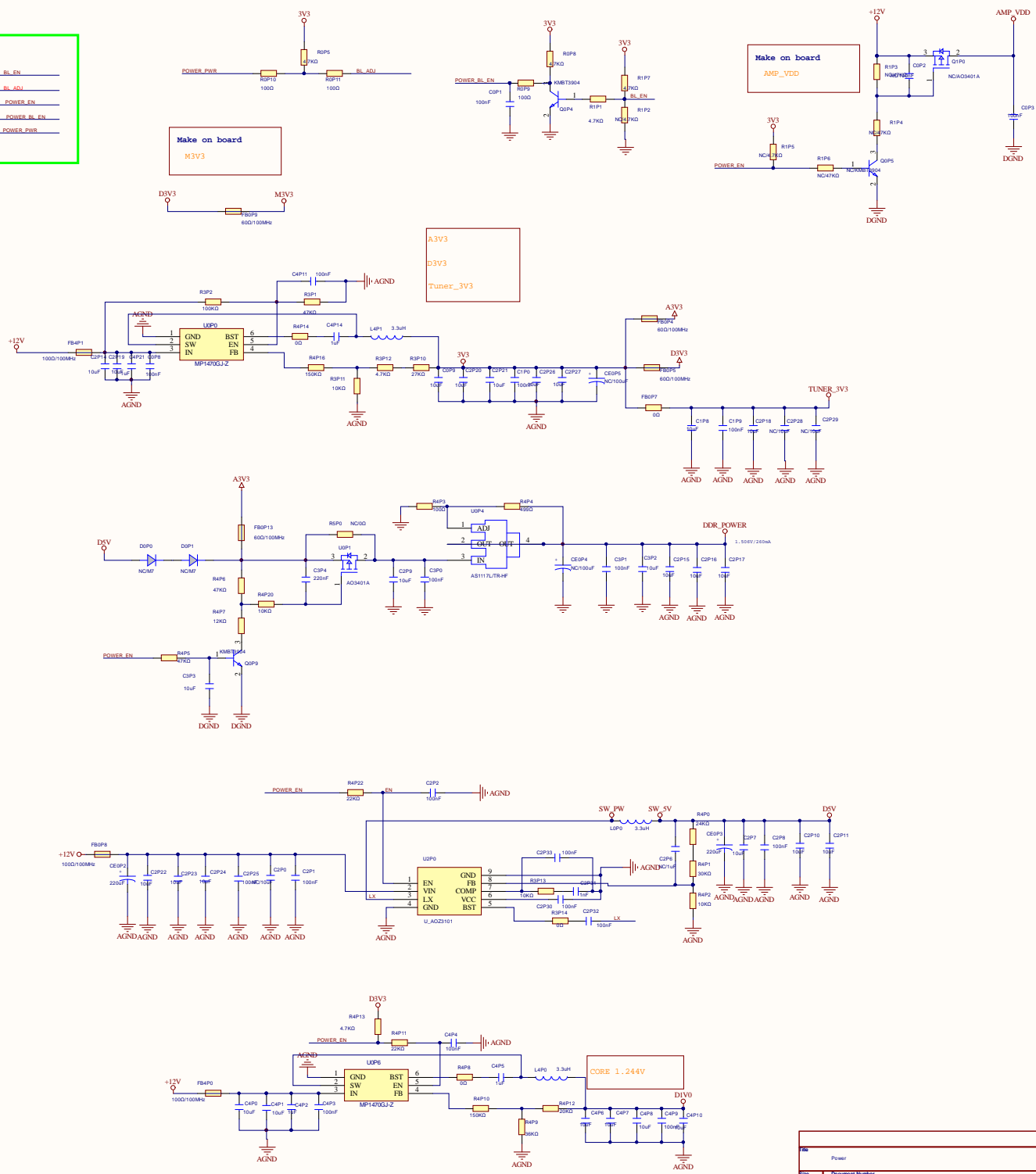


BL\_EN << BL\_EN  
 BL\_ADJ << BL\_ADJ  
 POWER\_EN << POWER\_EN  
 (12) BL\_ONOFF << POWER\_BLEN  
 (14) BL\_ADJUST << POWER\_PWR

Make on board  
M3V3

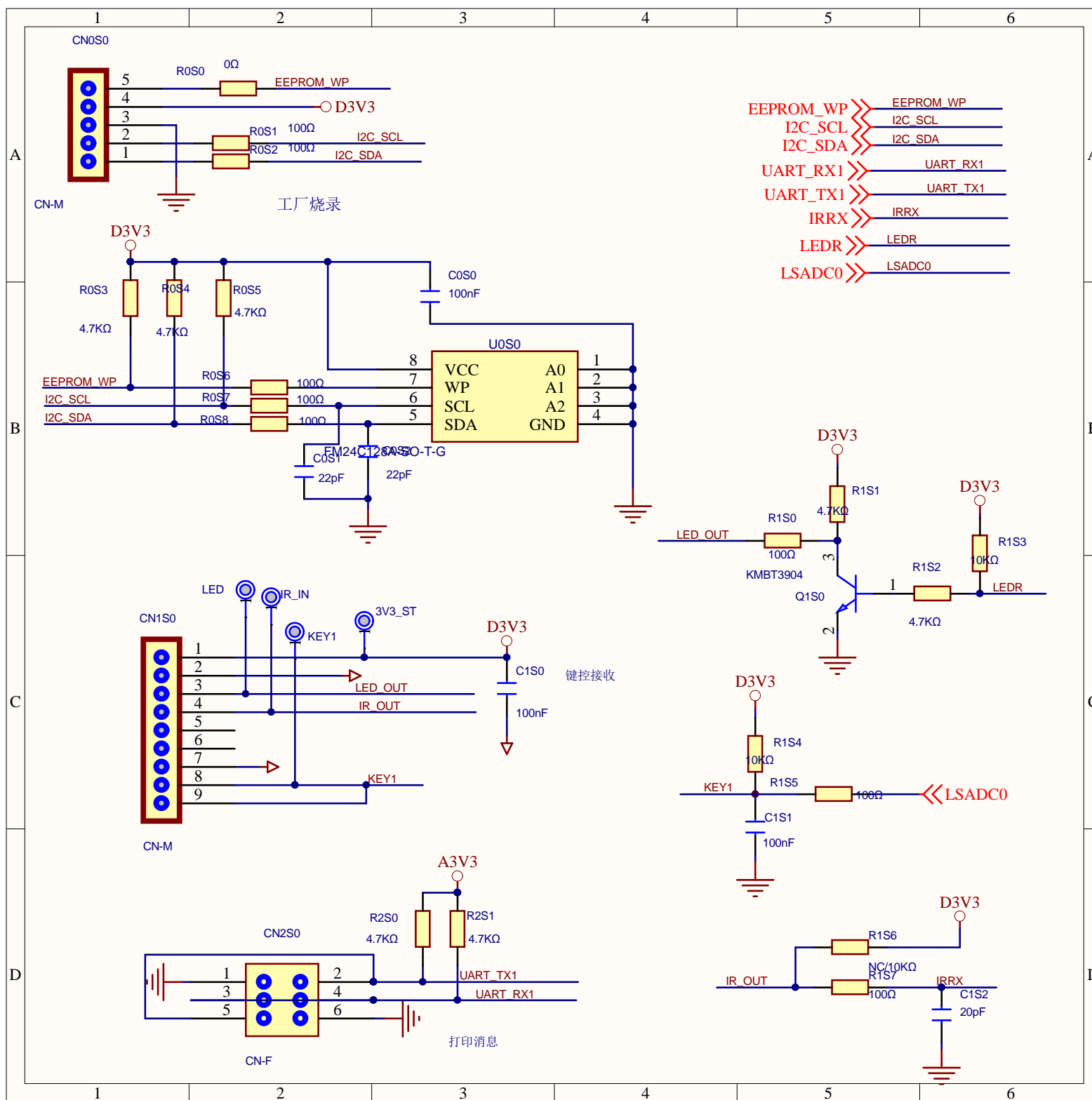
Make on board  
AMP\_VDD

A3V3  
D3V3  
Tuner\_3V3

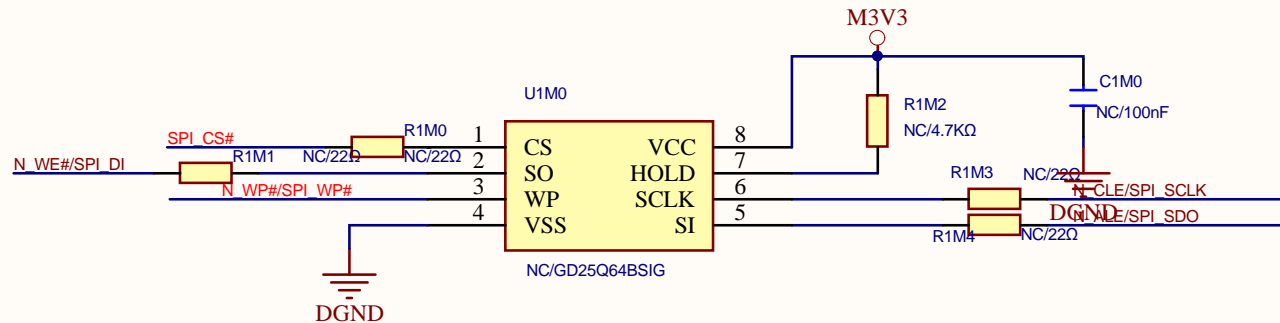
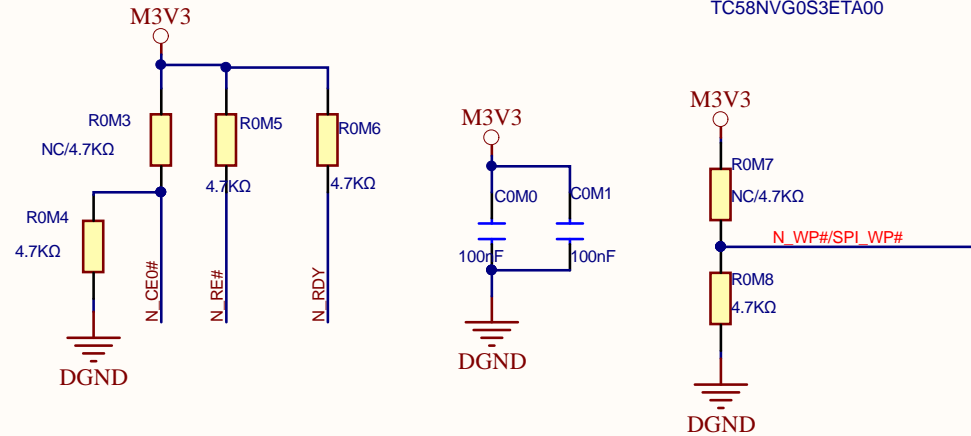
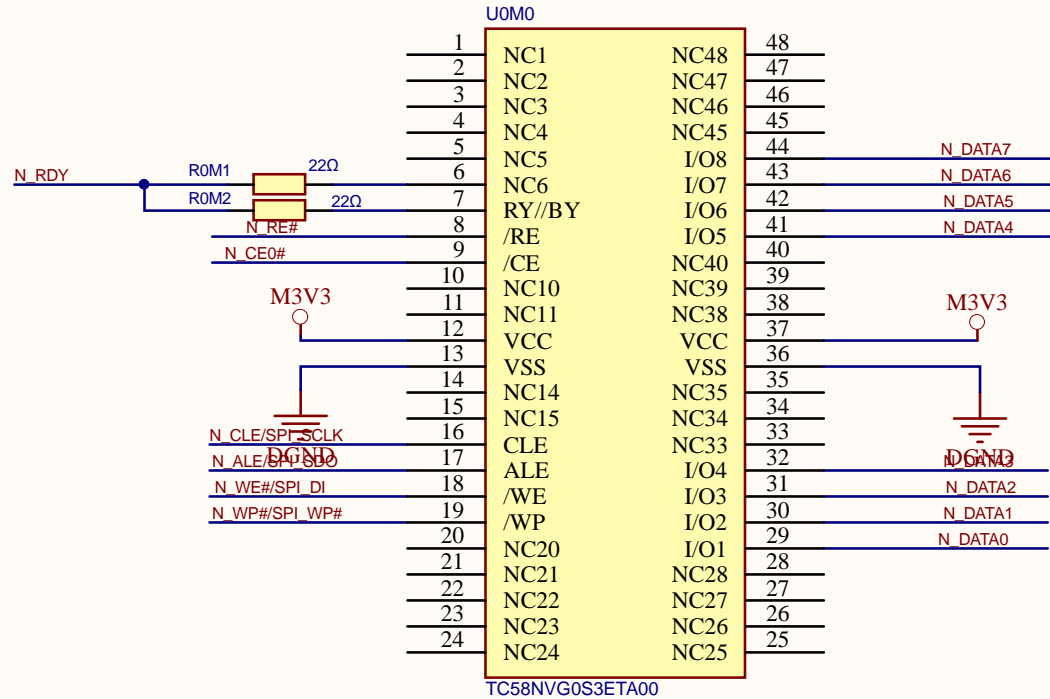
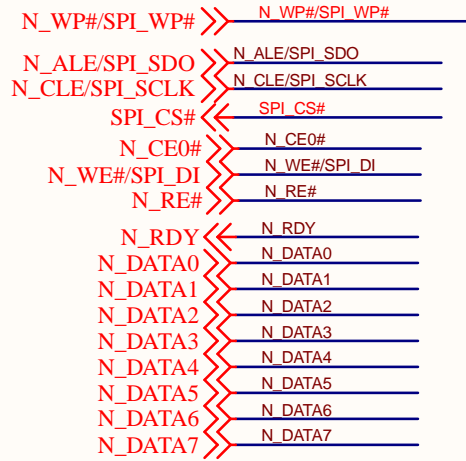


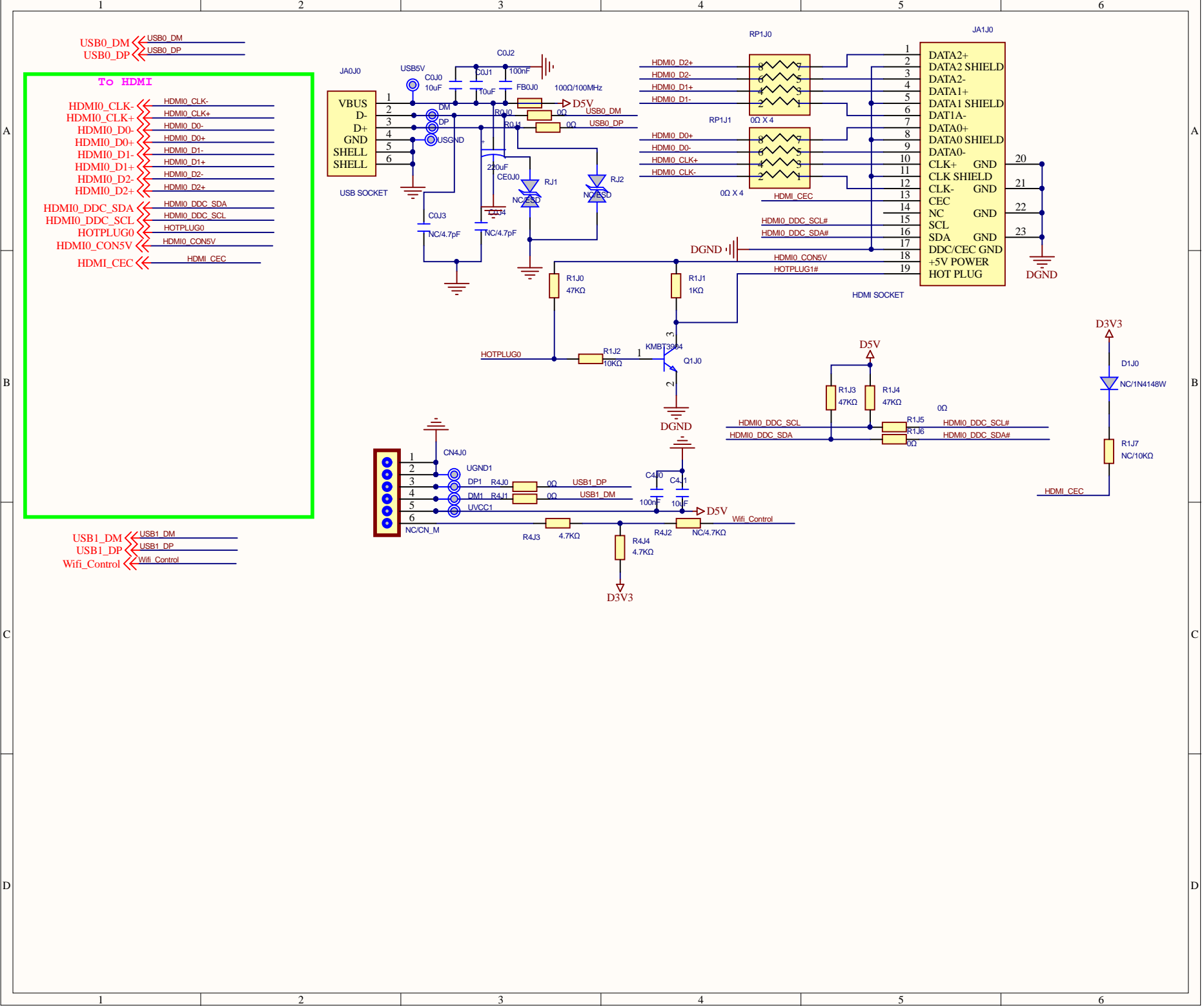
Rev	Power	
Rev	Document Number	
A		1.0





From Main Chip





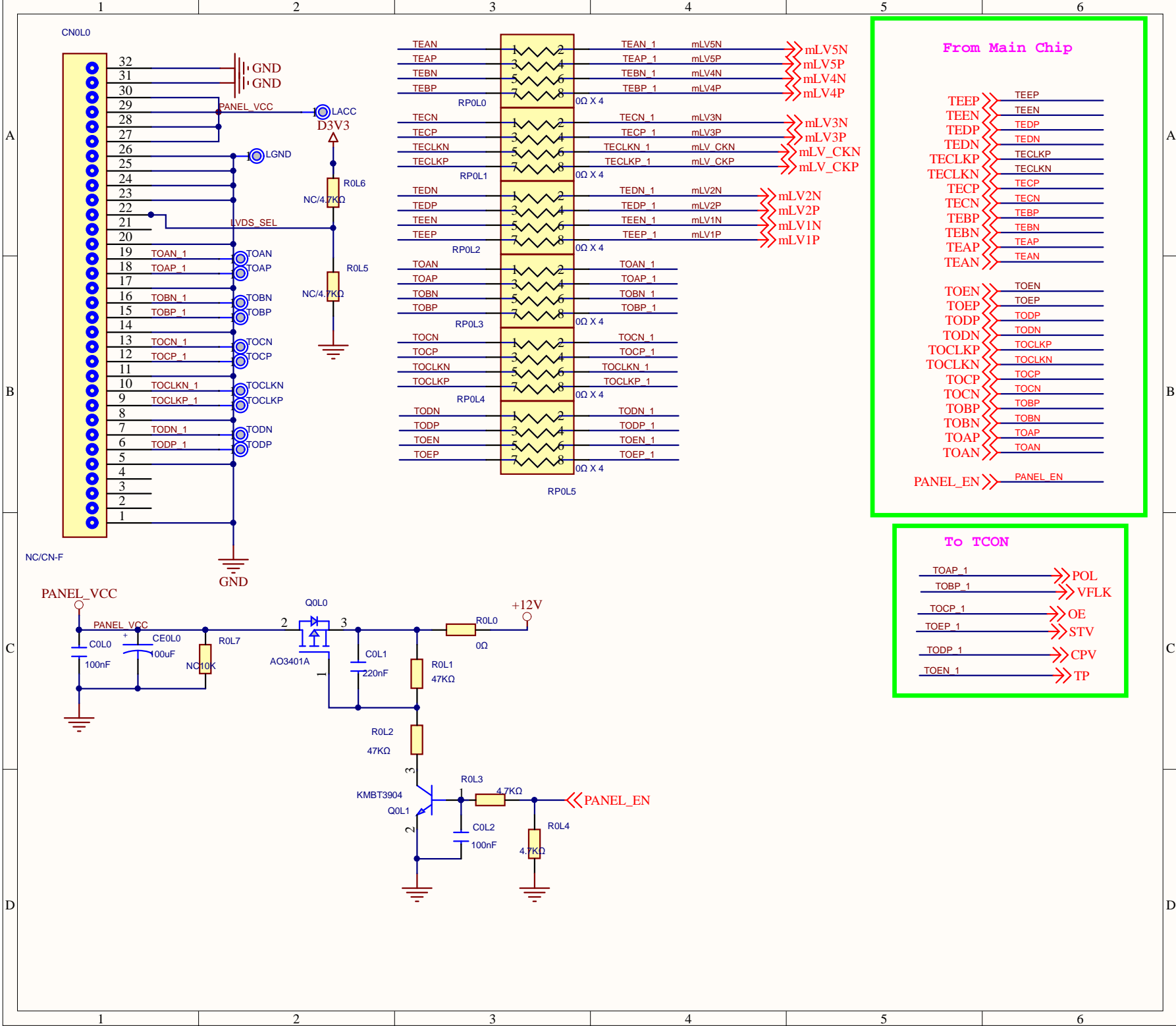
**USB0\_DM** <-> USB0\_DM  
**USB0\_DP** <-> USB0\_DP

**To HDMI**

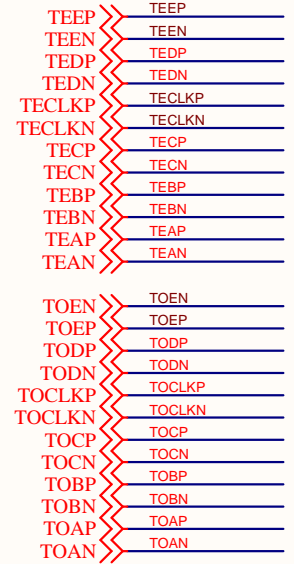
**HDMI0\_CLK-** <-> HDMI0\_CLK-  
**HDMI0\_CLK+** <-> HDMI0\_CLK+  
**HDMI0\_D0-** <-> HDMI0\_D0-  
**HDMI0\_D0+** <-> HDMI0\_D0+  
**HDMI0\_D1-** <-> HDMI0\_D1-  
**HDMI0\_D1+** <-> HDMI0\_D1+  
**HDMI0\_D2-** <-> HDMI0\_D2-  
**HDMI0\_D2+** <-> HDMI0\_D2+

**HDMI0\_DDC\_SDA** <-> HDMI0\_DDC\_SDA  
**HDMI0\_DDC\_SCL** <-> HDMI0\_DDC\_SCL  
**HOTPLUG0** <-> HOTPLUG0  
**HDMI0\_CON5V** <-> HDMI0\_CON5V  
**HDMI\_CEC** <-> HDMI\_CEC

**USB1\_DM** <-> USB1\_DM  
**USB1\_DP** <-> USB1\_DP  
**Wifi\_Control** <-> Wifi\_Control

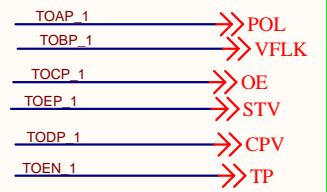


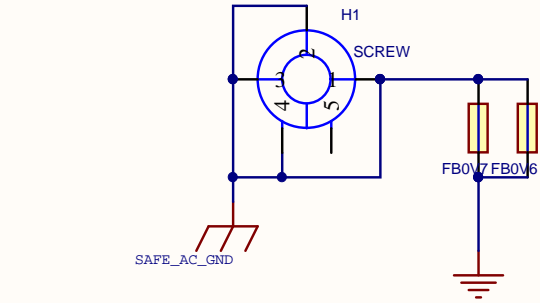
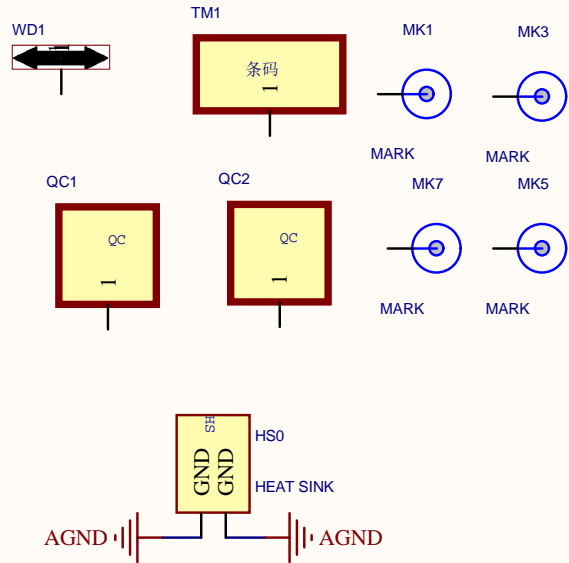
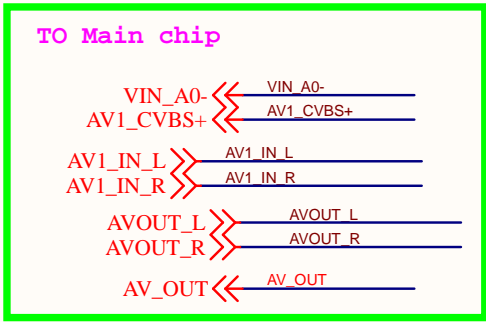
From Main Chip



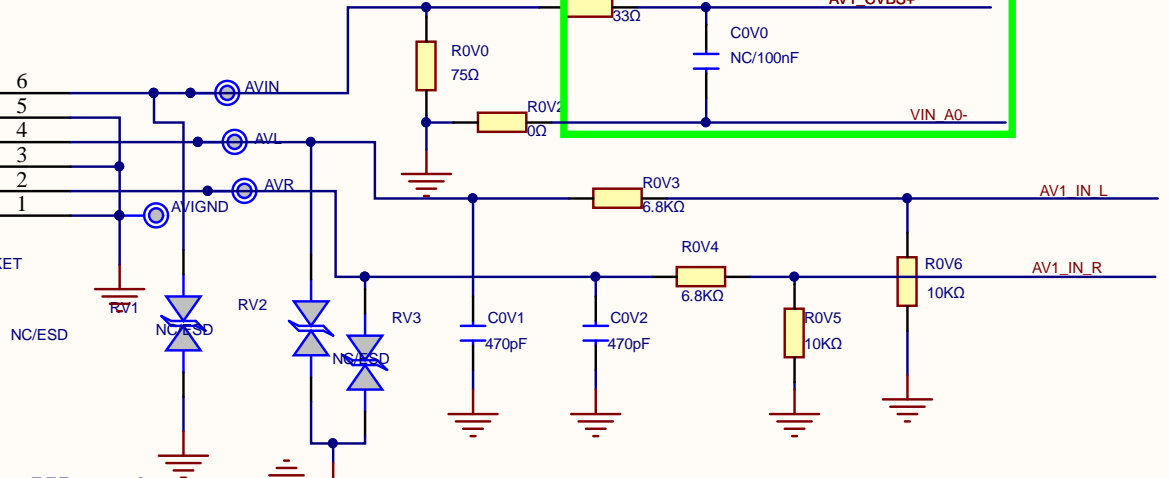
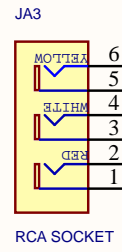
PANEL\_EN >>> PANEL\_EN

To TCON

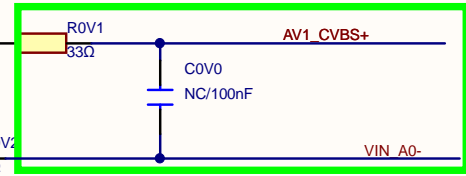




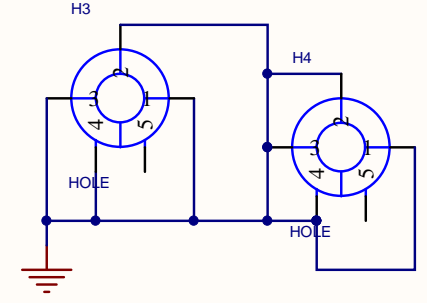
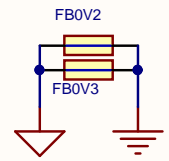
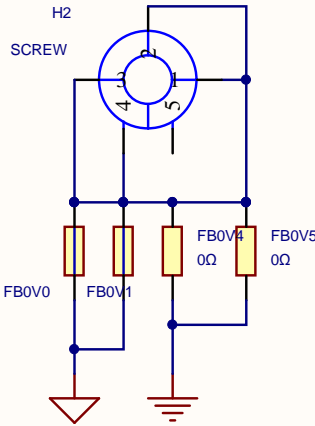
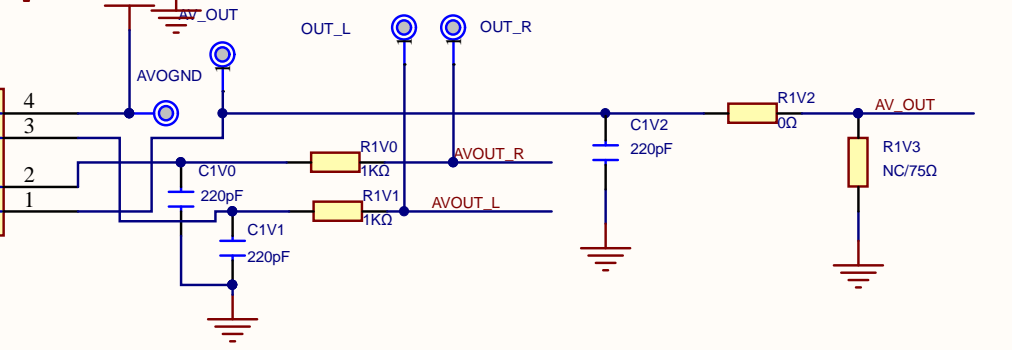
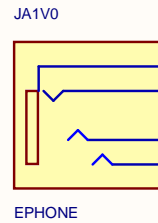
**AV-in**

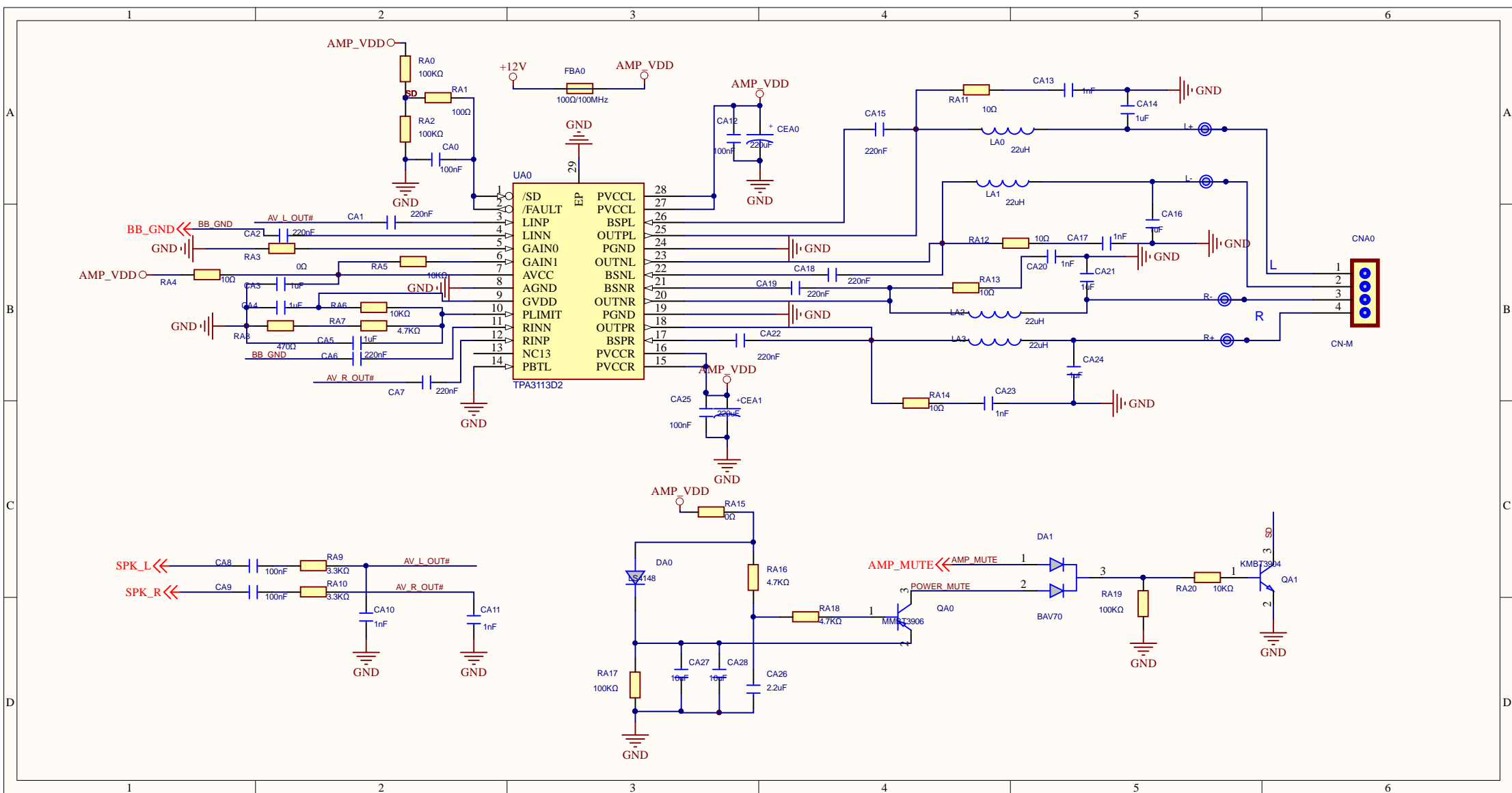


**Close to Main Chip**



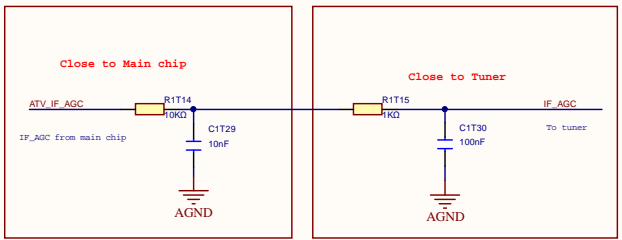
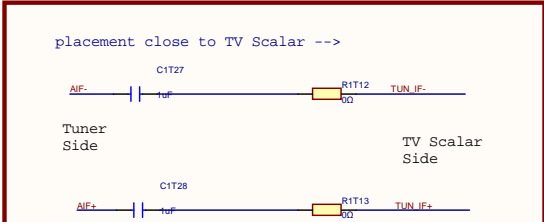
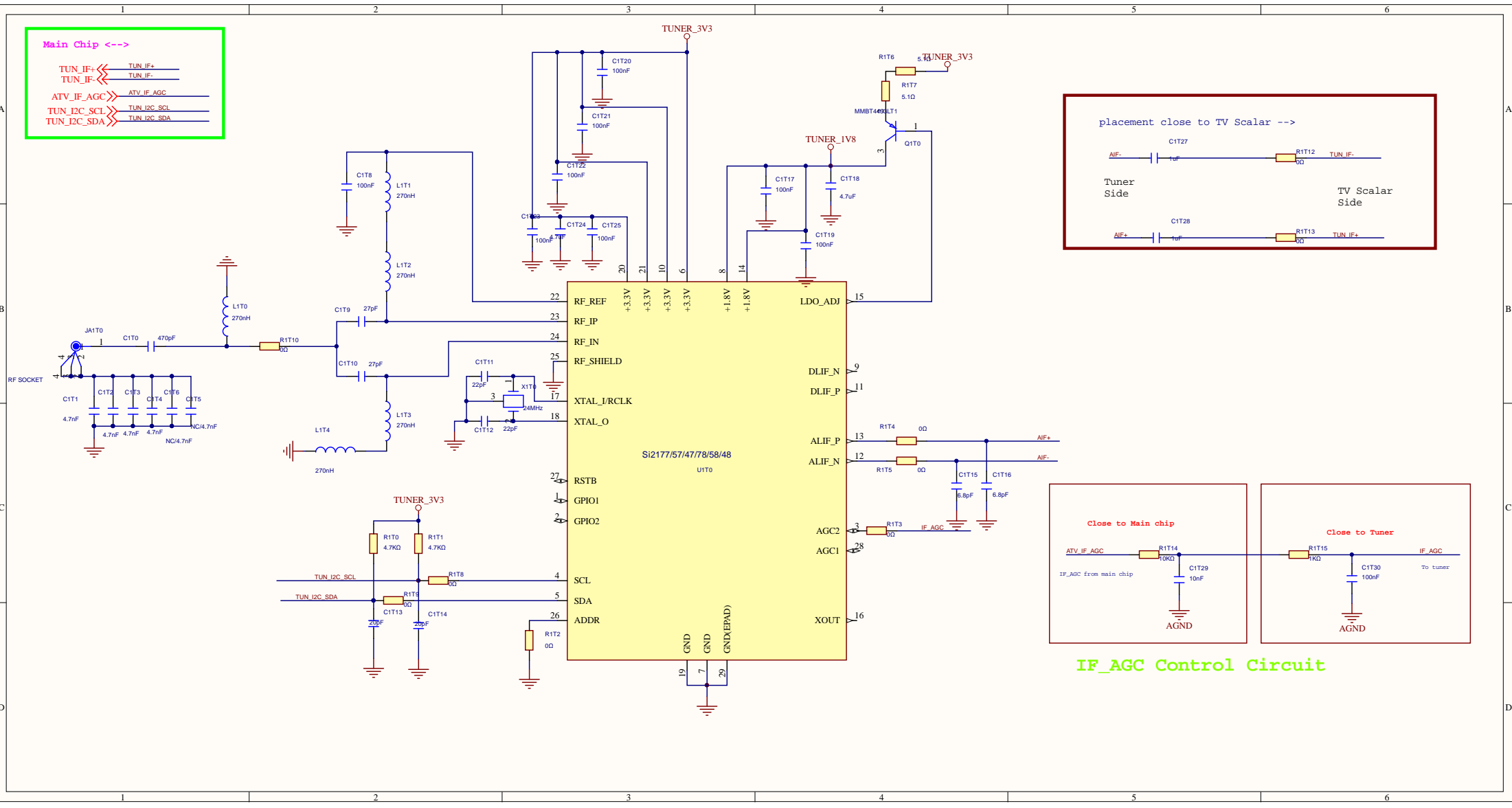
**AV-out**



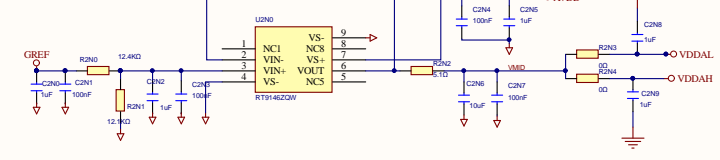
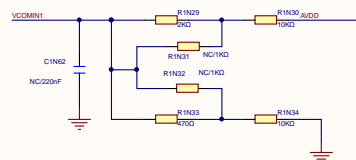
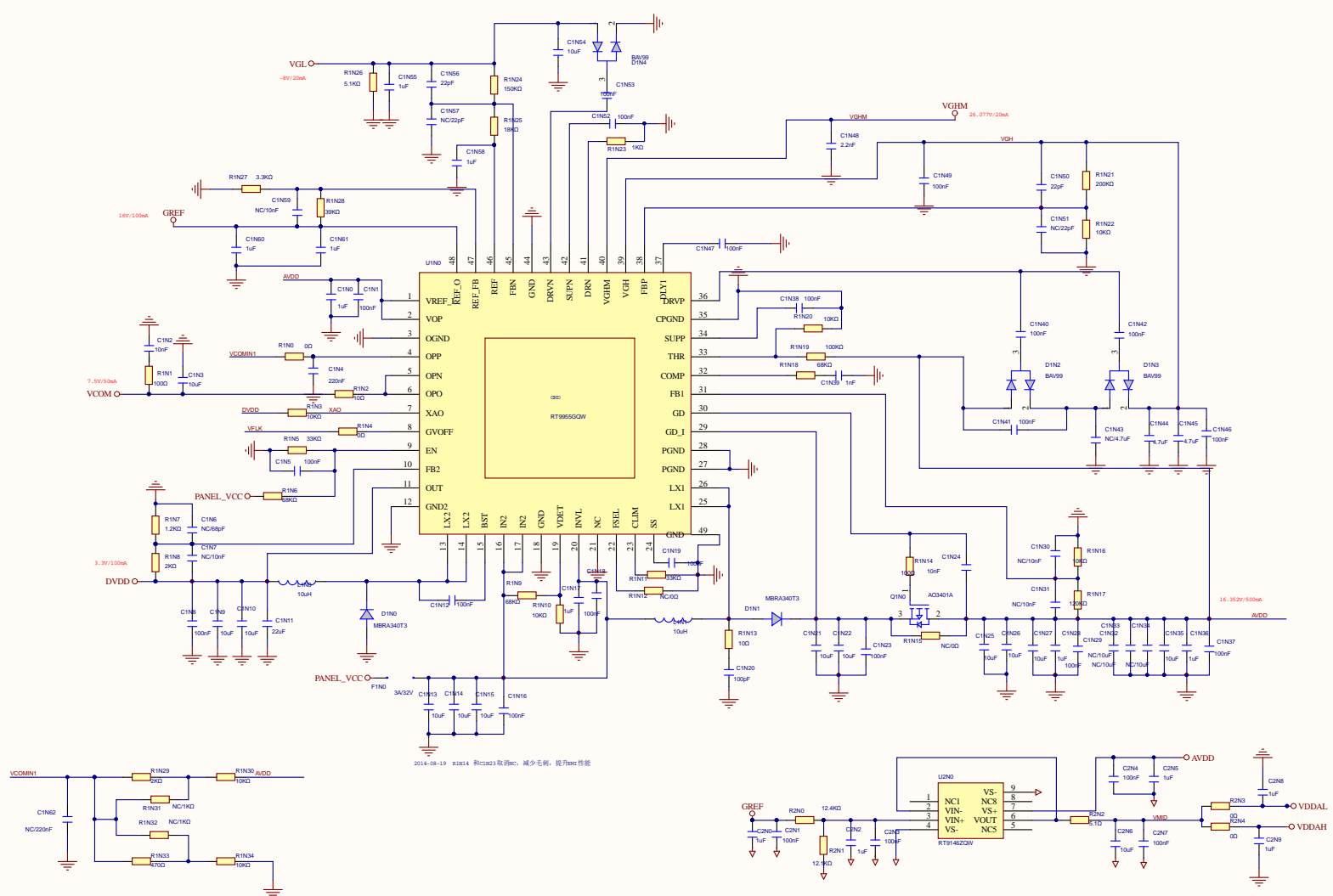
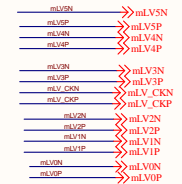
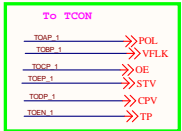
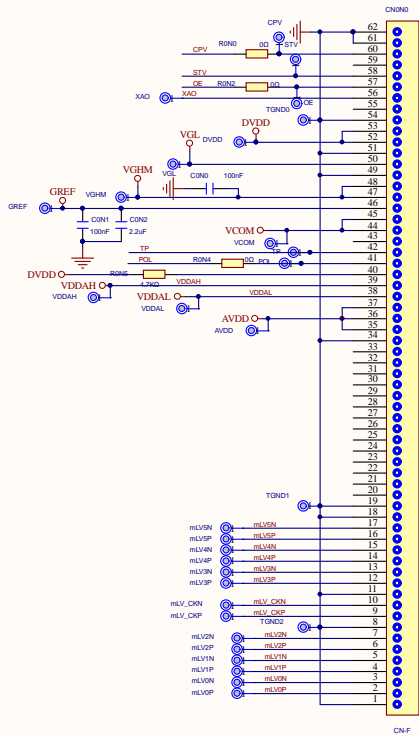


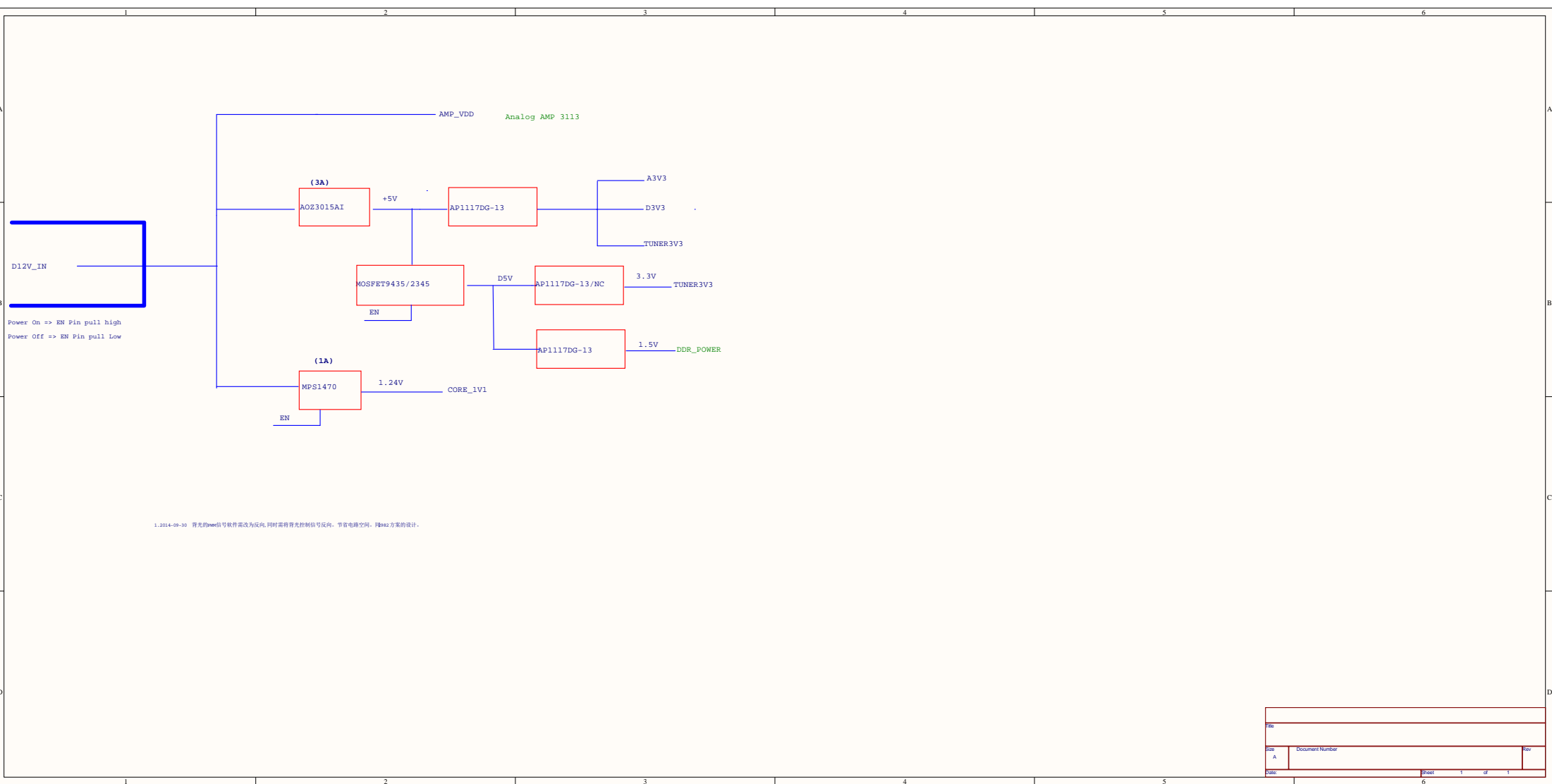
**Main Chip <-->**

TUN\_IF+ <--> TUN\_IF+  
 TUN\_IF- <--> TUN\_IF-  
 ATV\_IF\_AGC <--> ATV\_IF\_AGC  
 TUN\_I2C\_SCL <--> TUN\_I2C\_SCL  
 TUN\_I2C\_SDA <--> TUN\_I2C\_SDA



**IF\_AGC Control Circuit**

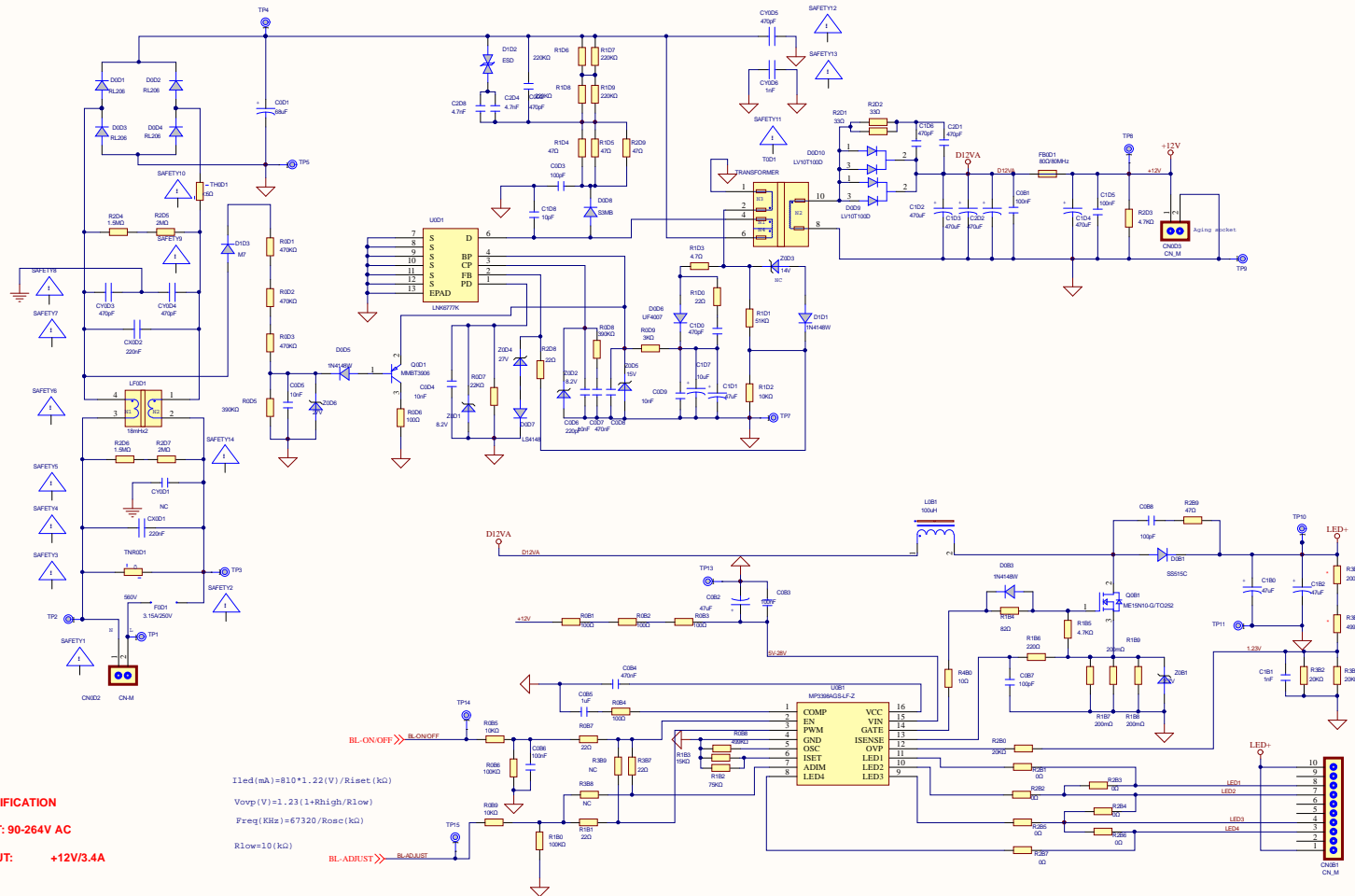




Power On => EN Pin pull high  
 Power Off => EN Pin pull Low

1. 2014-09-30 背光(pwm)信号软件需改为反向, 同时需将背光控制信号反向, 节省电路空间, 同982方案的设计.

Title		
Doc		
Doc	Document Number	Rev
Date	Sheet 1 of 1	



**SPECIFICATION**  
**INPUT: 90-264V AC**  
**OUTPUT: +12V/3.4A**

$$I_{led}(mA) = 810 \cdot 1.22(V) / R_{iset}(k\Omega)$$

$$V_{ovp}(V) = 1.23(1 + R_{high} / R_{low})$$

$$Freq(KHz) = 67320 / R_{osc}(k\Omega)$$

$$R_{low} = 10(k\Omega)$$

BL-ON/OFF >>> BL-ON/OFF  
 BL-ADJUST >>> BL-ADJUST

REV		
REV	Document Number	REV
A		

