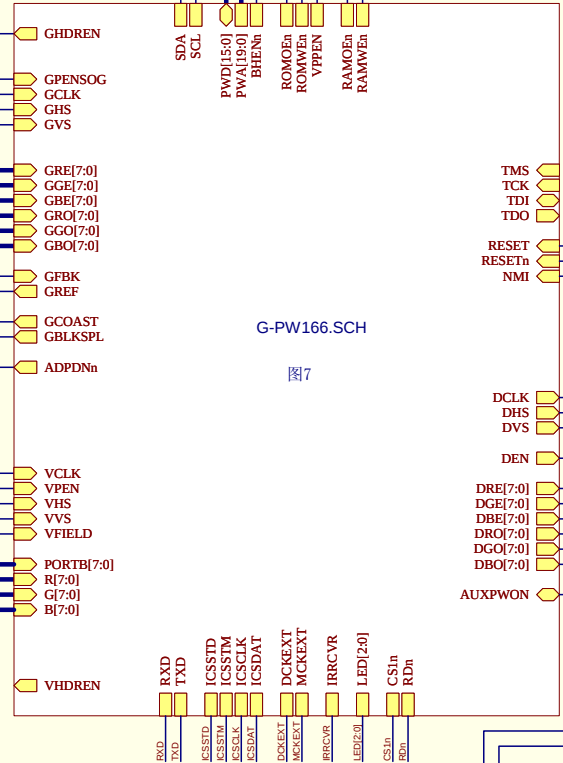
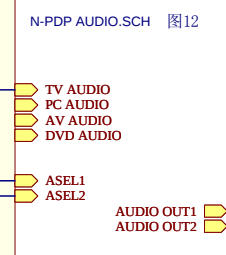
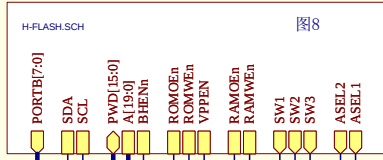
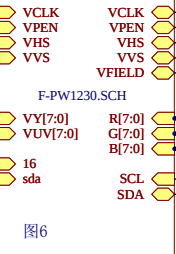
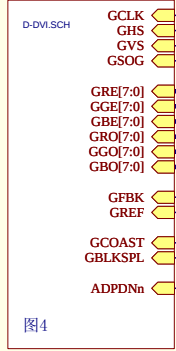
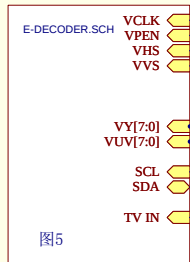
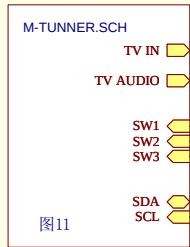
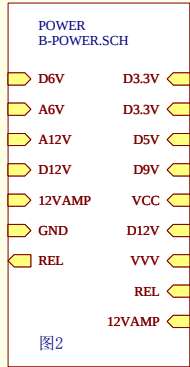
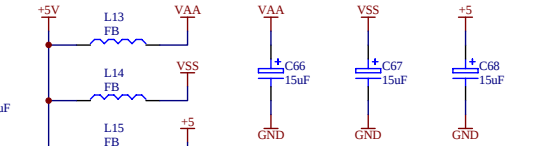
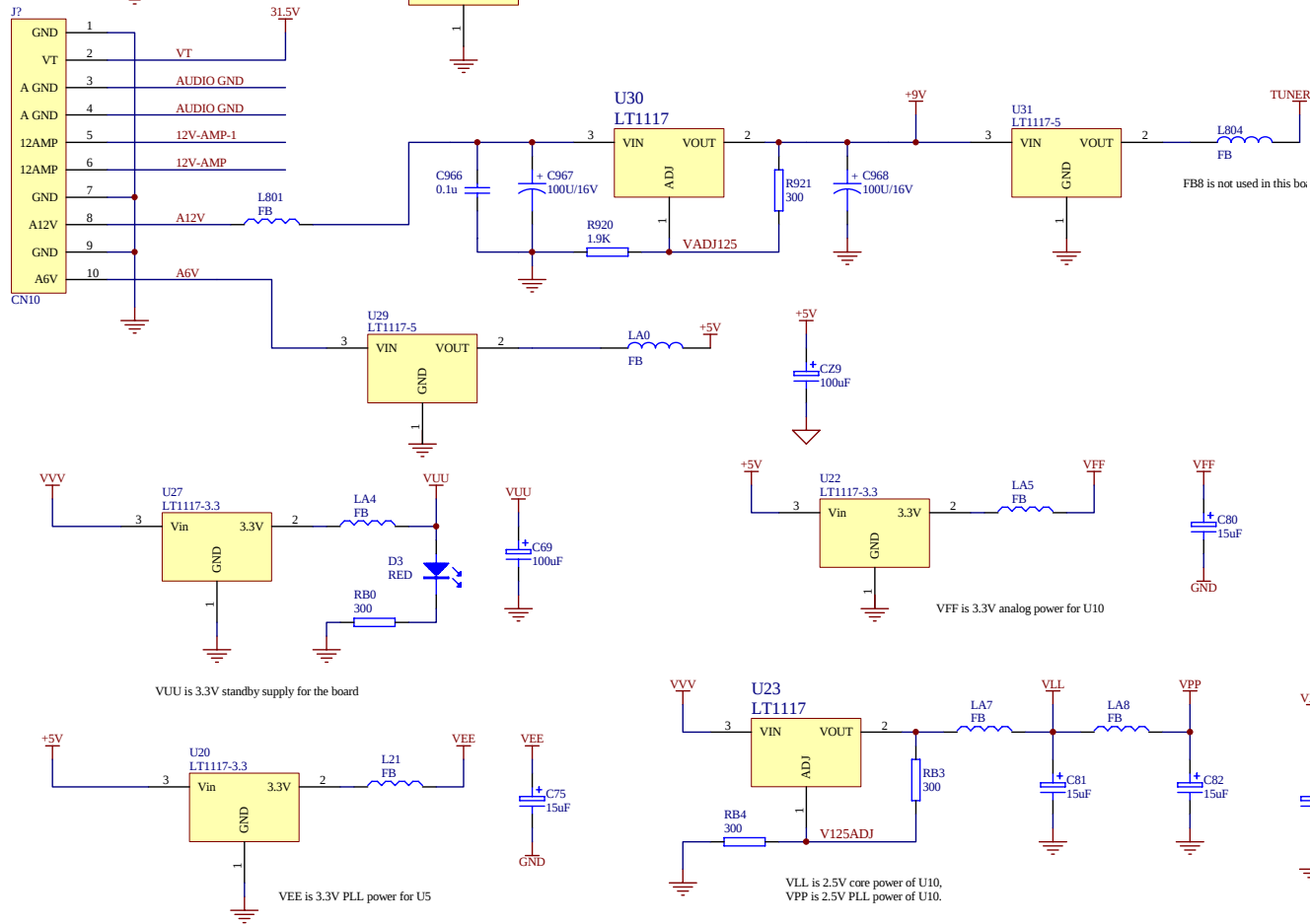
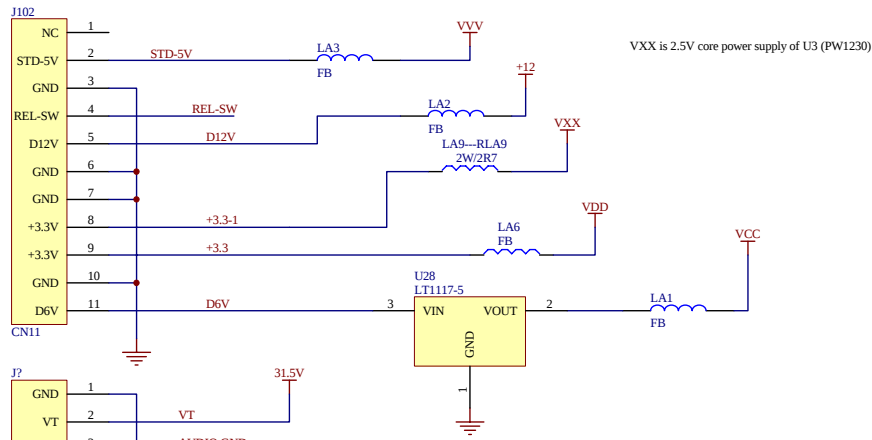
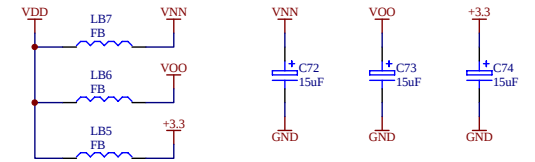


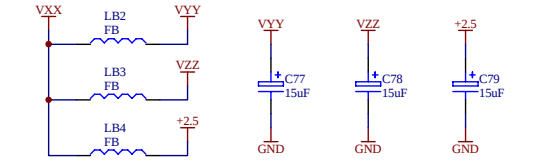
TPW4211



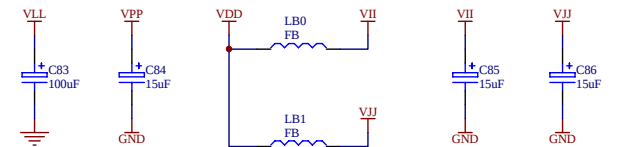
VAA is the 5V power supply for U2,
VSS is the 5V power supply for U0,U4



VNN is 3.3V power for U18 PLL
VOO is 3.3V power for U18 LVDS

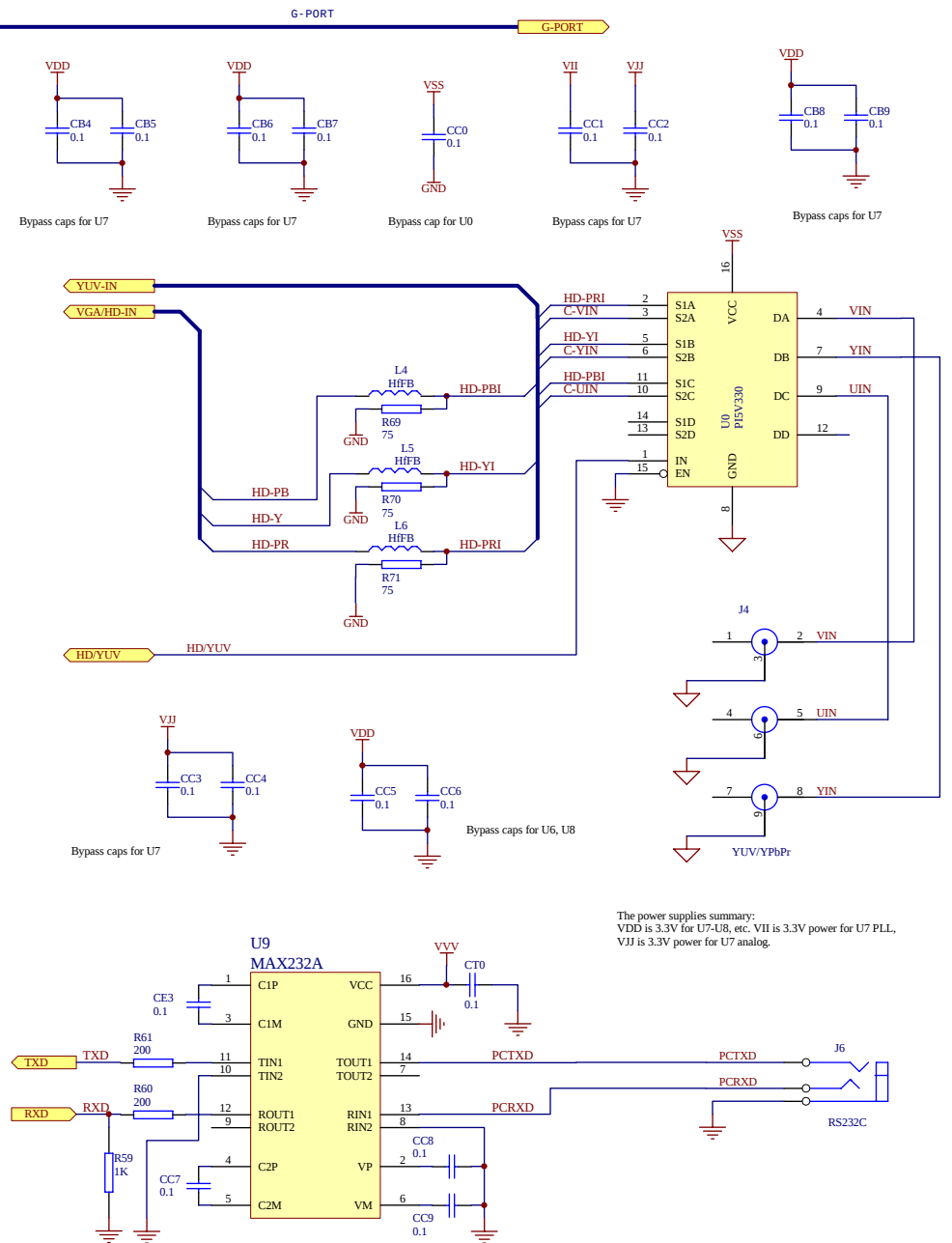
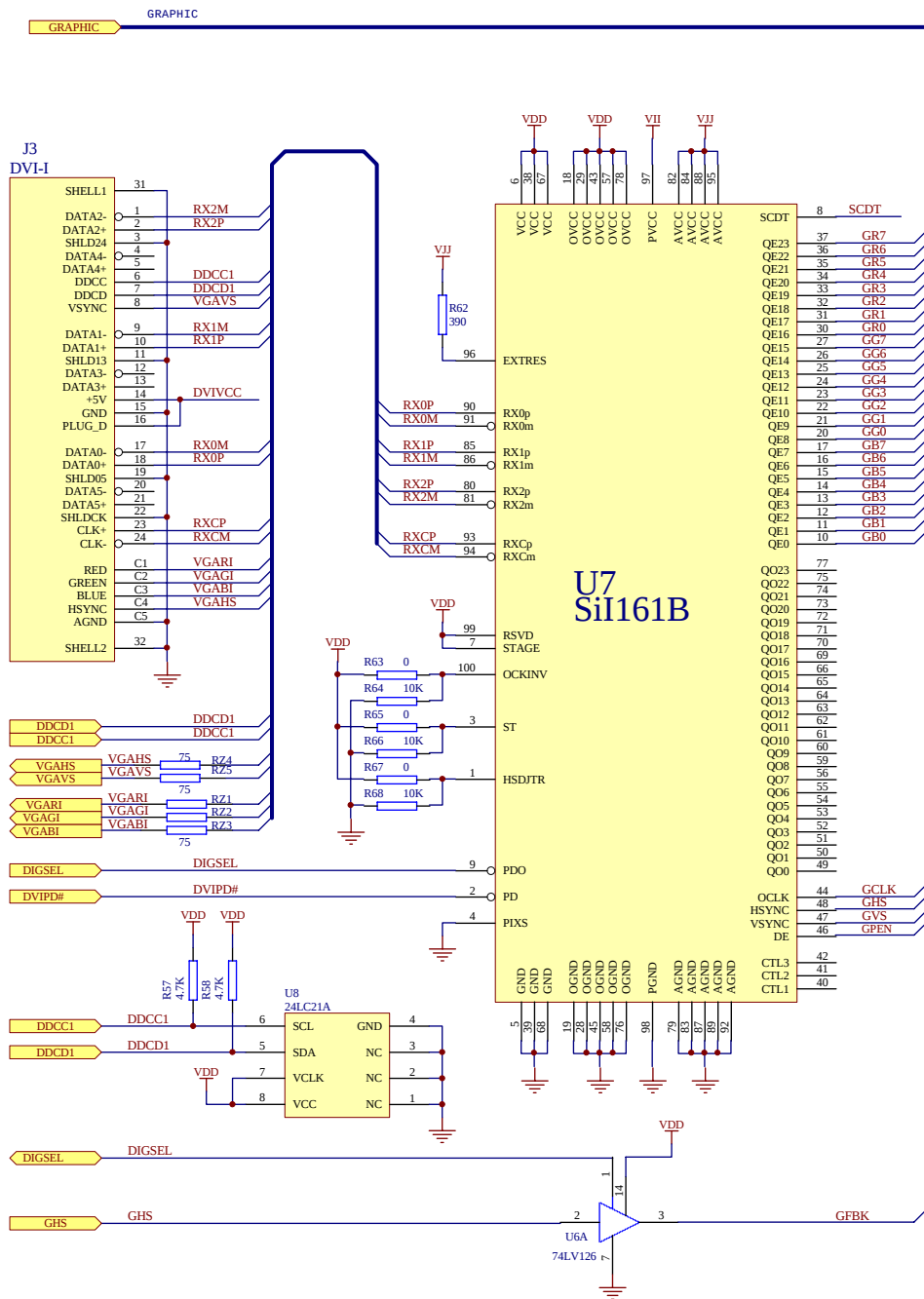


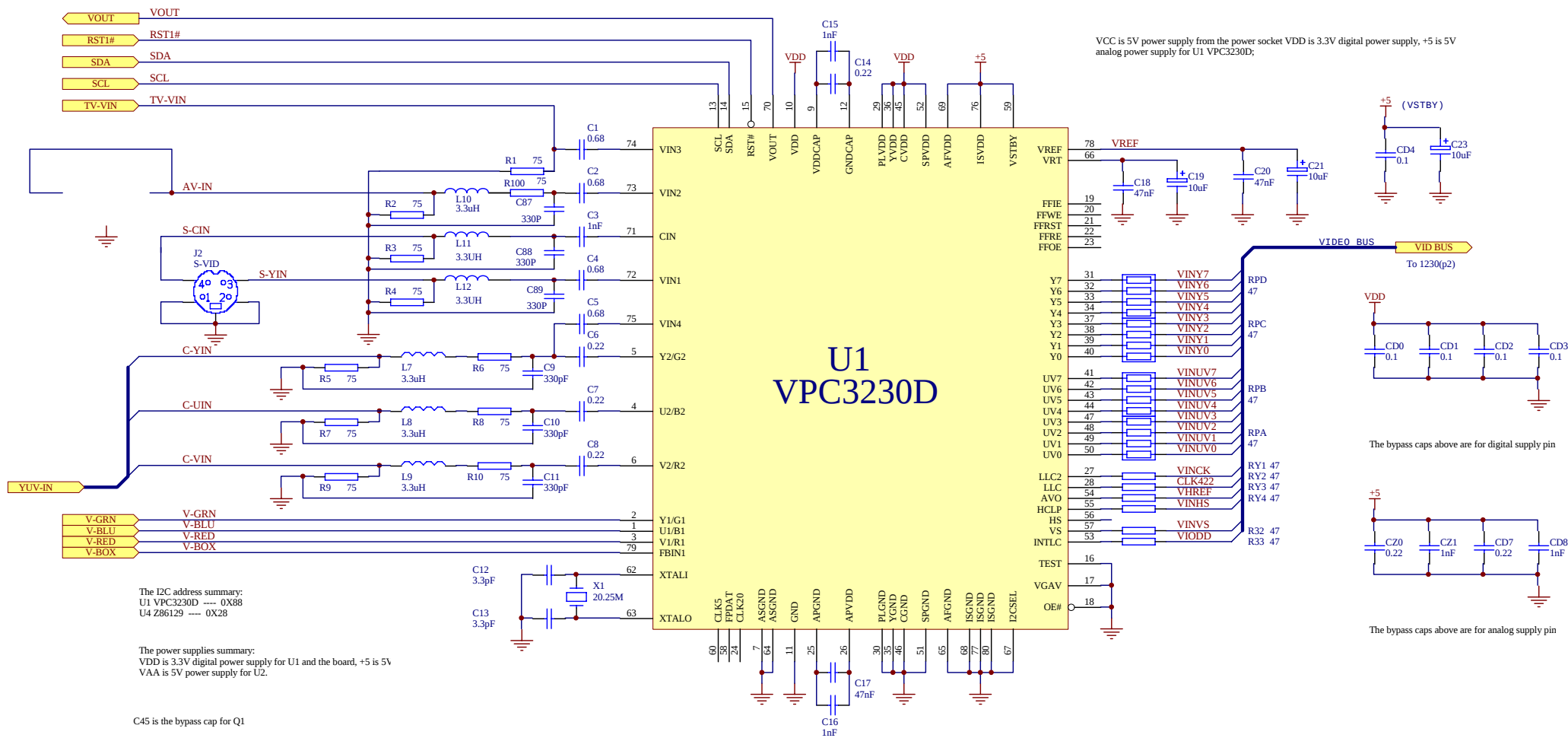
VYY is 2.5V display PLL power supply of U3,
VZZ is 2.5V memory PLL power supply of U3.

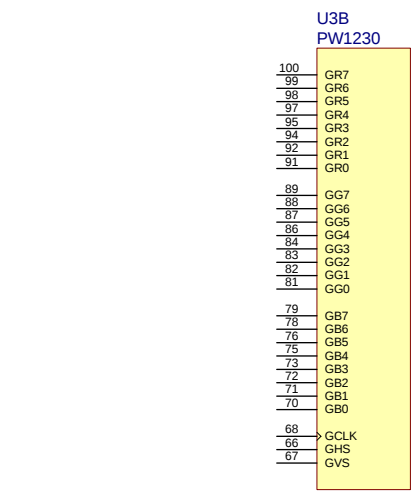
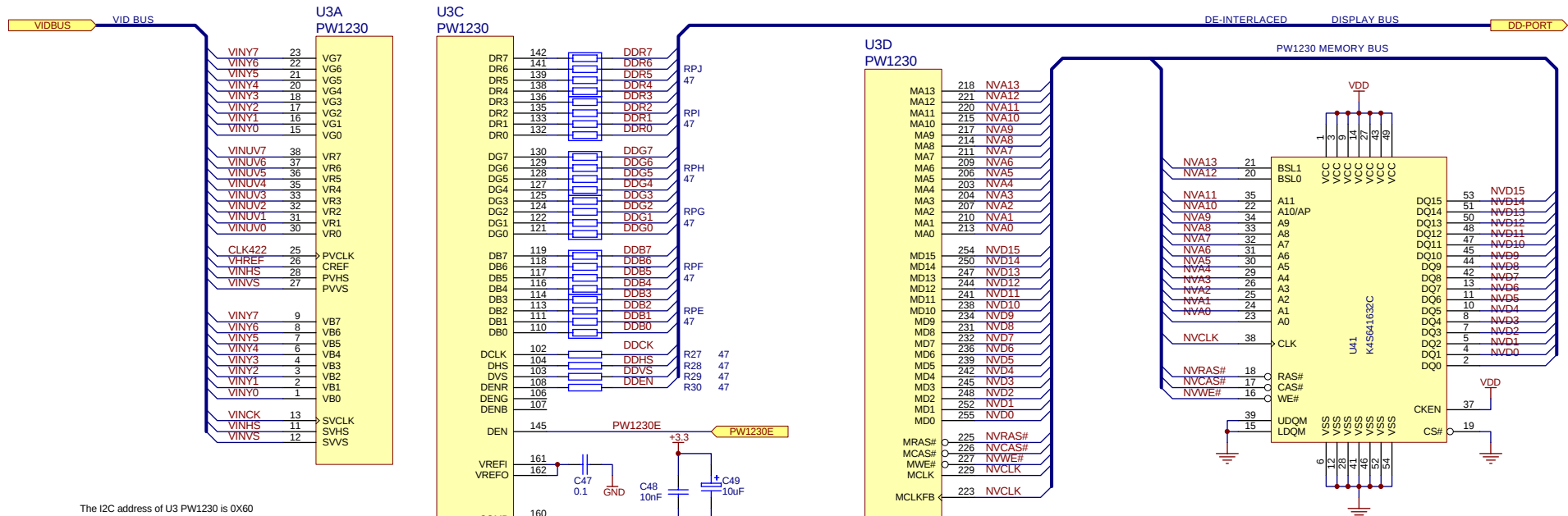


VII is PLL power of U7, VJJ is analog power for U7.

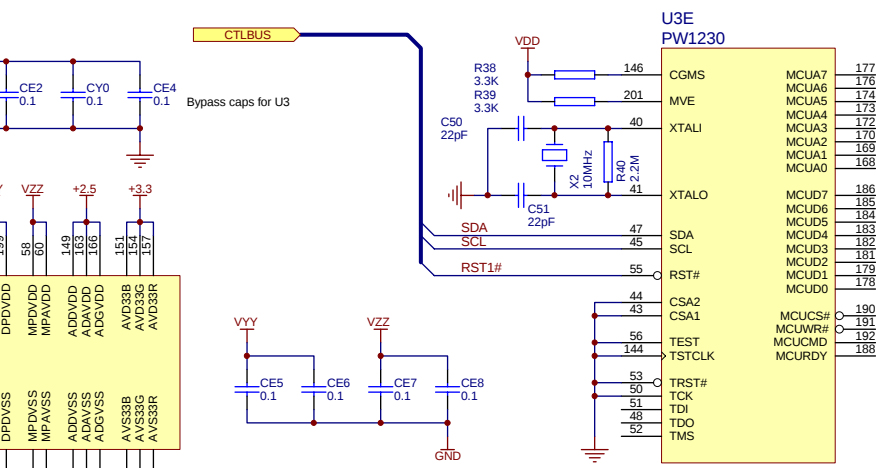
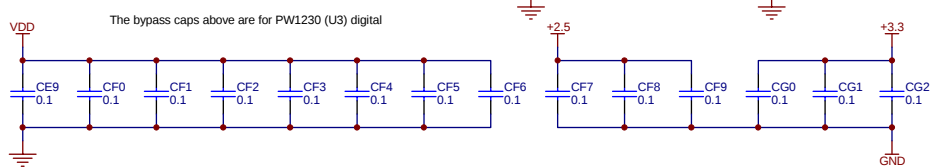
C83 is the decoupling cap for VLL,
C84 is the decoupling cap for VPP.



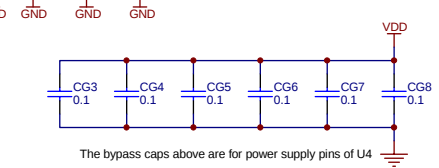


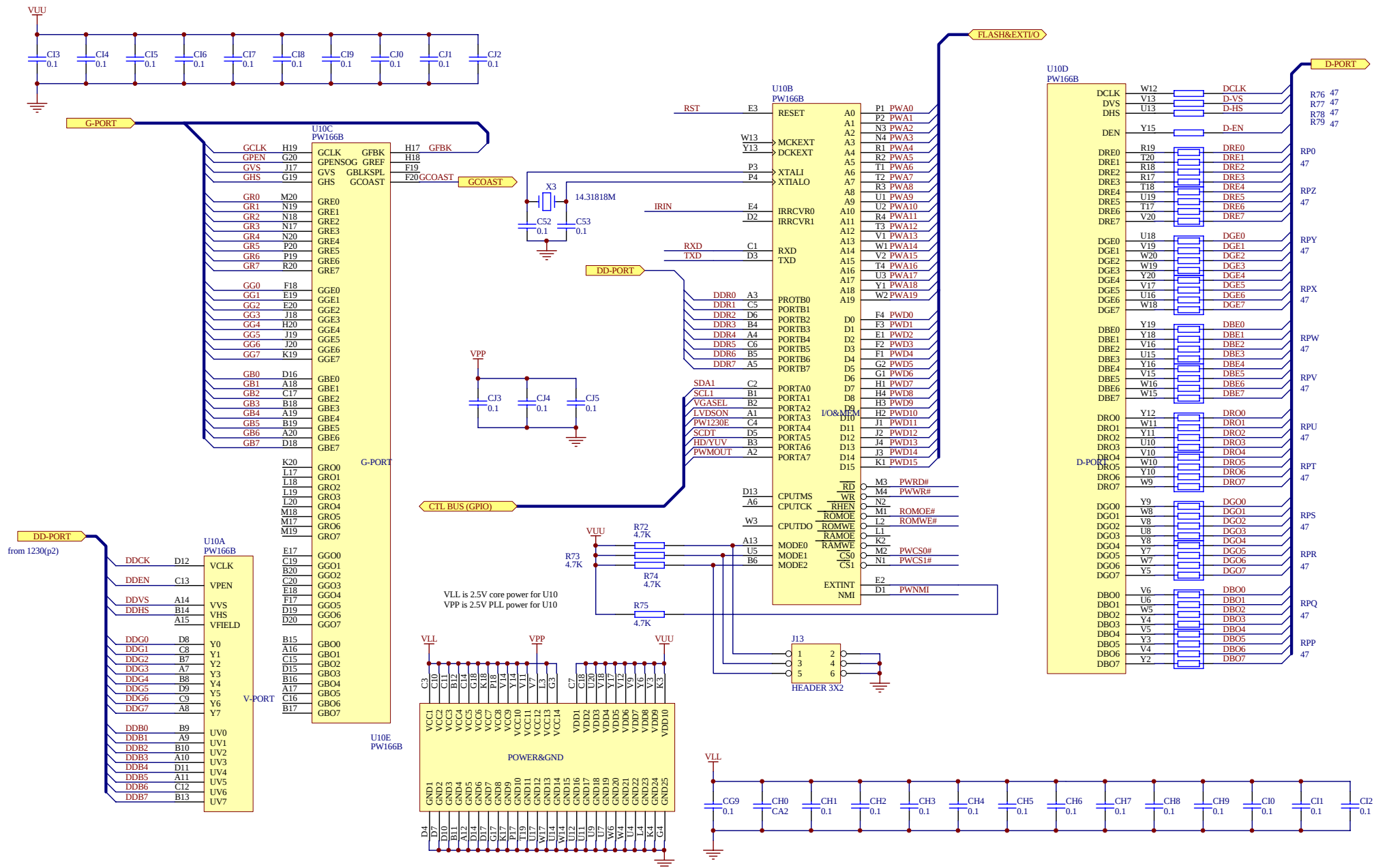


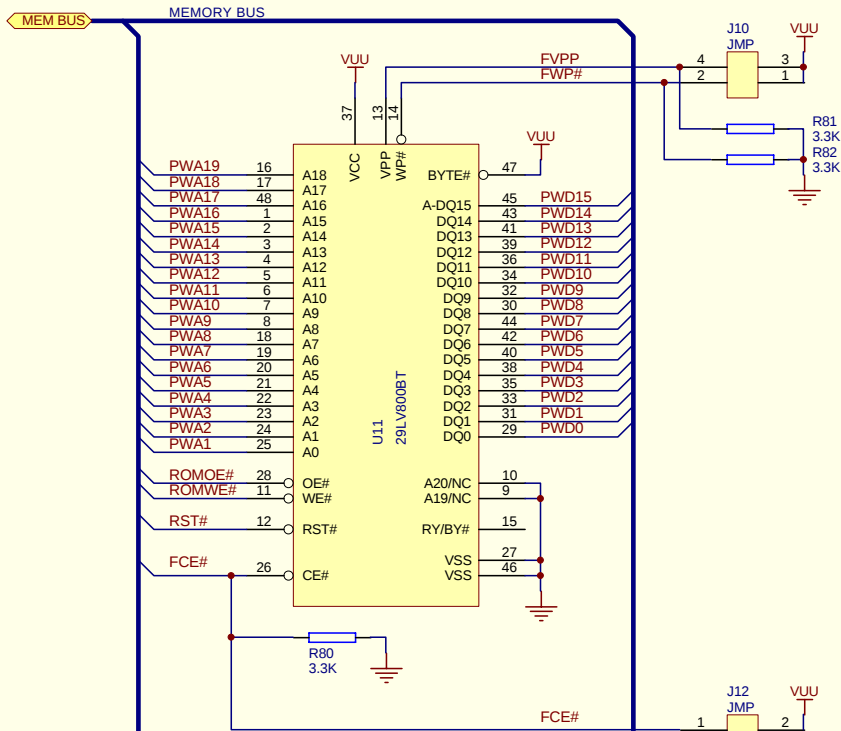
The bypass caps above are for PW1230 (U3) digital



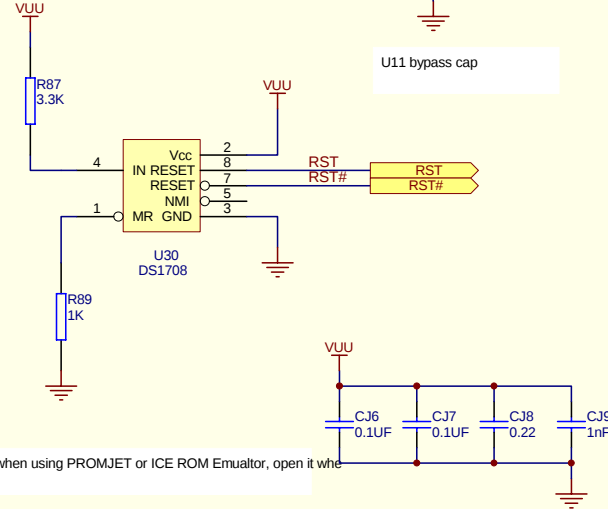
The power supplies summary:
VDD is 3.3V power for U3, U4, etc.
+3.3 is 3.3V analog supply for U3,
VXX is 2.5V D-PLL supply for U3,
VYY is 2.5V D-PLL supply for U3,
VZZ is 2.5V M-PLL supply for U3,







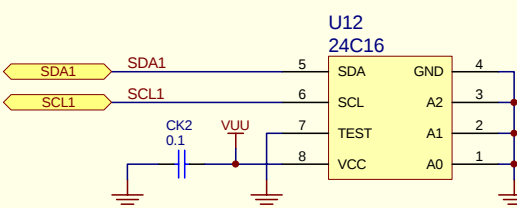
Short JP1 3-4 when writing flash
Short JP1 1-2 for write protect. For AMD single power flash, this jumper is not used.



Short JP3 when using PROMJET or ICE ROM Emulator, open it when using other ROM.

The power supply summary:
VUU is 3.3V power for U13-U14-U15-U30, etc.

TPW4211.....(8)



The U12 24C16 is to store TV channel data and other configuration data.

The I2C address of U12 is

