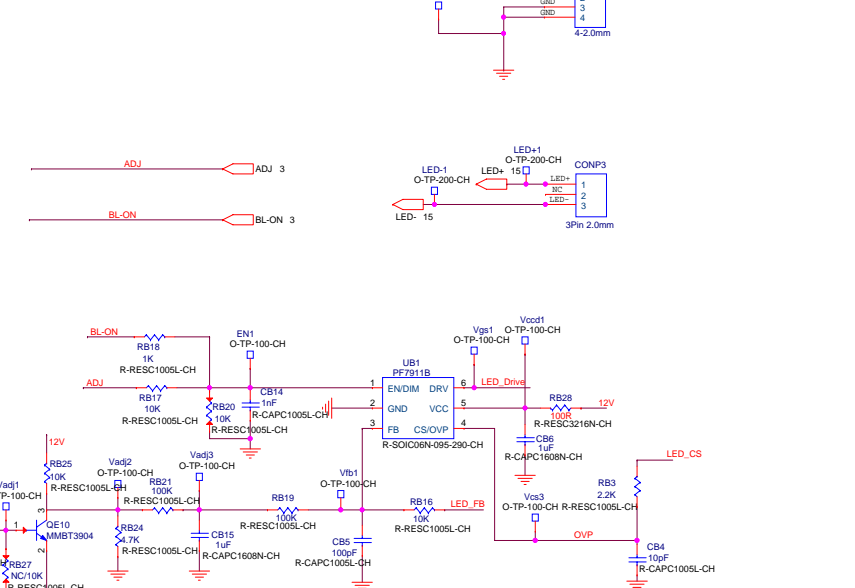
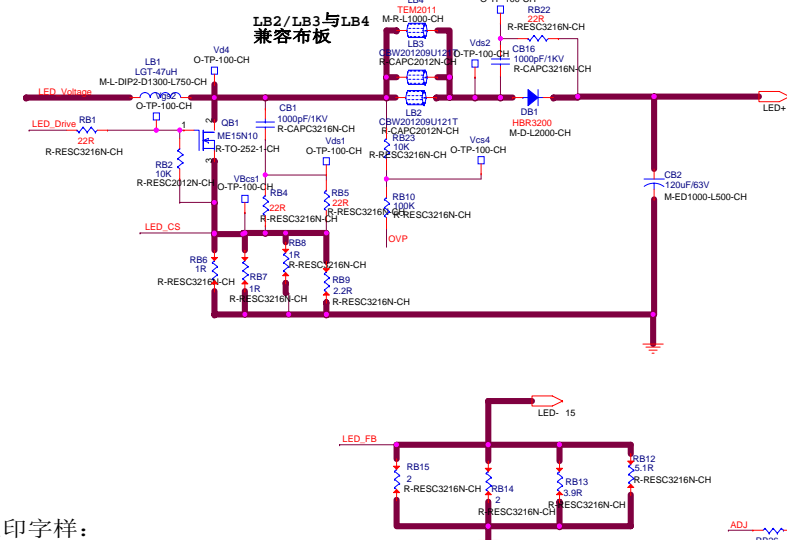
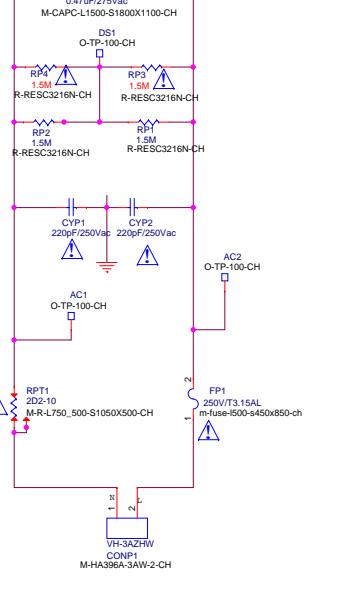
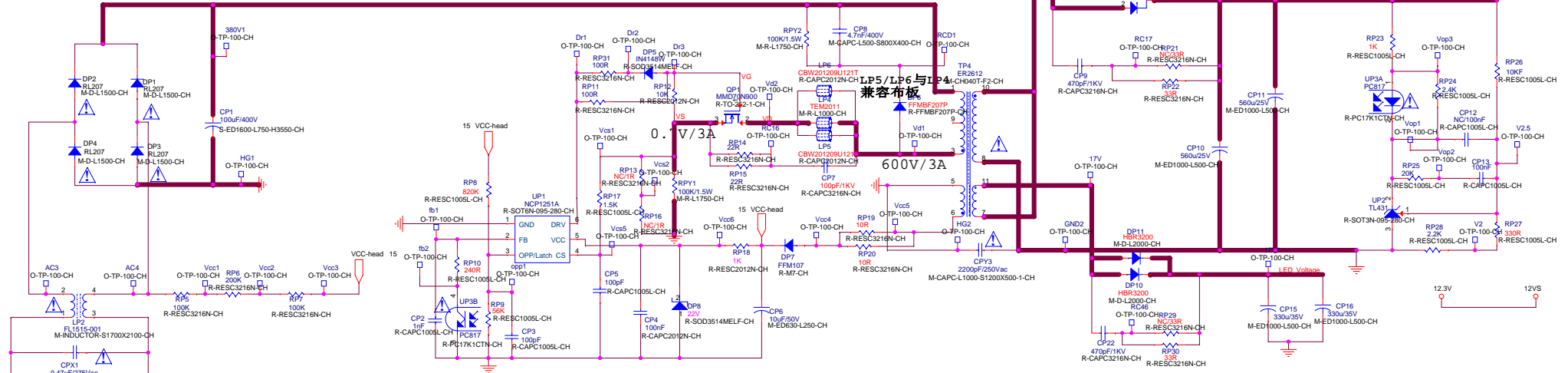
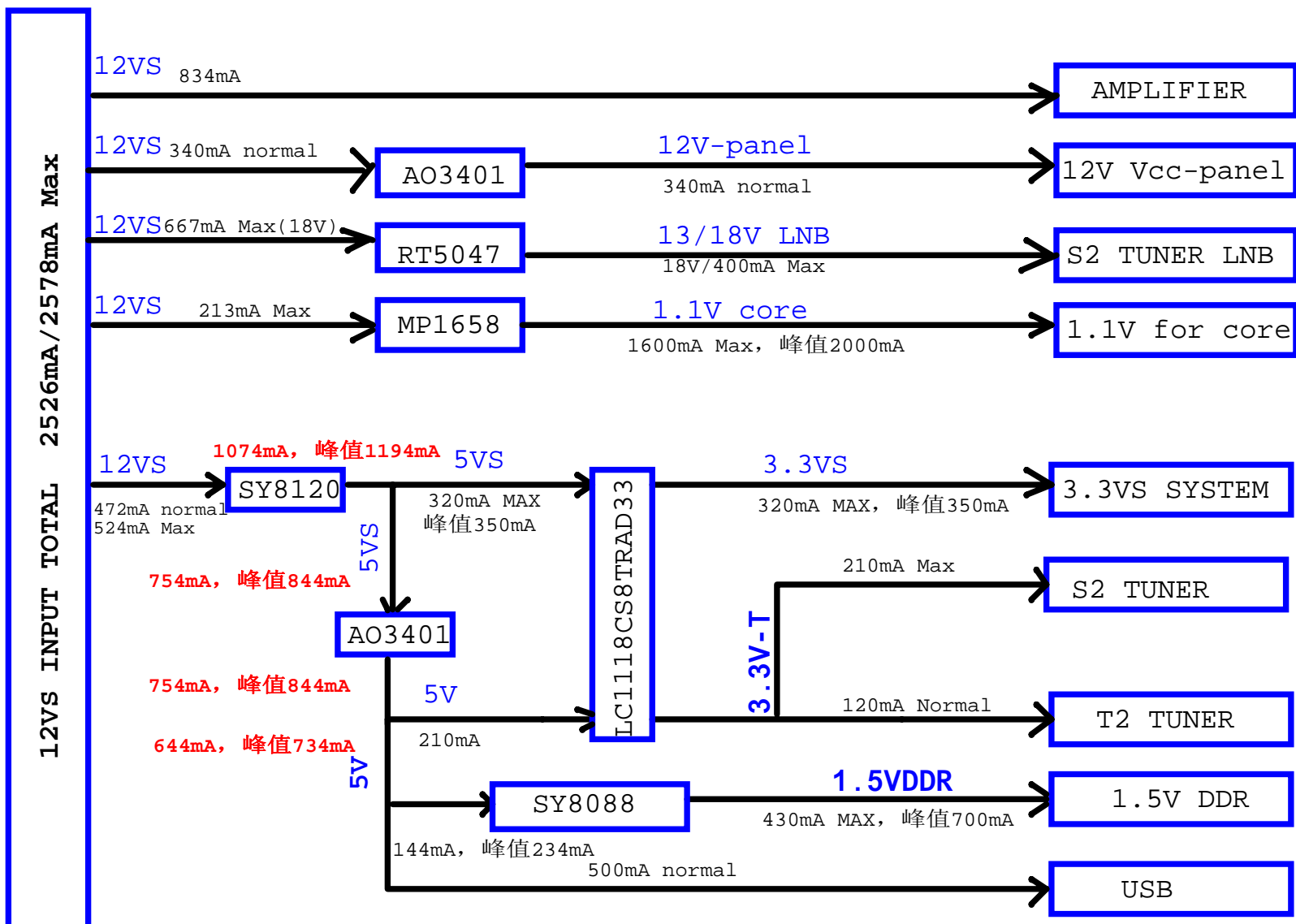


380V/0.2A



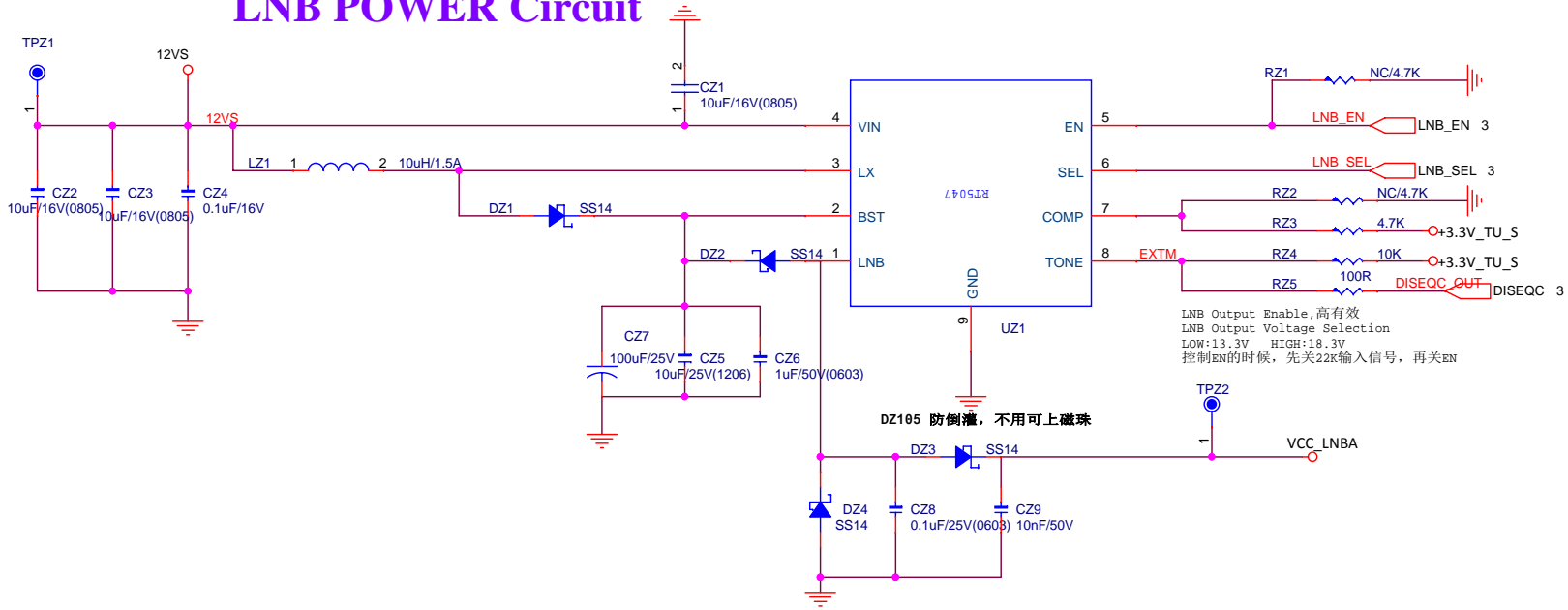
丝印字样:
 INPUT: ~100V-240V Max1.5A
 50Hz/60Hz
 OUTPUT:
 32E2000:12V/2.5A 45V/450mA

CHANGHONG 长虹		MSD3663LSA	
Schematic Name		POWER	Rev VER1.0
Size	Sheet	Date:	
Custom	0 of 15	Sunday, July 02, 2017	

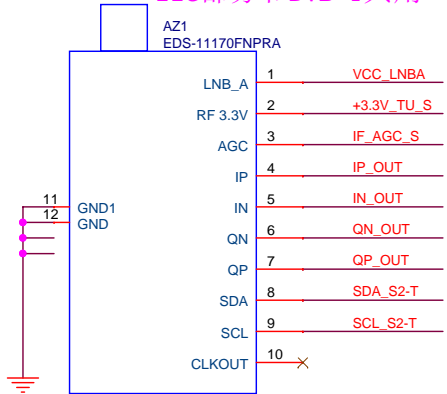


CHANGHONG 长虹		MSD3663LSA	
Schematic Name		<i>Power Tree</i>	Rev <i>VER1.0</i>
Size	Sheet <i>0 of 15</i>	Date:	Sunday, July 02, 2017

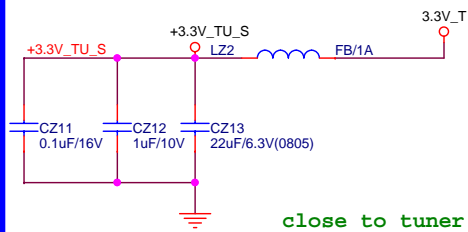
LNB POWER Circuit



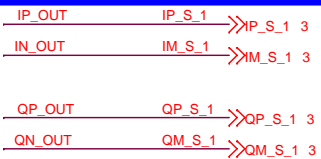
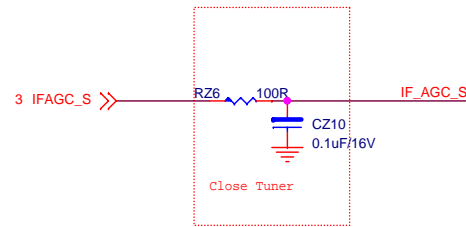
INCAN TUNER IIC部分和DVB-T共用



Tuner Power



AGC CONTROL Circuit



注意: I、Q包地, 不要打过孔

I/Q IF

CHANGHONG 长虹

MSD3663LSA

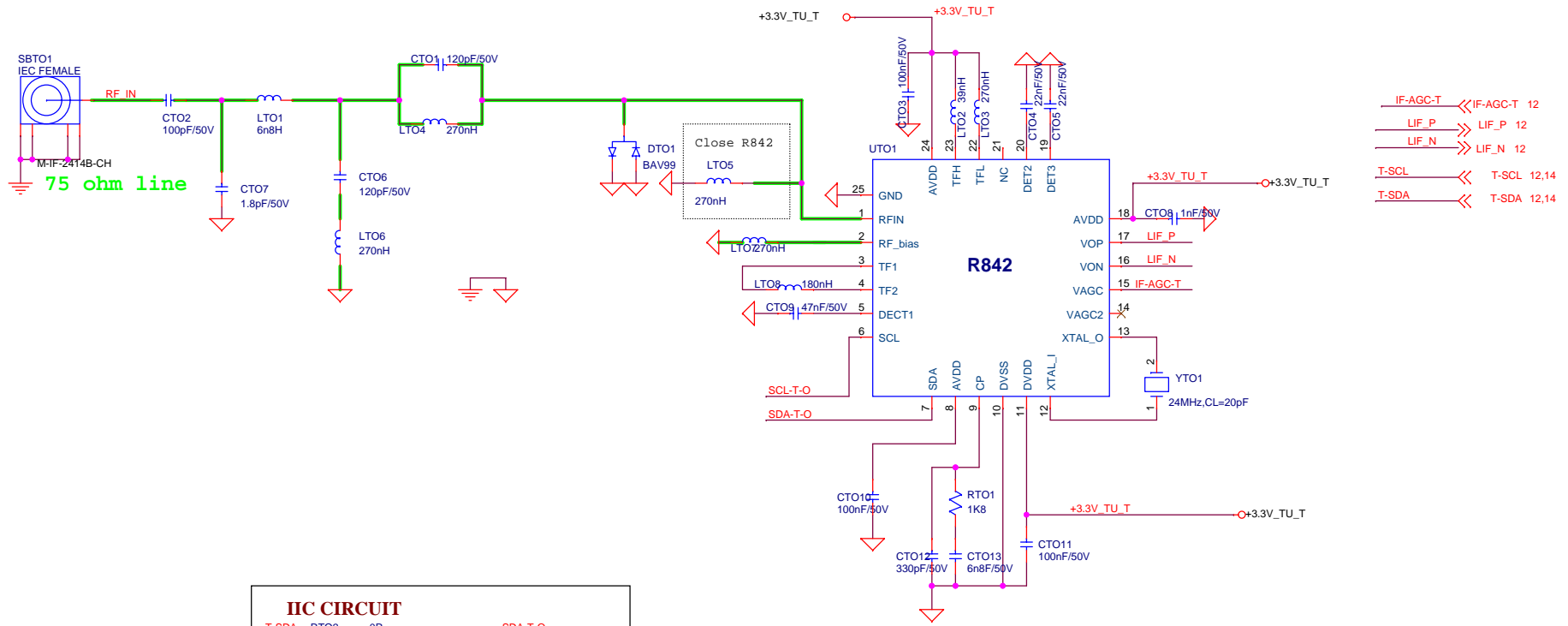
Schematic Name S2 Tuner

Rev VER1.0

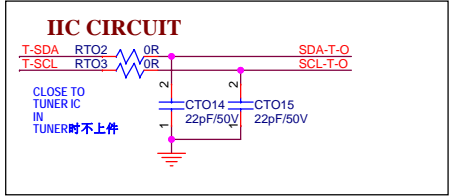
Size Custom

Sheet 1 of 15

Date: Sunday, July 02, 2017



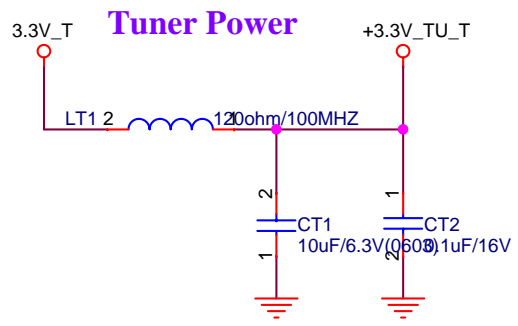
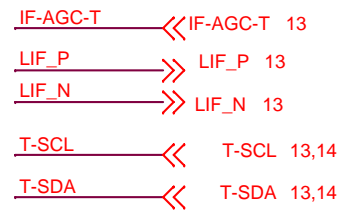
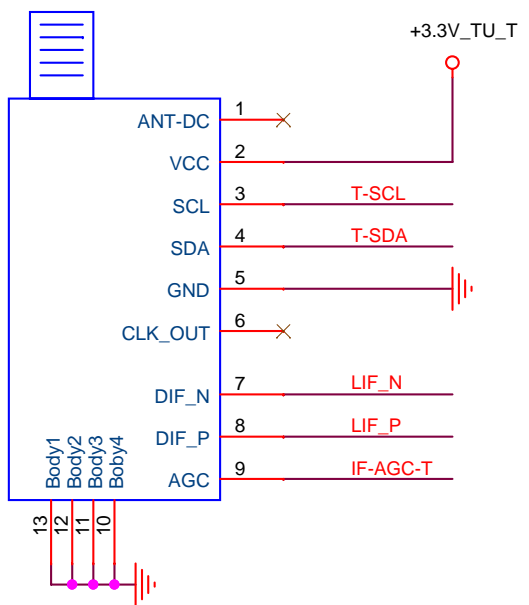
- IF-AGC-T << IF-AGC-T 12
- LIF_P >> LIF_P 12
- LIF_N >> LIF_N 12
- T-SCL << T-SCL 12,14
- T-SDA << T-SDA 12,14



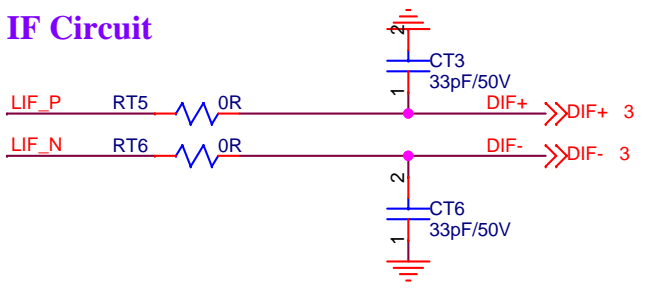
CHANGHONG 长虹		MSD3663LSA	
Schematic Name		Rev	
<i>T2+T+C Tuner ONBOARD</i>		<i>VER1.0</i>	
Size	Sheet	Date:	
Custom	<i>1 of 15</i>	Sunday, July 02, 2017	

AT1
MXL661

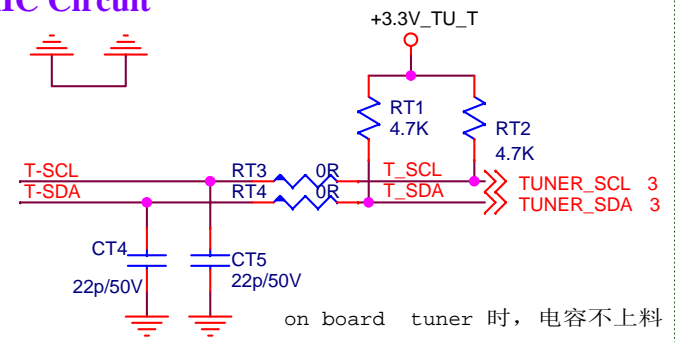
INCAN TUNER



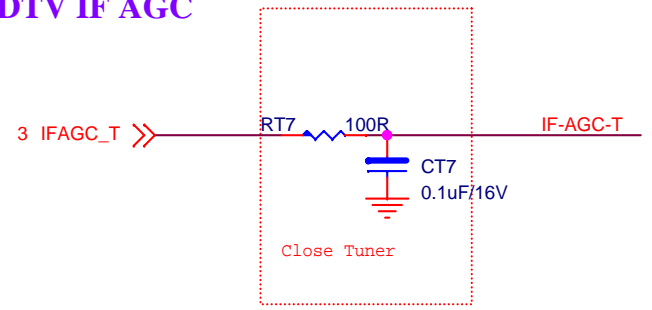
IF Circuit



IIC Circuit



DTV IF AGC



CHANGHONG 长虹

MSD3663LSA

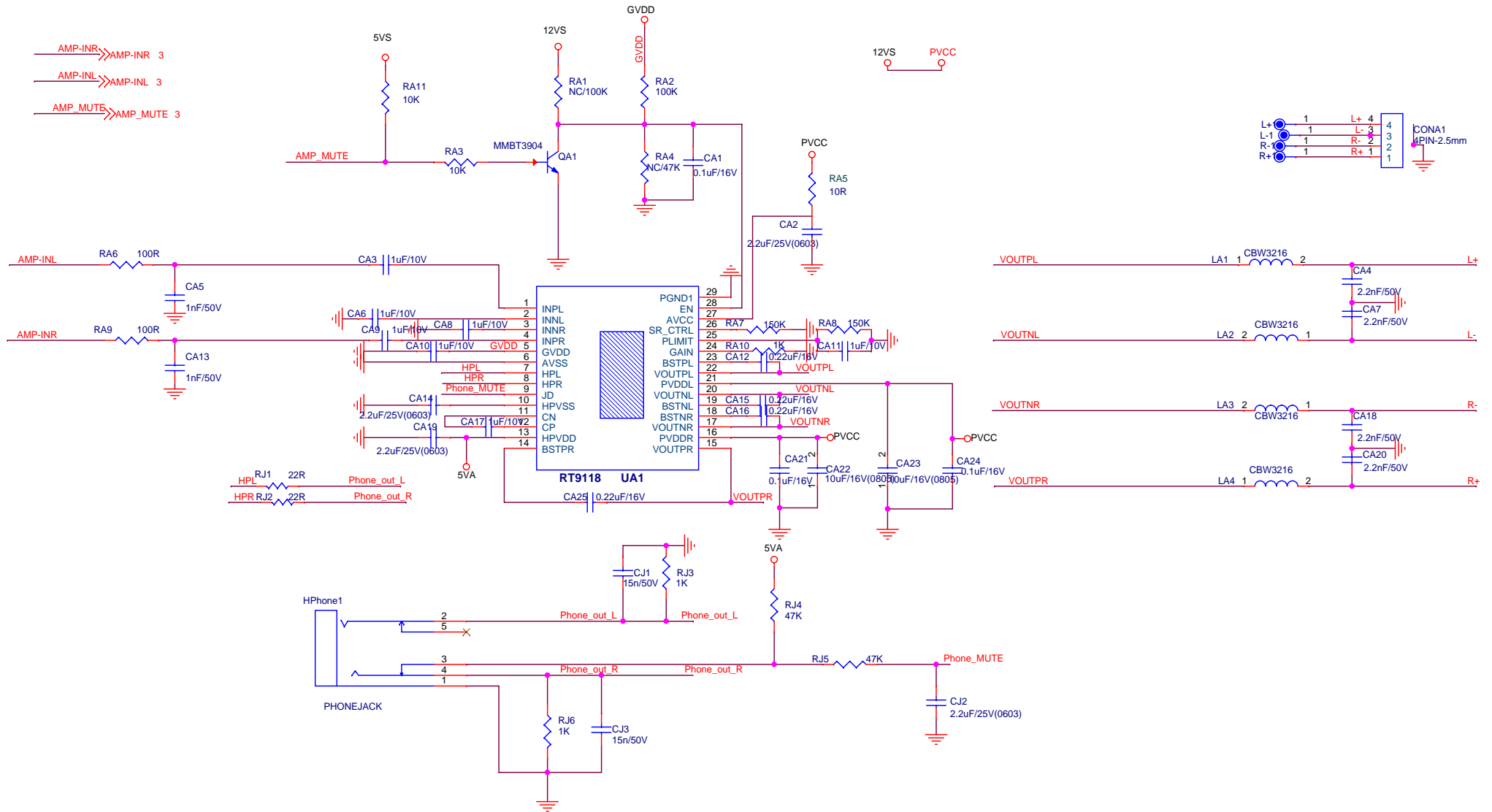
Schematic Name **T2+T+C Tuner**

Rev **VER1.0**

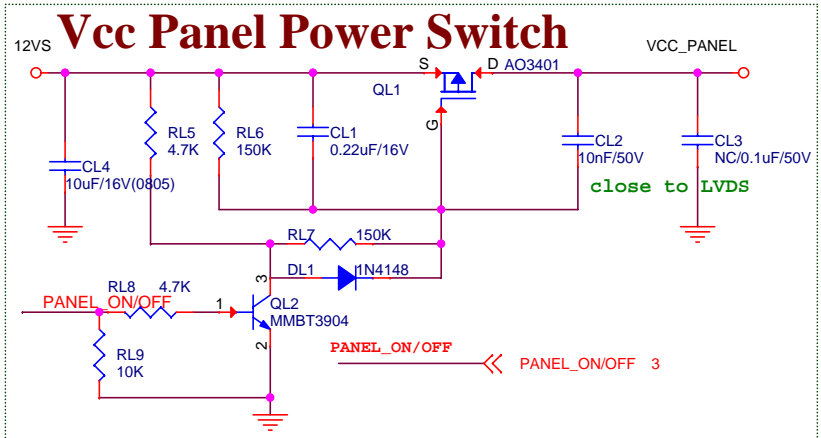
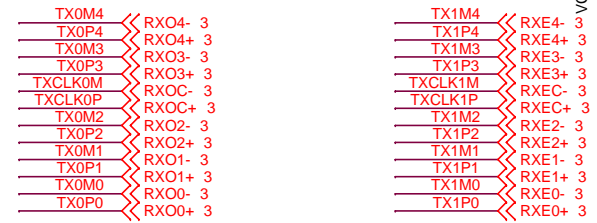
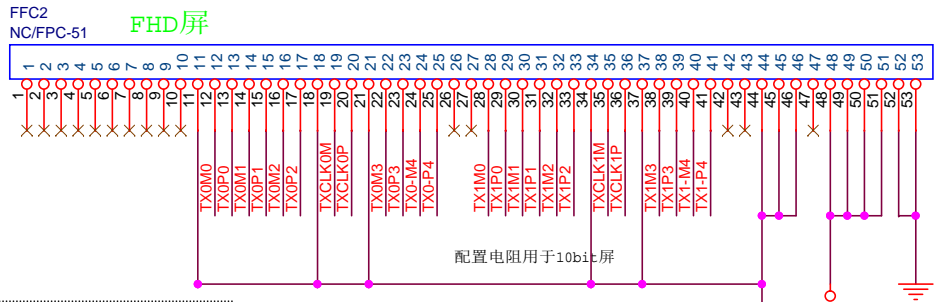
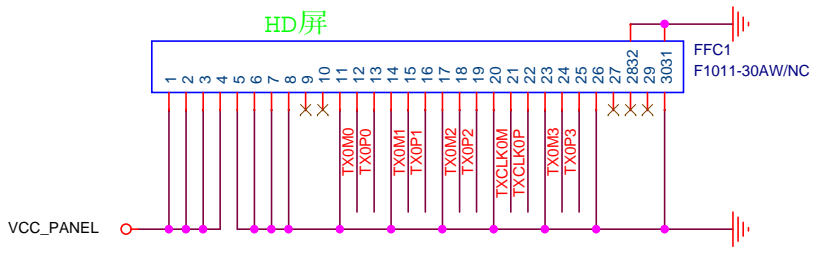
Size Custom Sheet **1 of 15**

Date: **Sunday, July 02, 2017**

因取消电解电容，供电PVCC需靠近电源输出12vs

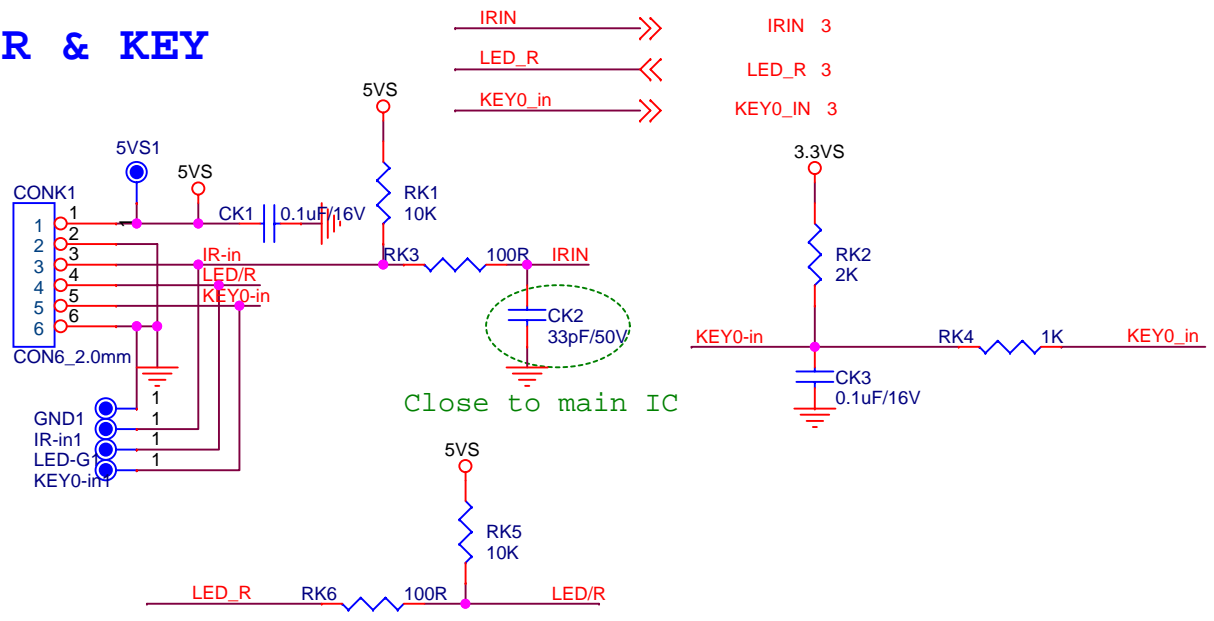


CHANGHONG 长虹		MSD3663LSA	
Schematic Name		<i>Amplifier</i>	Rev <i>VER1.0</i>
Size	Sheet	Date:	
Custom	1 of 15	Sunday, July 02, 2017	

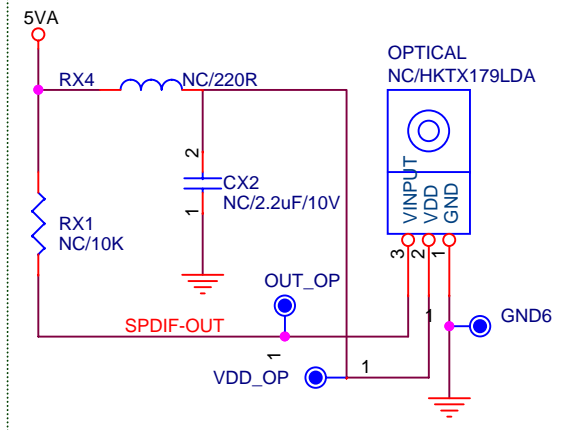


CHANGHONG 长虹		MSD3663LSA	
Schematic Name LVDS Output		Rev VER1.0	
Size Custom	Sheet 1 of 15	Date: Sunday, July 02, 2017	

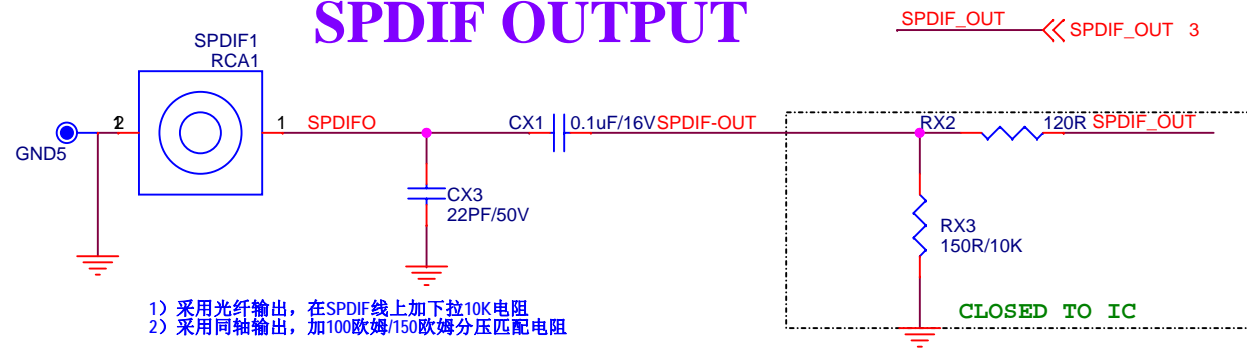
IR & KEY



光纤输出(兼容设计)



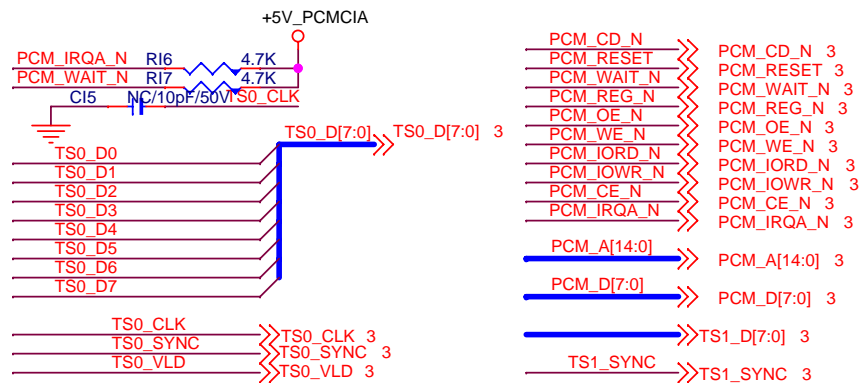
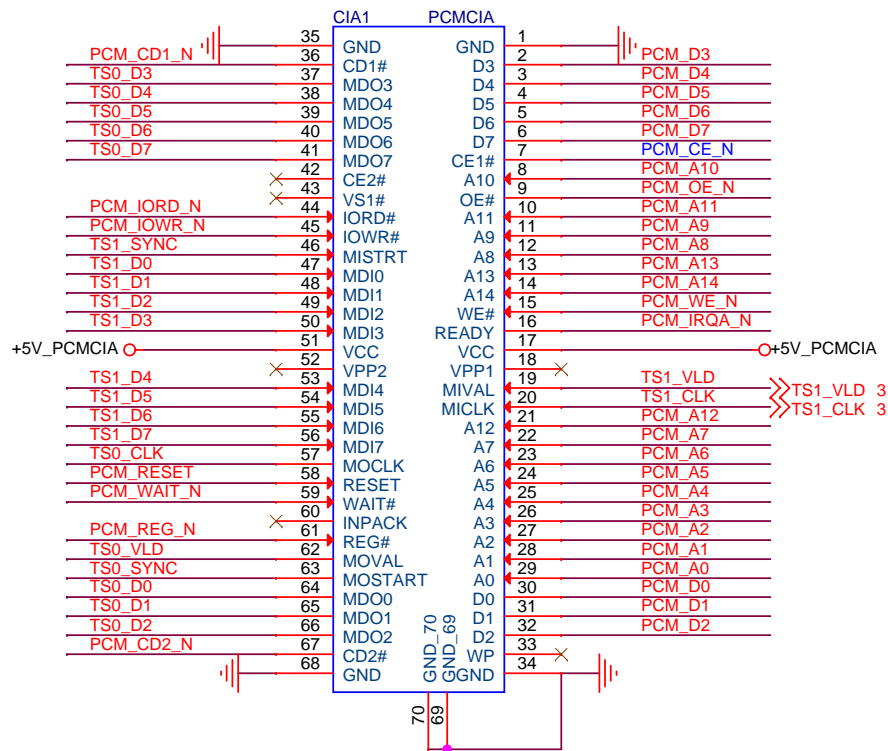
SPDIF OUTPUT



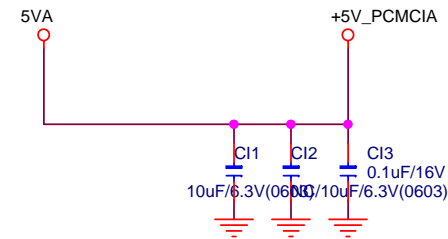
- 1) 采用光纤输出, 在SPDIF线上加下拉10K电阻
- 2) 采用同轴输出, 加100欧姆/150欧姆分压匹配电阻

CHANGHONG 长虹		MSD3663LSA	
Schematic Name		<i>KEYPAD-LED&SPDIF</i>	Rev
			<i>VER1.0</i>
Size	Sheet	Date:	
Custom	1 of 15	Sunday, July 02, 2017	

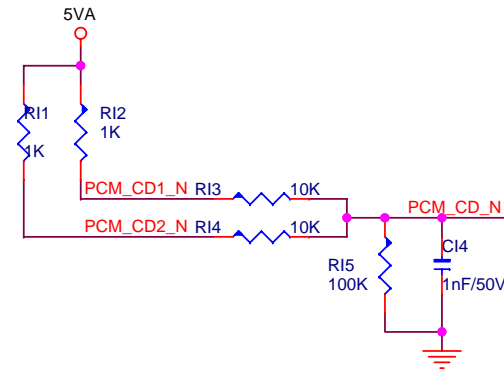
PCMCIA



PCMCIA POWER



CARD DETECT



PCM_CD1_N	PCM_CD2_N	PCM_CD_N
GND	GND	L 0V
GND	NC	H 2.5V
NC	GND	H 2.5V
NC	NC	H 5V

CHANGHONG 长虹

MSD3663LSA

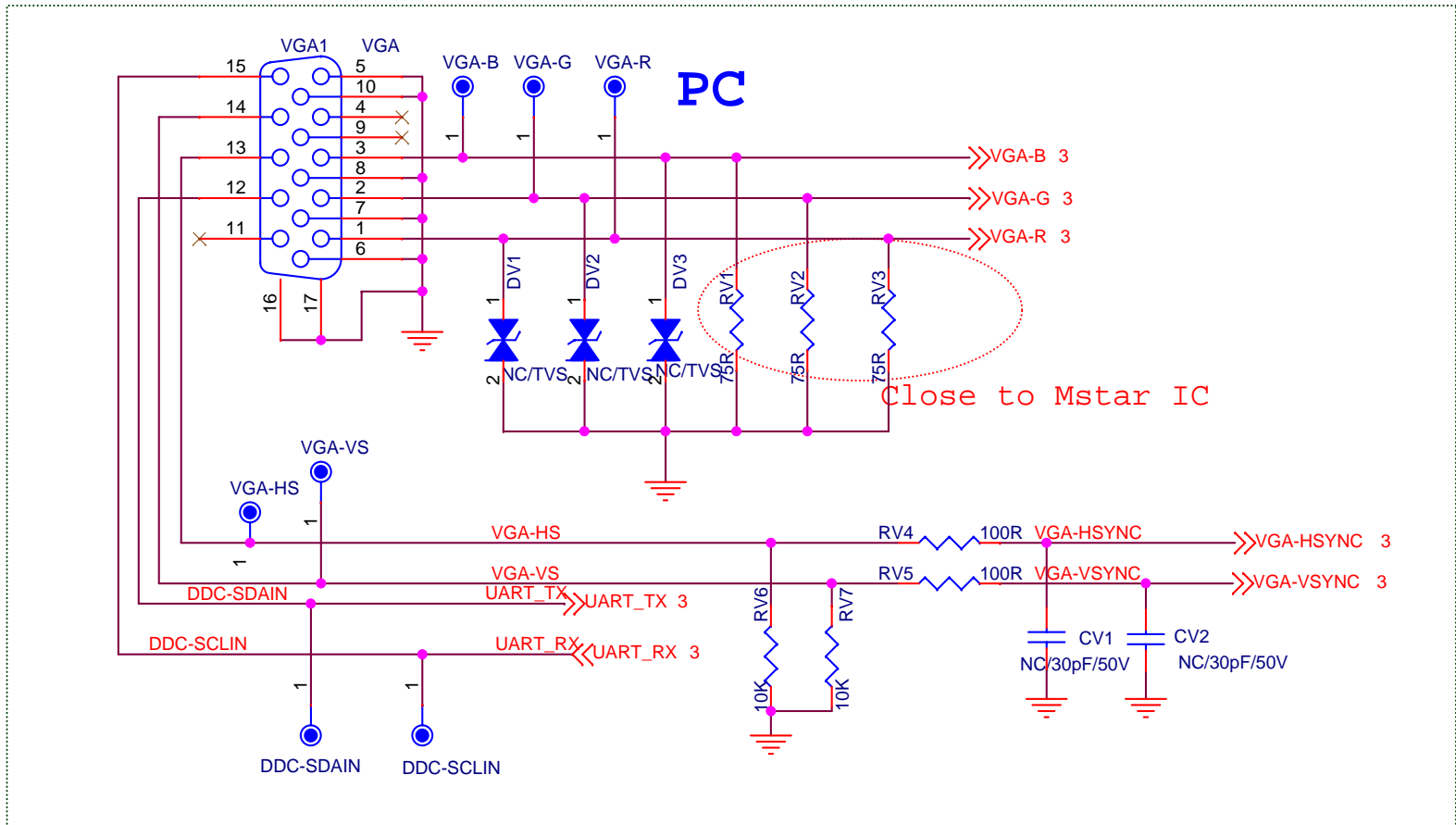
Schematic Name **PCMCIA**

Rev **VER1.0**

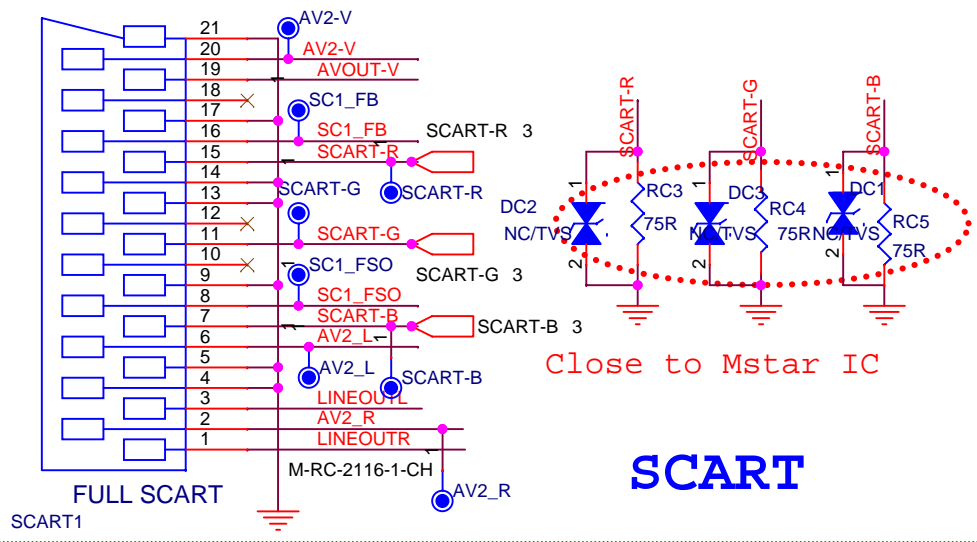
Size
Custom

Sheet
1 of 15

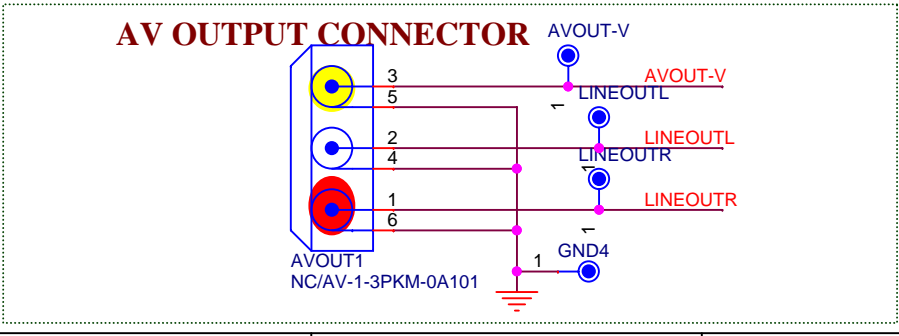
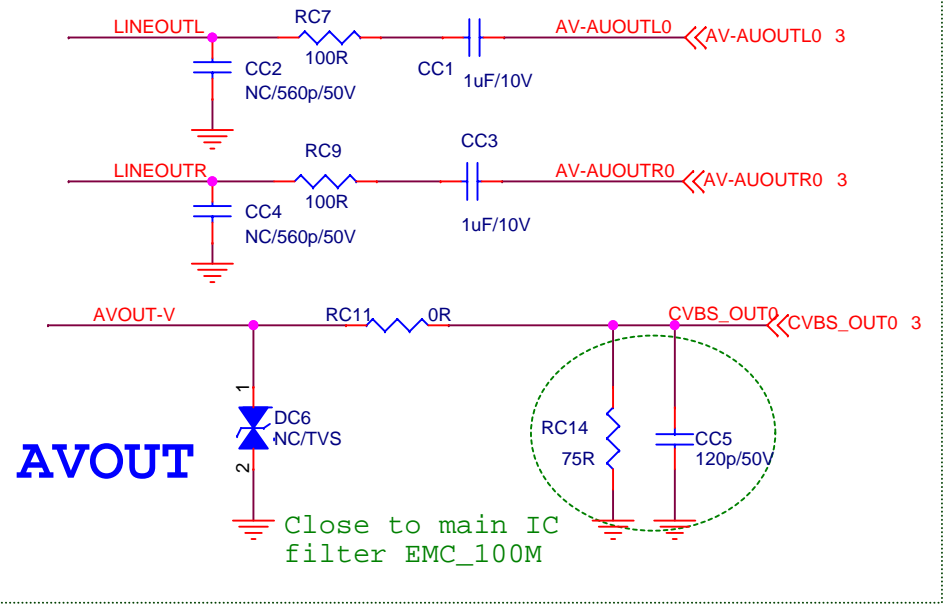
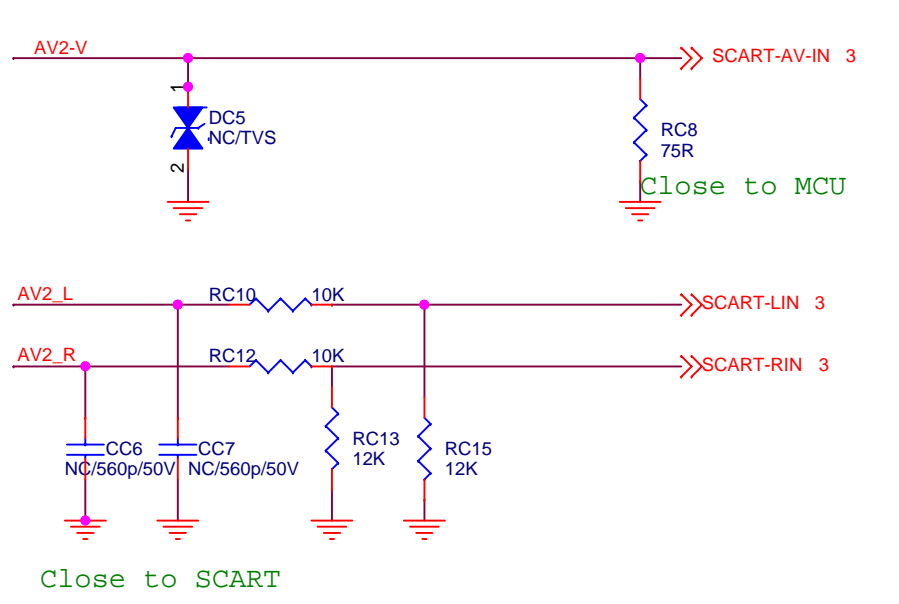
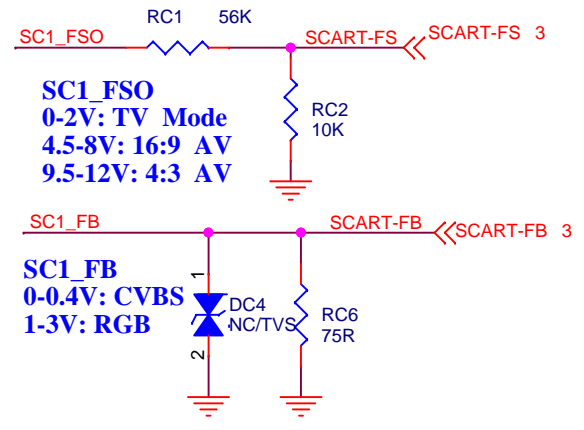
Date:
Sunday, July 02, 2017



CHANGHONG 长虹®		MSD3663LSA	
Schematic Name PC		Rev VER1.0	
Size Custom	Sheet 1 of 15	Date: Sunday, July 02, 2017	

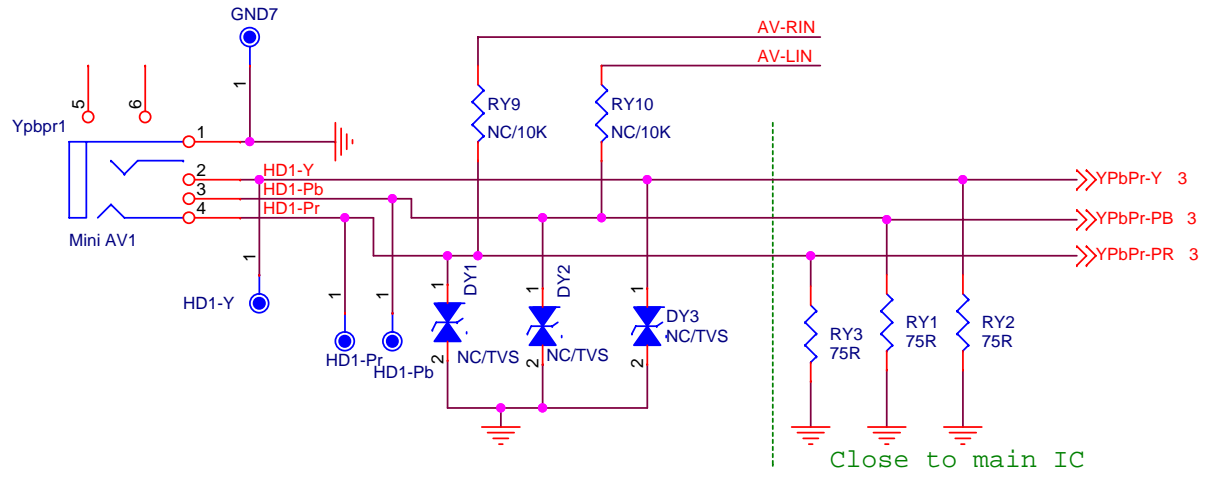


SCART

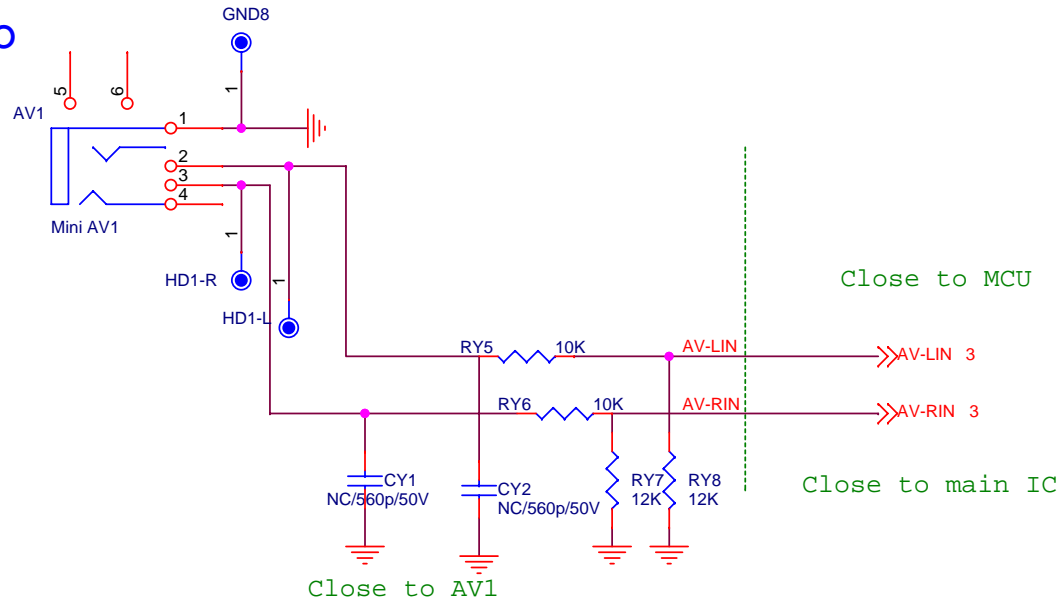


CHANGHONG 长虹		MSD3663LSA	
Schematic Name		SCART&AV OUT	Rev
			VER1.0
Size	Sheet	Date:	
Custom	1 of 15	Sunday, July 02, 2017	

YPBPR Input CVBS Input

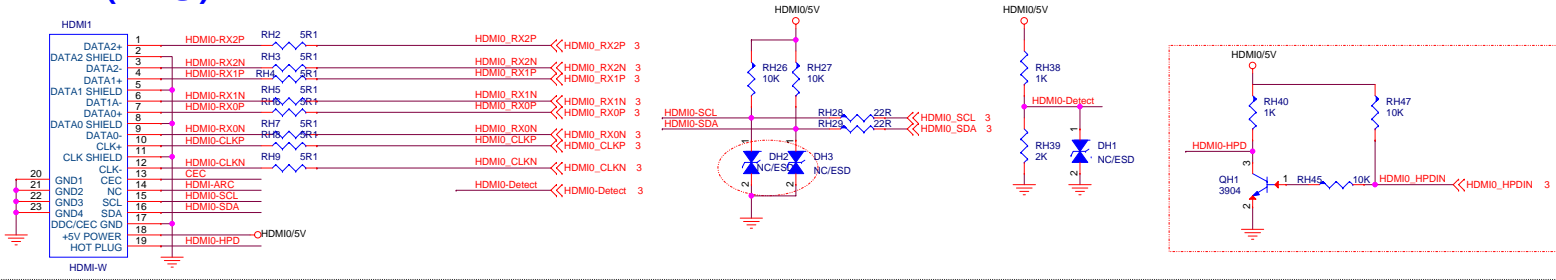


PC/AV/YPbPr AUDIO

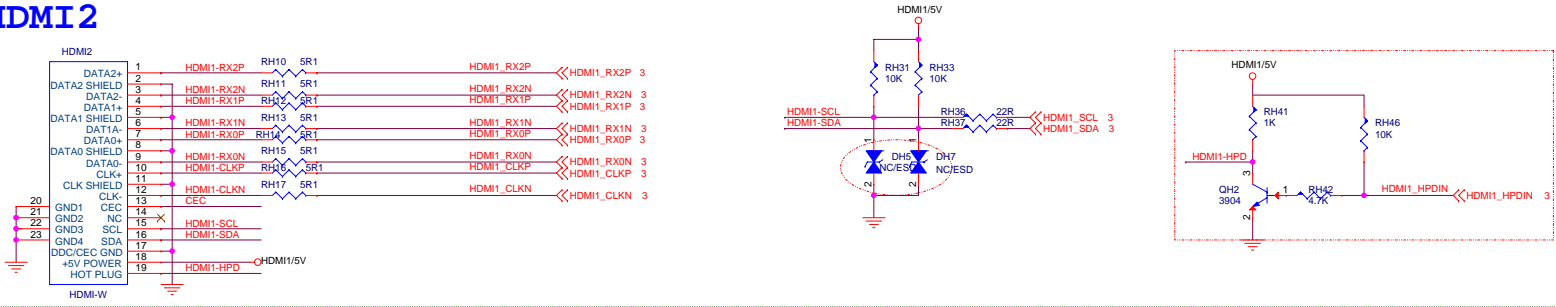


CHANGHONG 长虹®		MSD3663LSA	
Schematic Name		<i>AV&YPbPr</i>	Rev <i>VER1.0</i>
Size Custom	Sheet <i>1 of 15</i>	Date: Sunday, July 02, 2017	

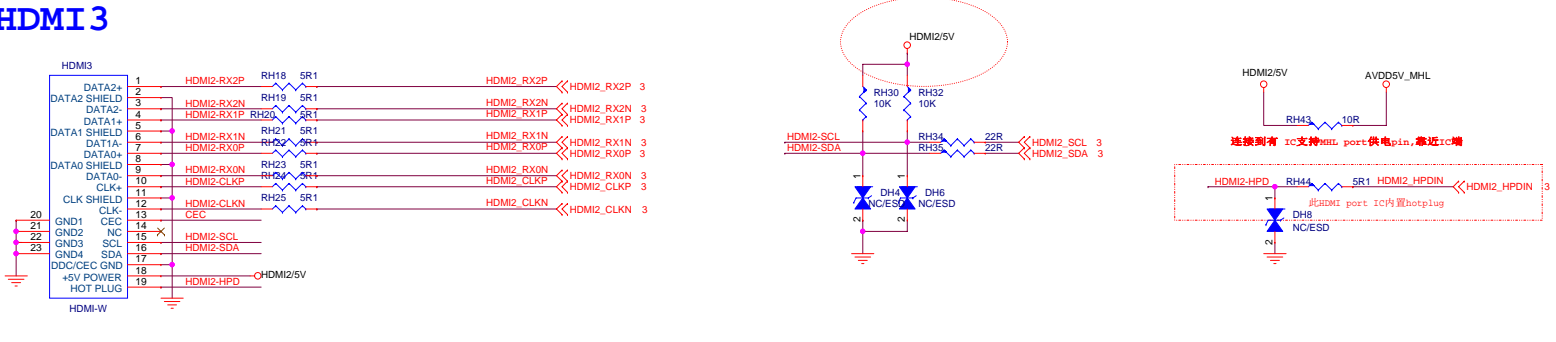
HDMI 1 (ARC)



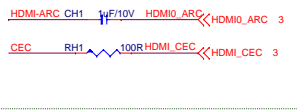
HDMI 2



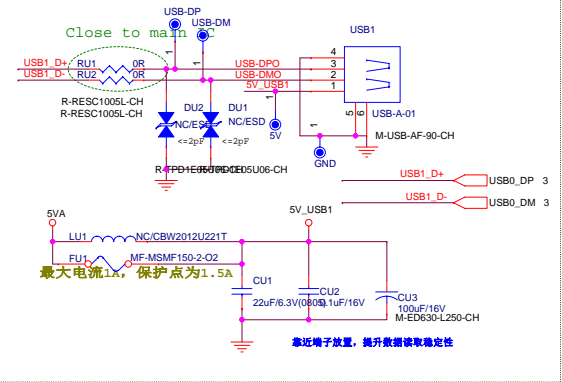
HDMI 3



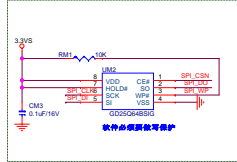
CEC & ARC



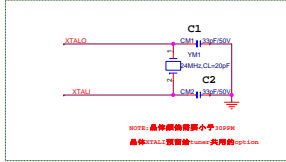
USB2.0 Interface



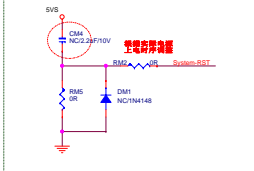
SPI NOR FLASH



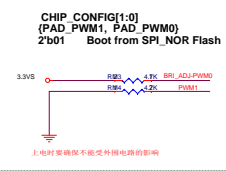
Crystal



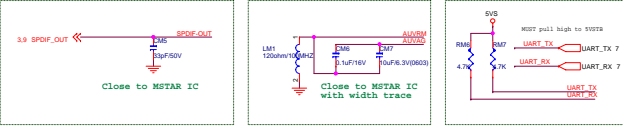
RESET



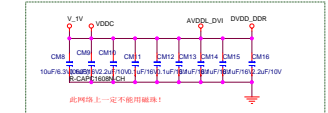
IC Configuration Selection



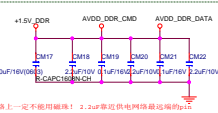
SPDIF OUT



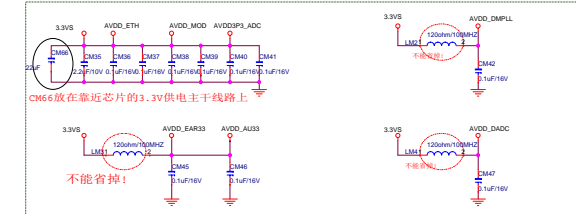
CORE POWER



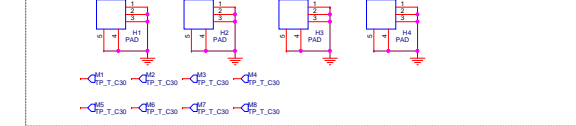
DDR3 POWER



Standby Power 3.3V



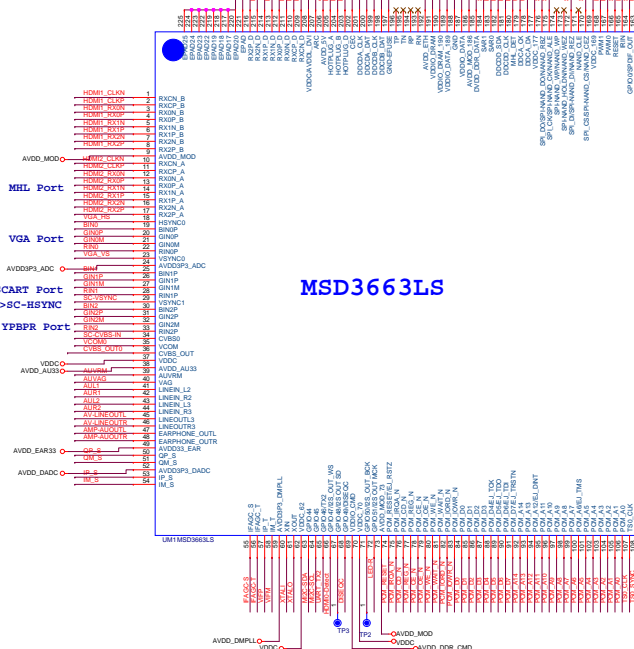
HOLES&MARK



IF AGC

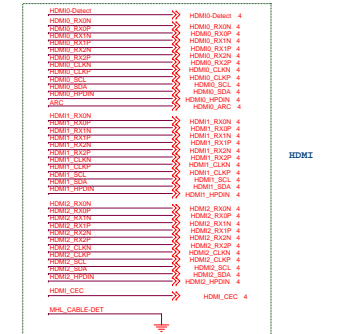
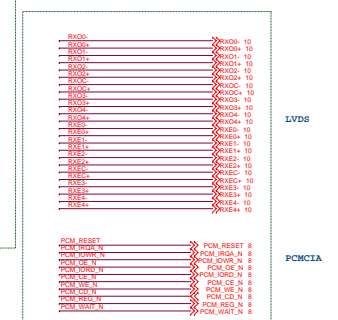
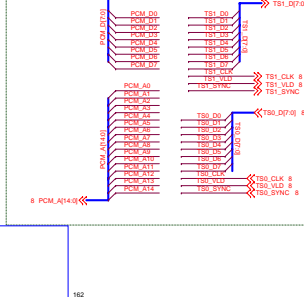


IC

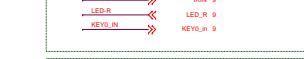


MSD363LS

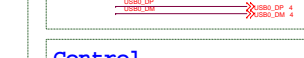
Transport Stream



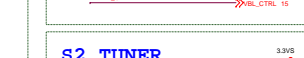
IR & KEY



USB



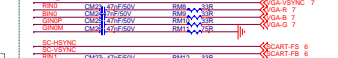
Control



S2 TUNER



VGA



SCART



YPBPR



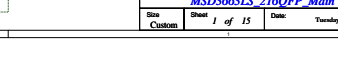
SCART AV IN



CVBS OUT



Audio Line IN

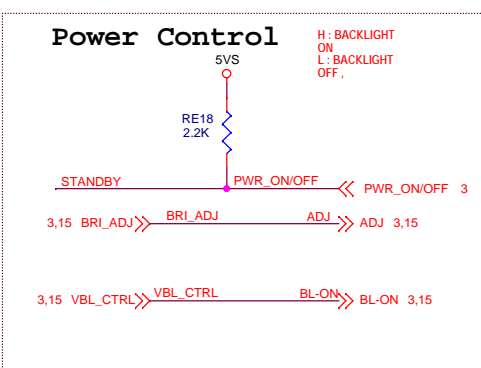
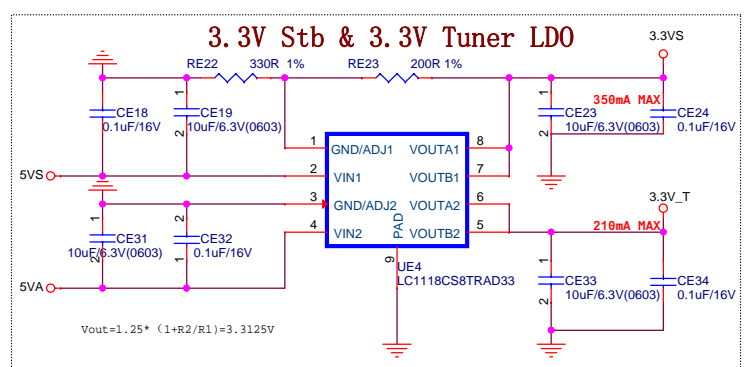
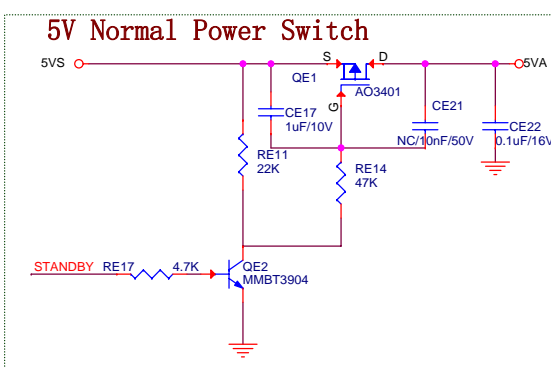
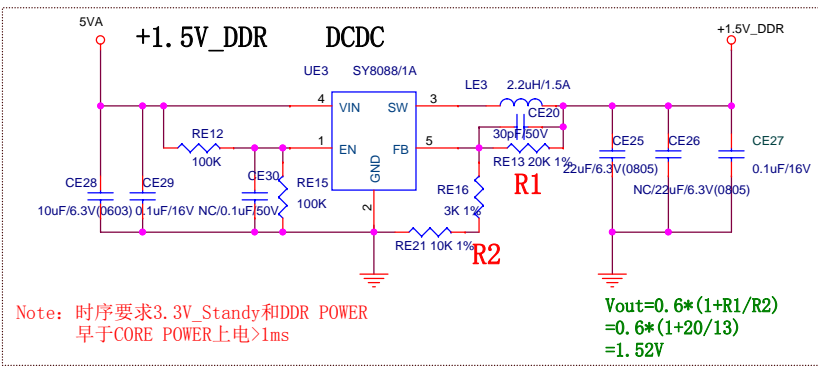
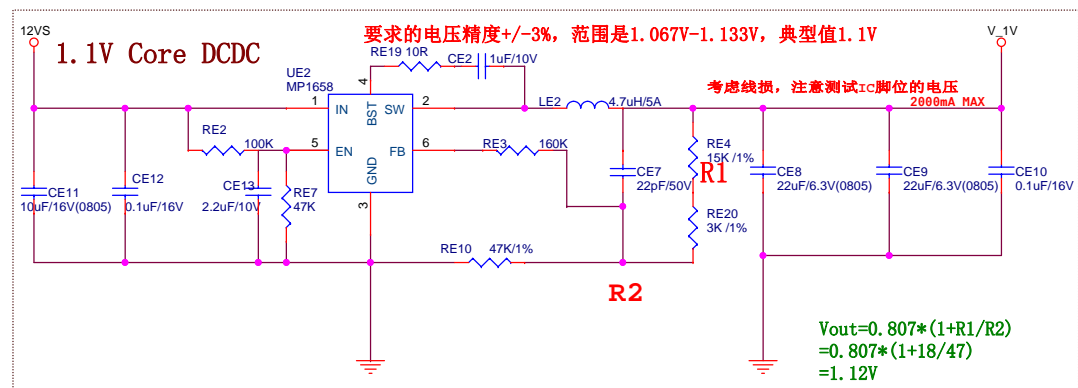
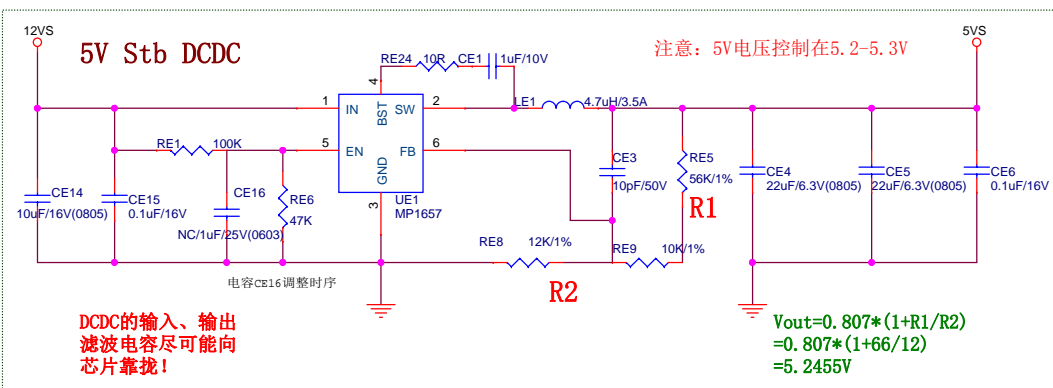


T2 TUNER



Main IIC





CHANGHONG 长虹		MSD3663LSA	
Schematic Name		<i>System Power</i>	Rev <i>VER1.0</i>
Size Custom	Sheet 1 of 15	Date: Monday, July 03, 2017	