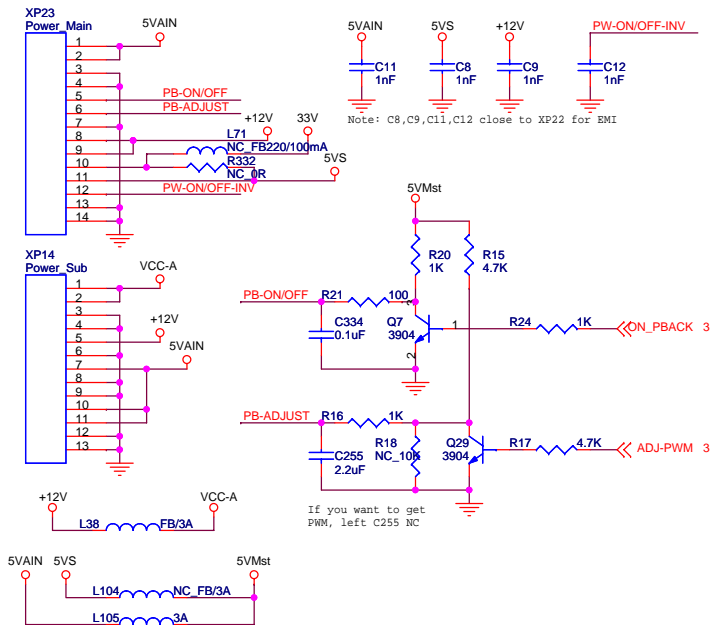
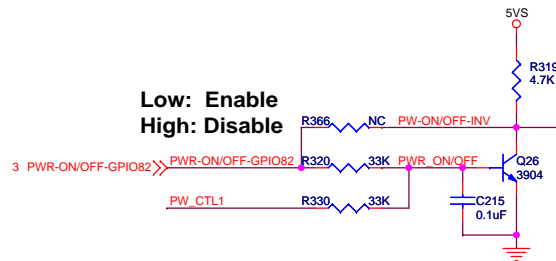


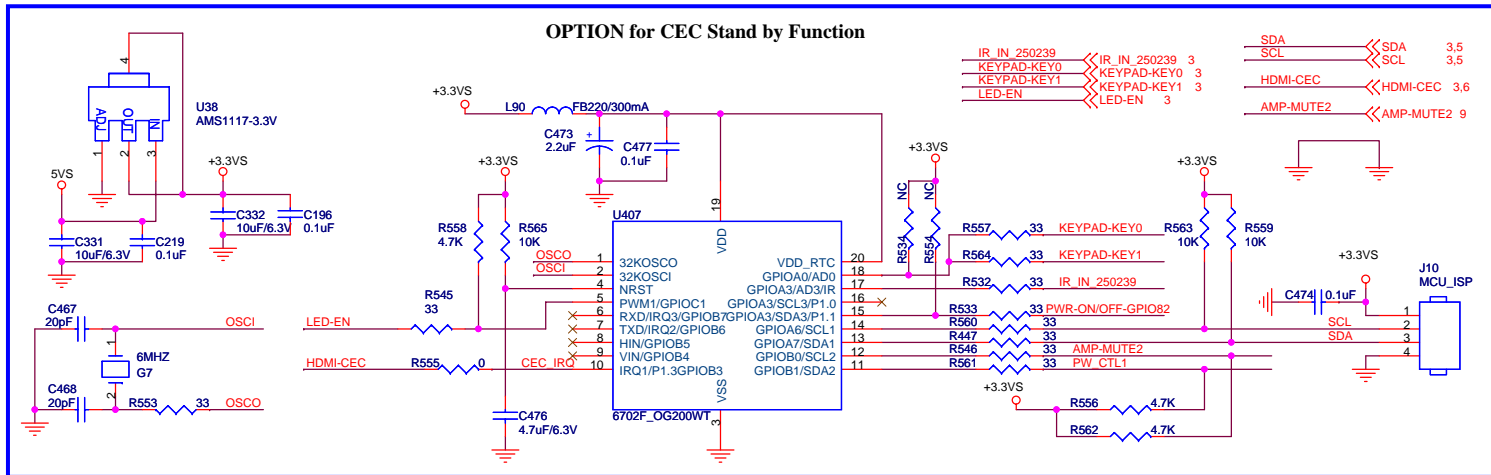
POWER INPUT



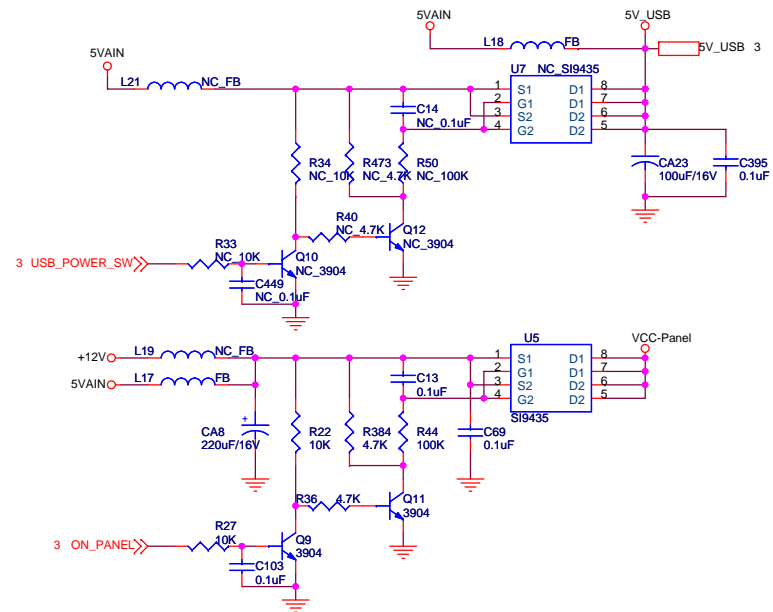
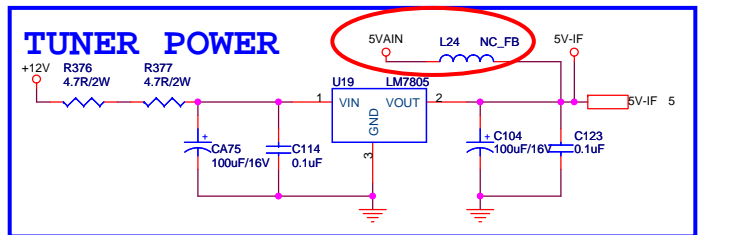
Low: Enable
High: Disable

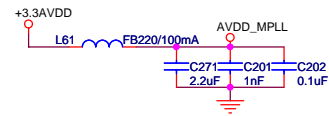
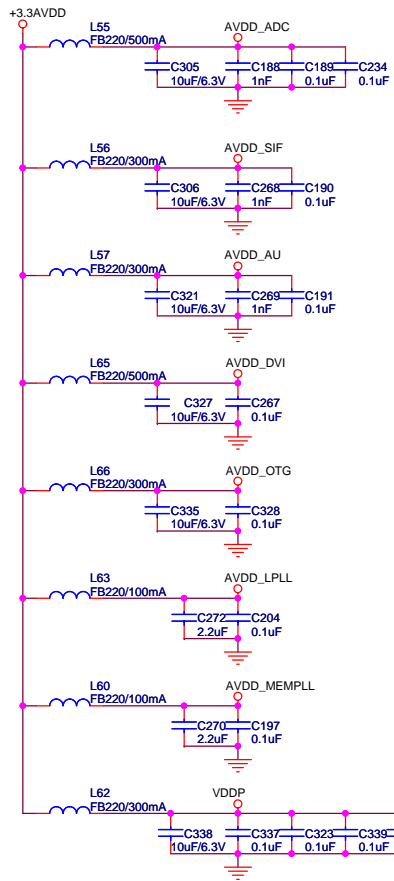
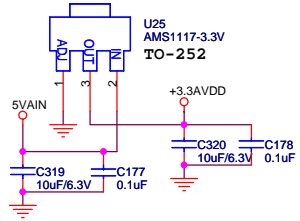


SUB POWER SUPPLY

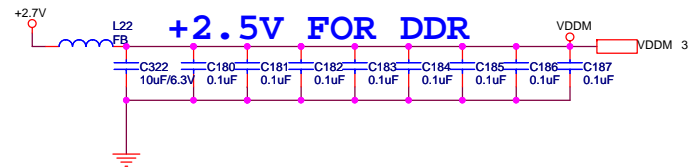
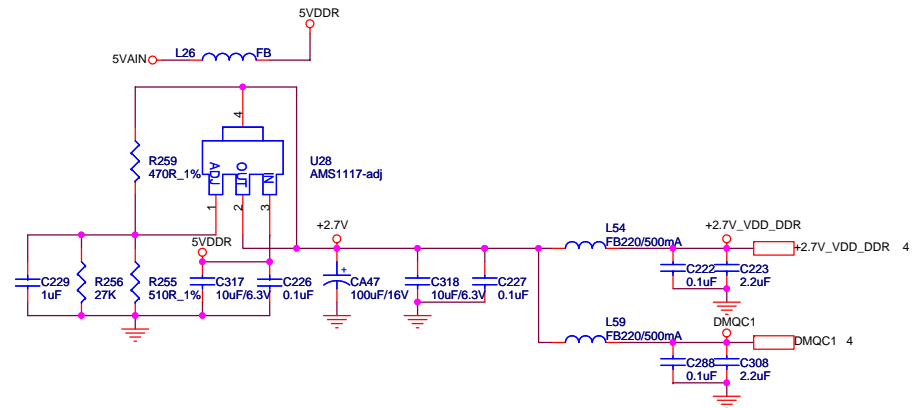
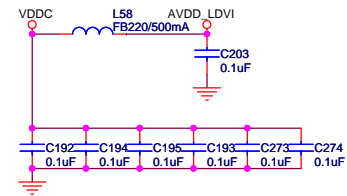
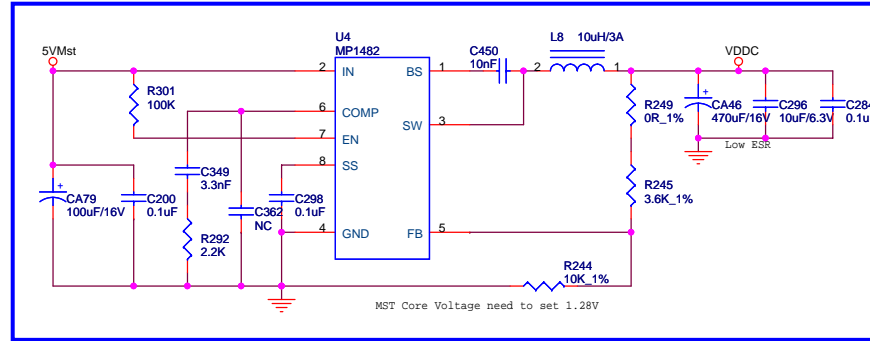


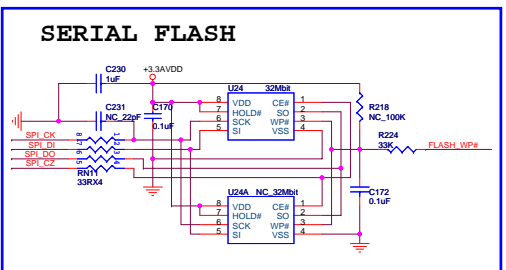
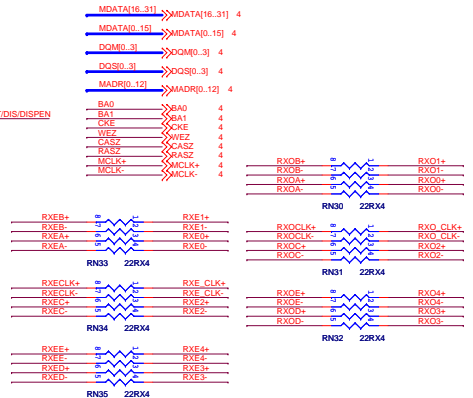
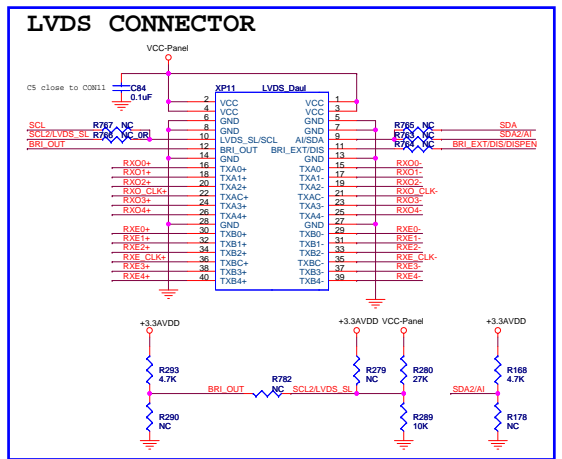
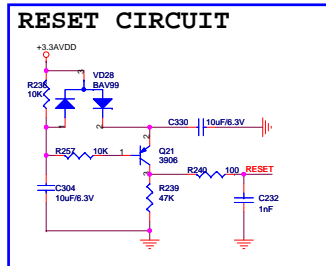
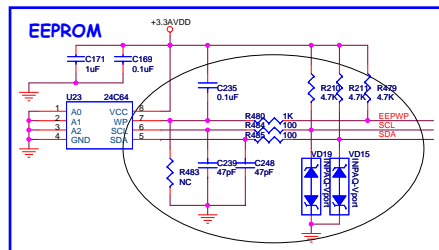
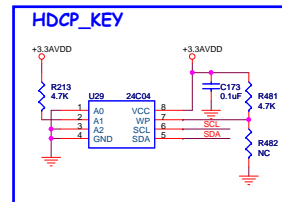
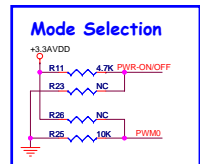
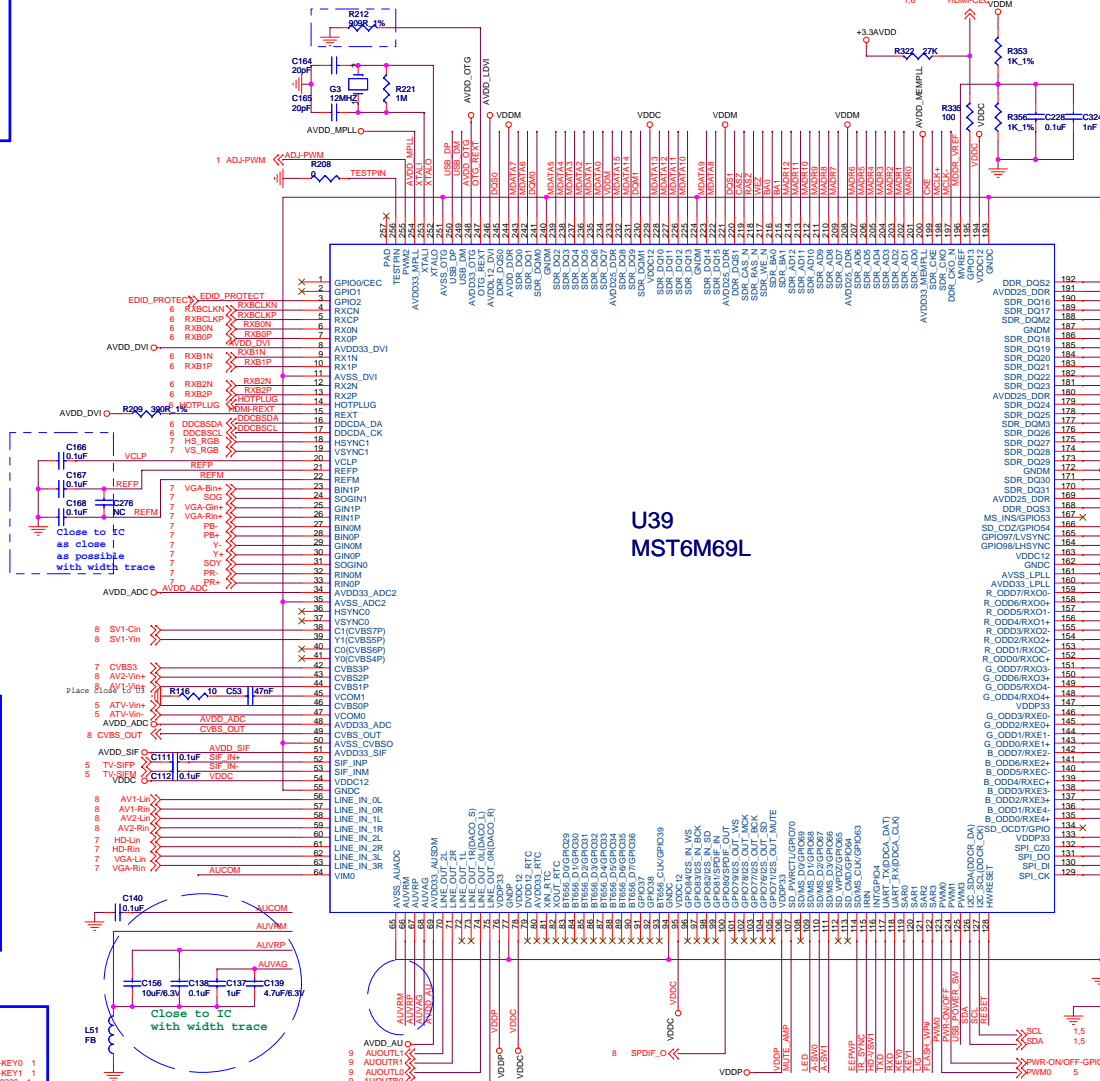
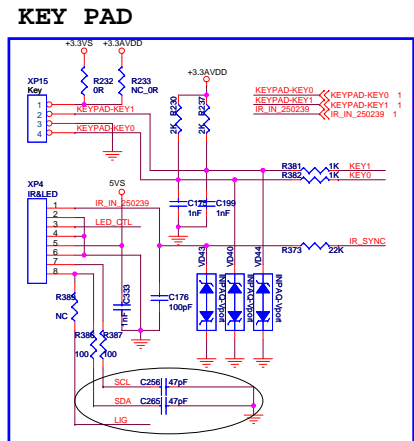
TUNER POWER

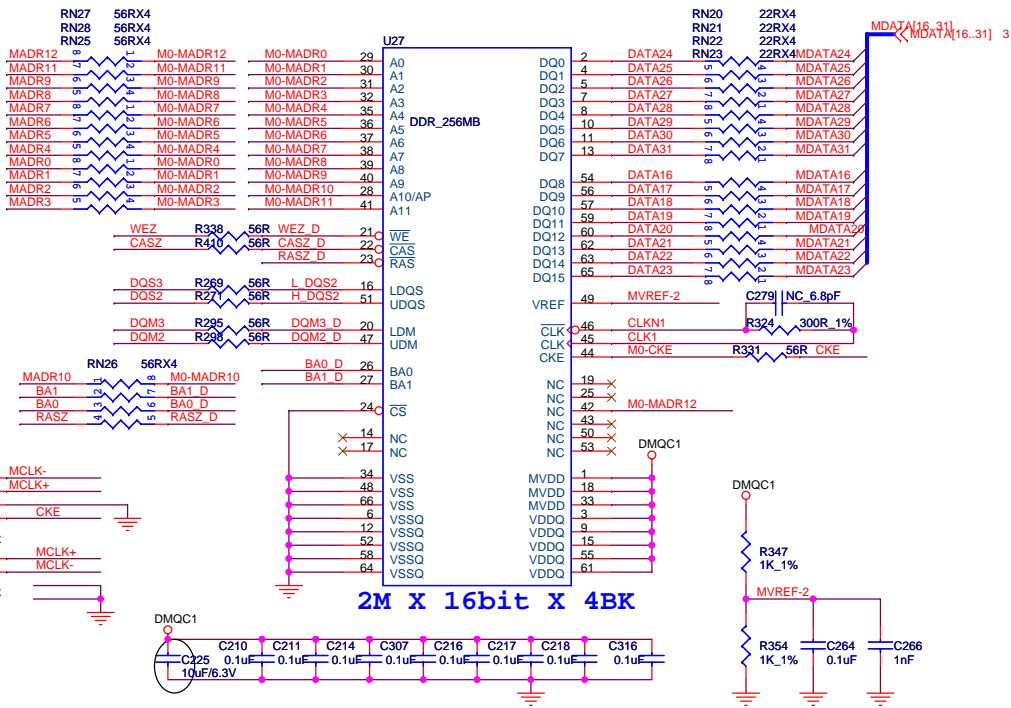




+1.26V FOR MST CORE







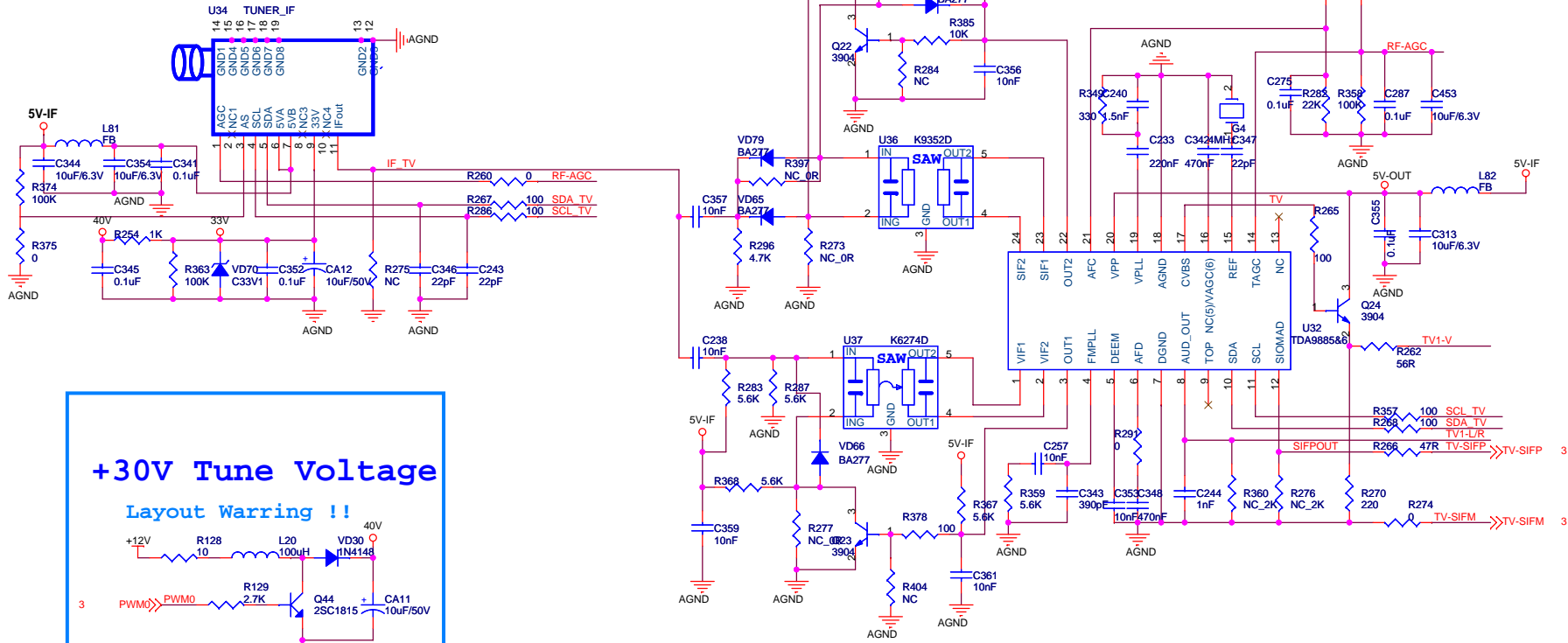
U36 PIN2 connected to PIN1 B/G,DK,I,L

U36 PIN2 connected to GND L'

I2C ADDRESS(R276 NC):

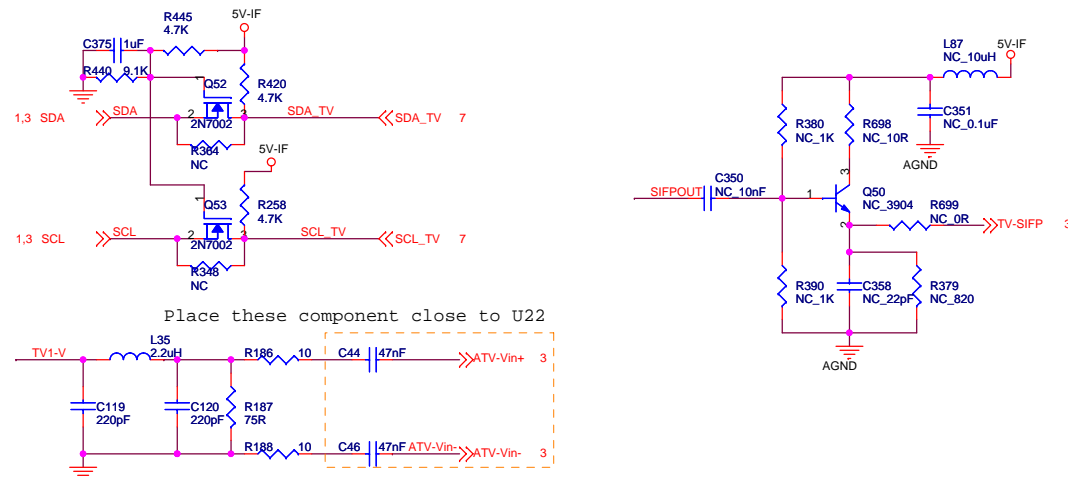
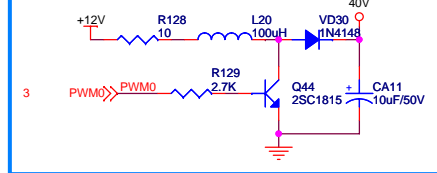
READ is 0X87

WRITE is 0X86

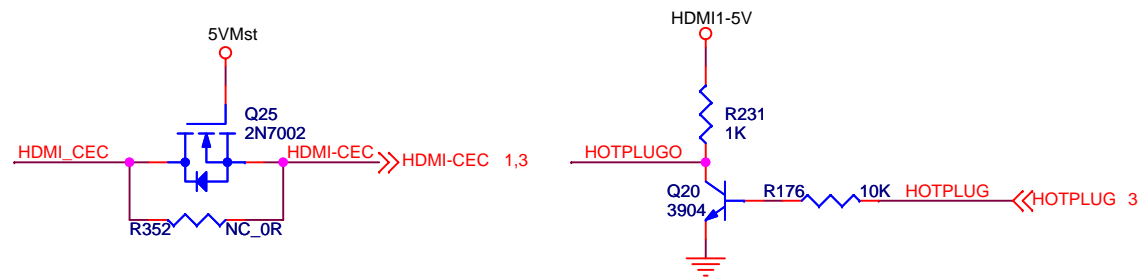
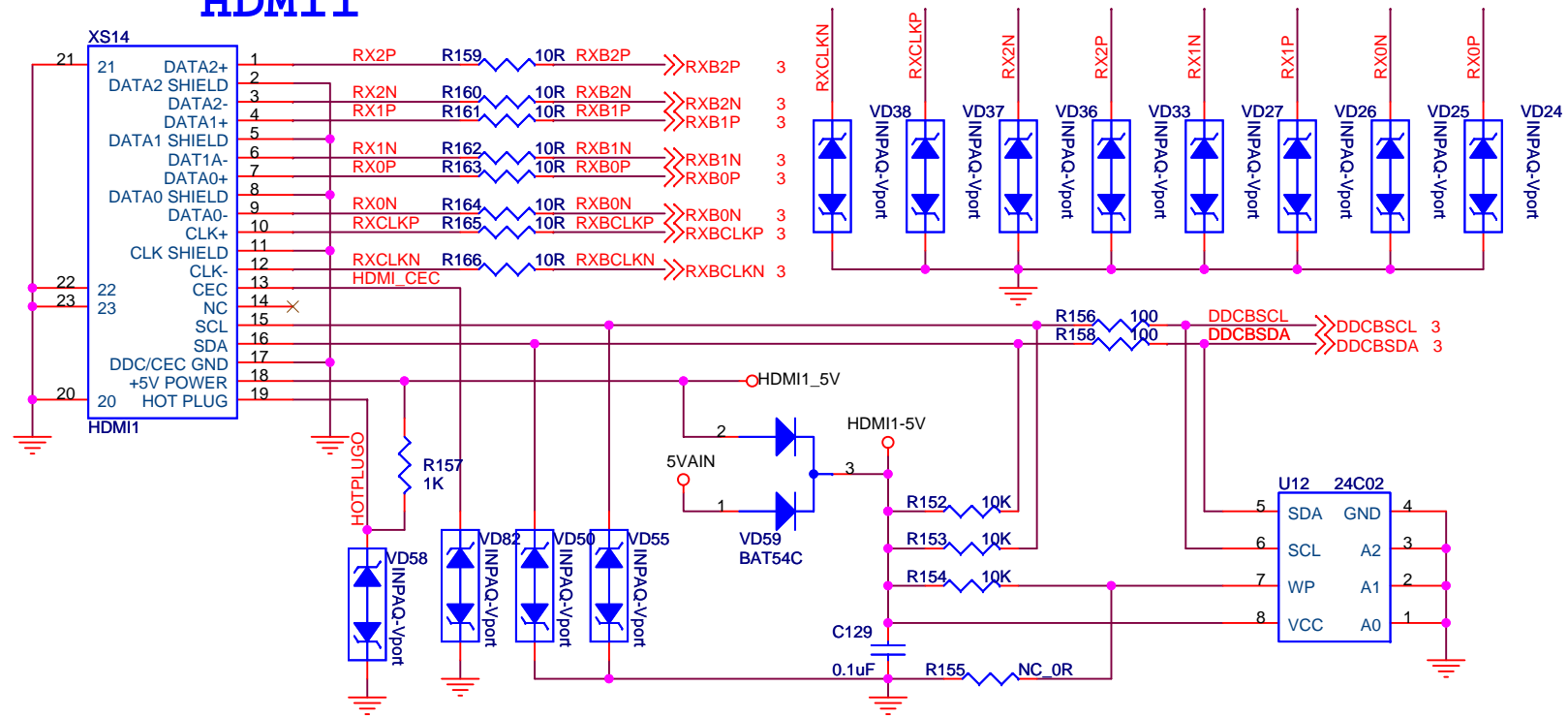


+30V Tune Voltage

Layout Warring !!



HDMI1



YPbPr INPUT

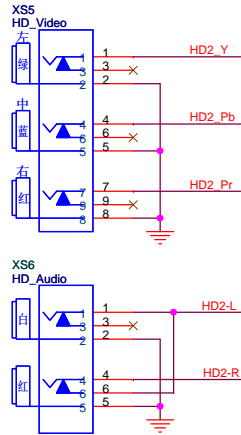
The diagram illustrates the YPbPr input connections for two components, XS5 and XS6, within a blue-bordered frame.

XS5 HD_Video: This section shows three color channels: 左 (Left) for Green (緑), 中 (Middle) for Blue (藍), and 右 (Right) for Red (紅). Each channel has a blue trapezoidal icon with a white triangle. The pins are numbered 1 through 8. The connections are as follows:

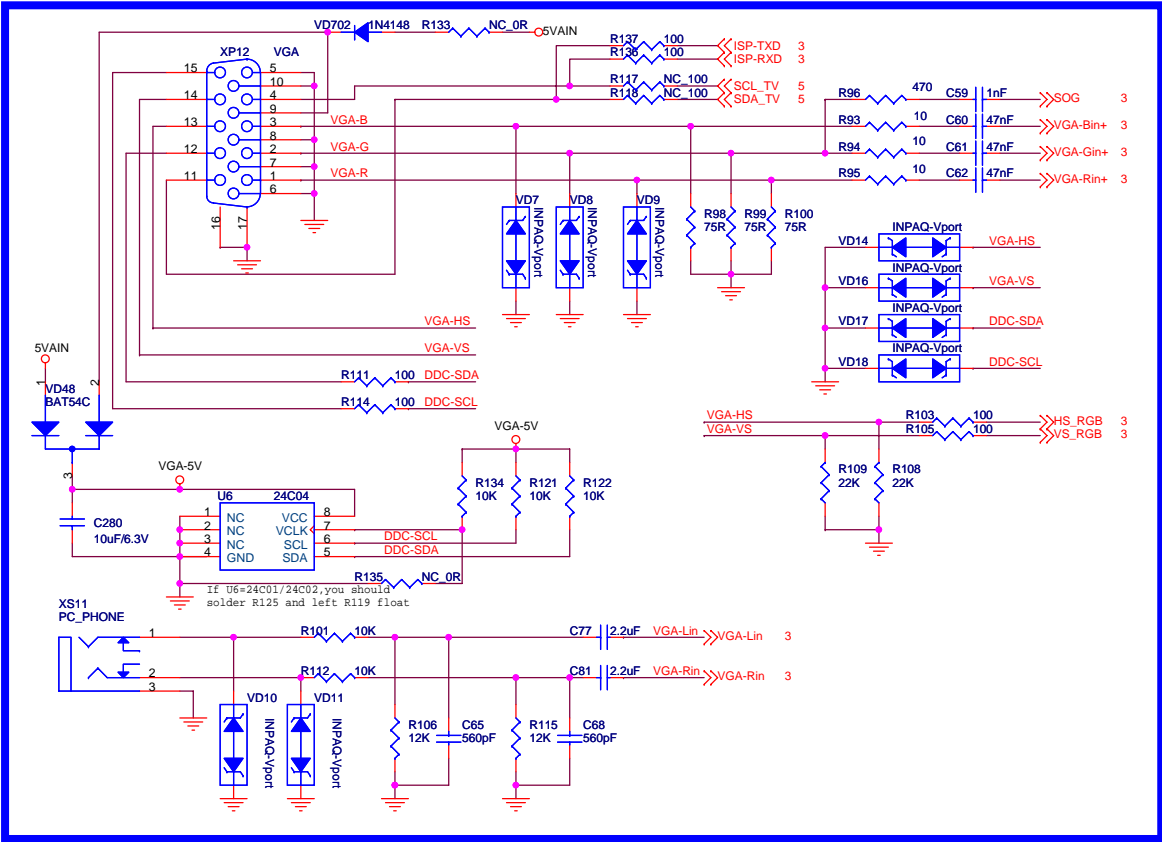
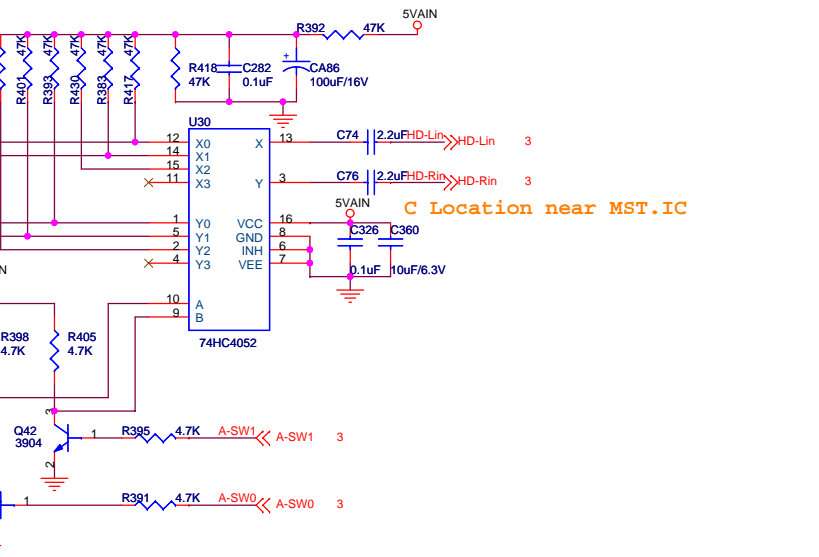
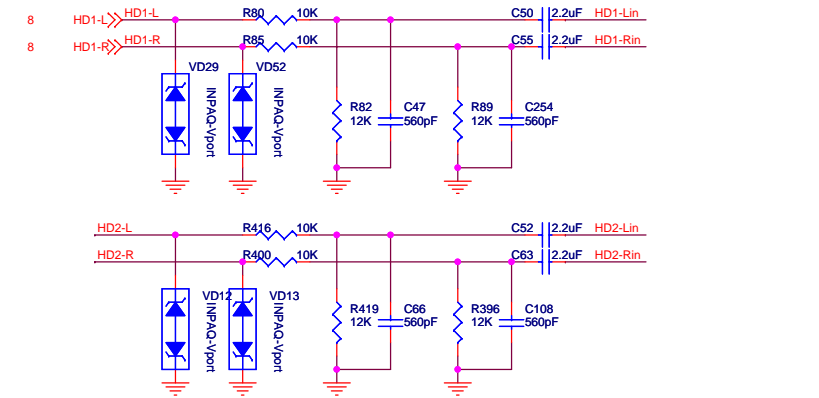
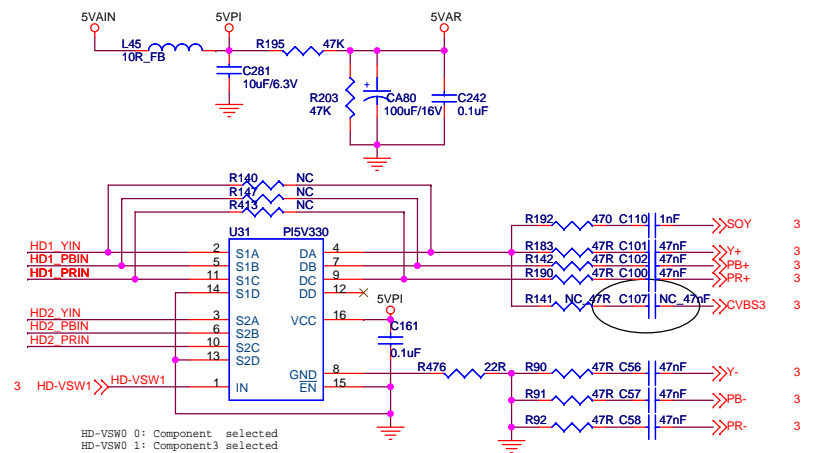
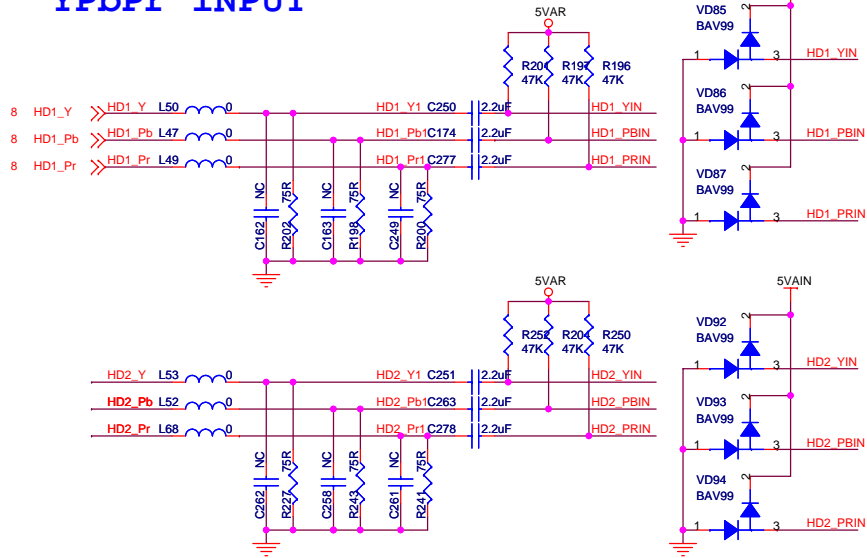
- Green (左):** Pin 1 is connected to HD2_Y. Pin 3 is crossed out. Pin 2 is connected to the Blue channel's pin 4.
- Blue (中):** Pin 4 is connected to HD2_Pb. Pin 6 is crossed out. Pin 5 is connected to the Red channel's pin 7.
- Red (右):** Pin 7 is connected to HD2_Pr. Pin 9 is crossed out. Pin 8 is connected to ground.

XS6 HD_Audio: This section shows two channels: 白 (White) and 紅 (Red). Each channel has a blue trapezoidal icon with a white triangle. The pins are numbered 1 through 5. The connections are as follows:

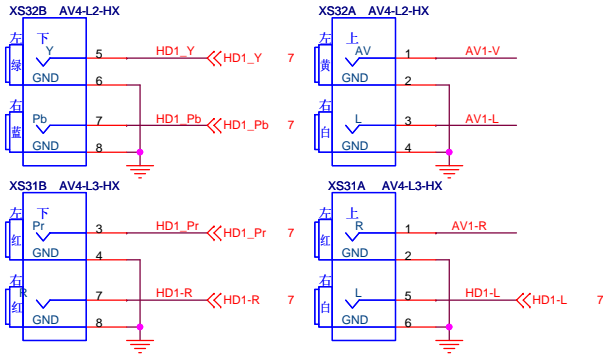
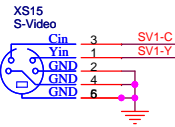
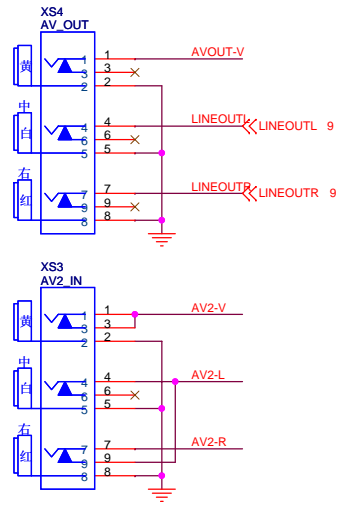
- White (白):** Pin 1 is connected to HD2-L. Pin 3 is crossed out. Pin 2 is connected to the Red channel's pin 4.
- Red (紅):** Pin 4 is connected to HD2-R. Pin 6 is crossed out. Pin 5 is connected to ground.



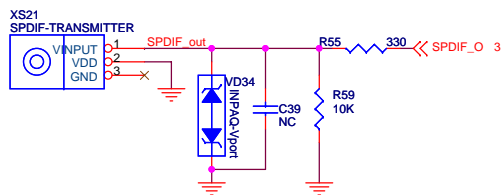
YPbPr INPUT



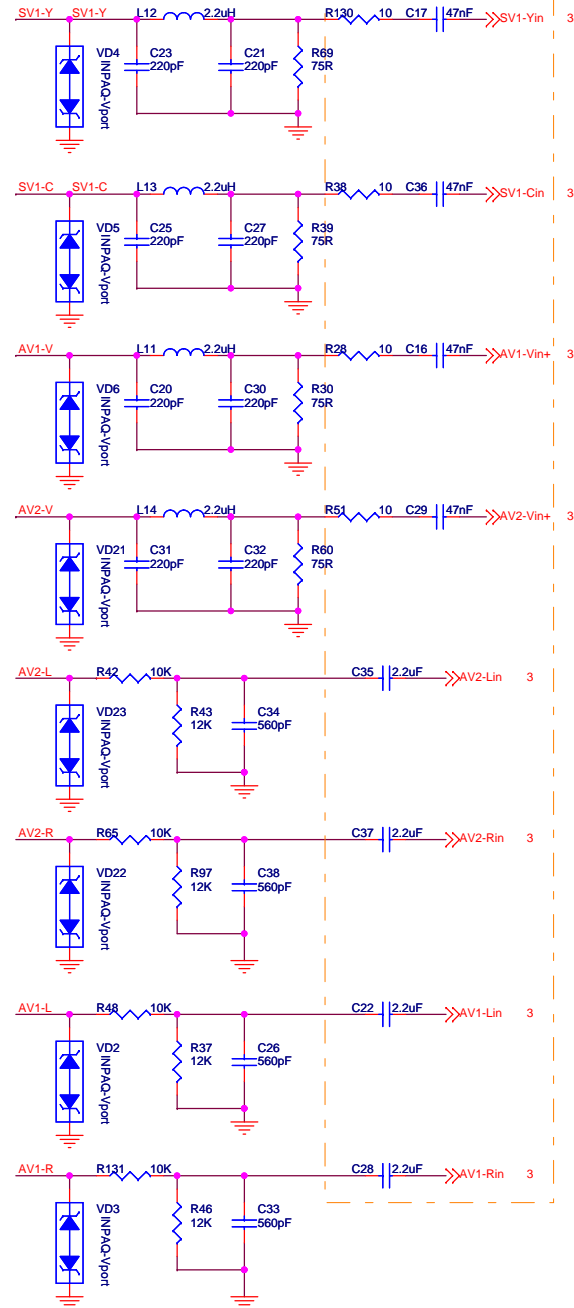
AV INPUT/OUTPUT



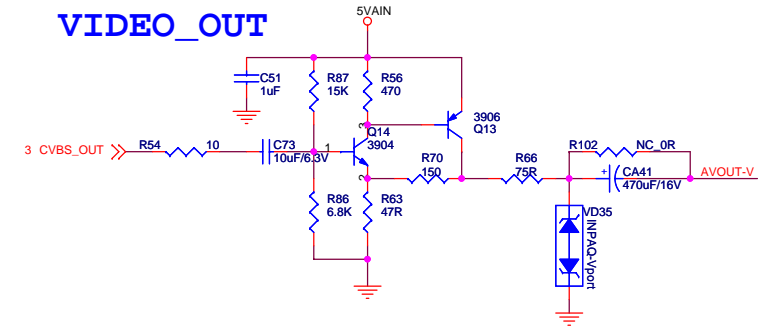
SPDIF_OUT

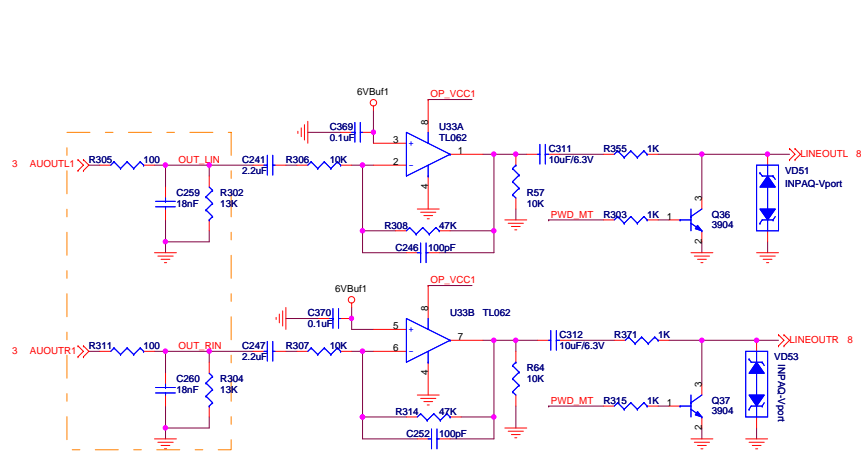
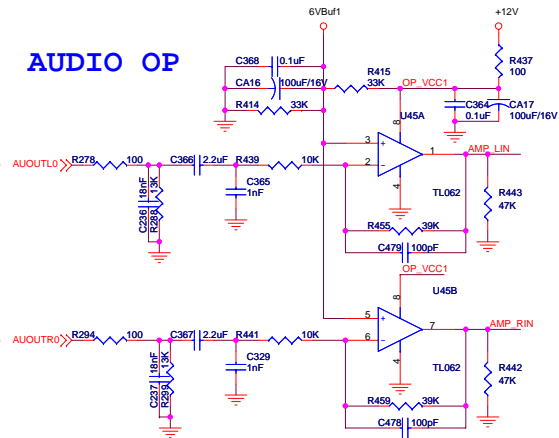
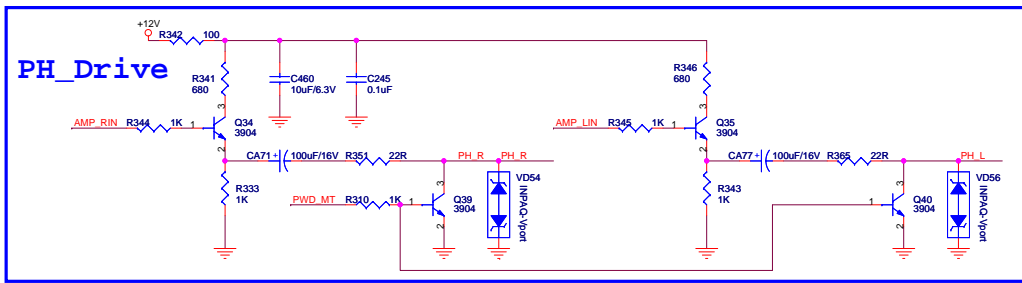
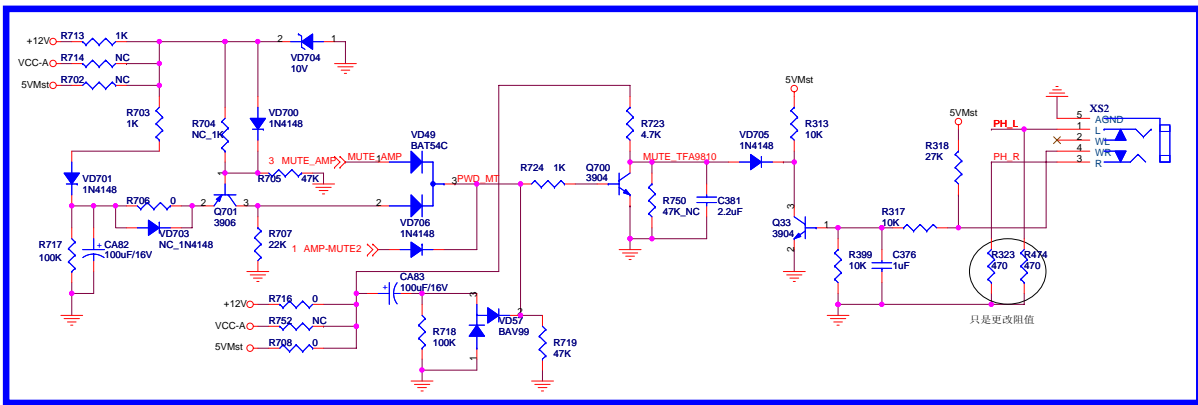


Keep trace width(12mil+)
Keep AGND trace with signal
R:10ohm C:10n Location near MST.IC

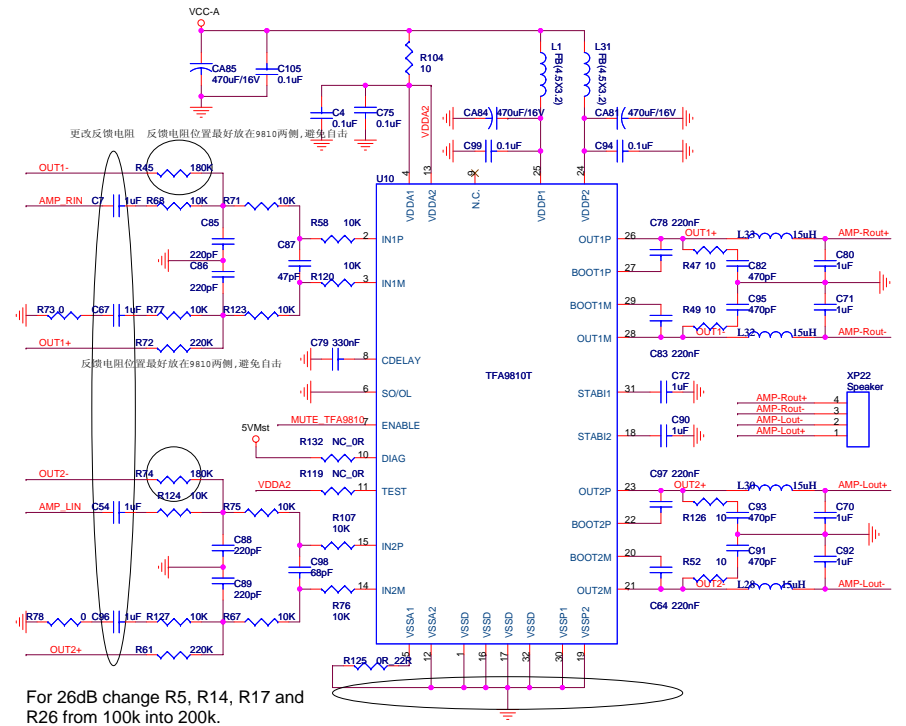


VIDEO_OUT





Near MST.IC
Ground in the middle of the L/R



For 26dB change R5, R14, R17 and R26 from 100k into 200k.
* = R35 and R36 need to have the same value as the output impedance of the signal source.

