date	change list
	4.21标注NC N32,L9 TCON 电路检查 IR wifi 插座改分开 4.24 新APN1.2修改DCDC 4.28分量1分3端子，耳机细端子，预留uart耳机 IR，key，wifi合一插座。加工程机预留。 5.9 发板A 5.13 1. 删除 ，BT预留 2. tuner改VIF: R453，R456改L139,,L140，加C312,C313 3. L39，L59改

Title	MSxxx	
Size: A	Document Number: Revision History	Rev: 1.0
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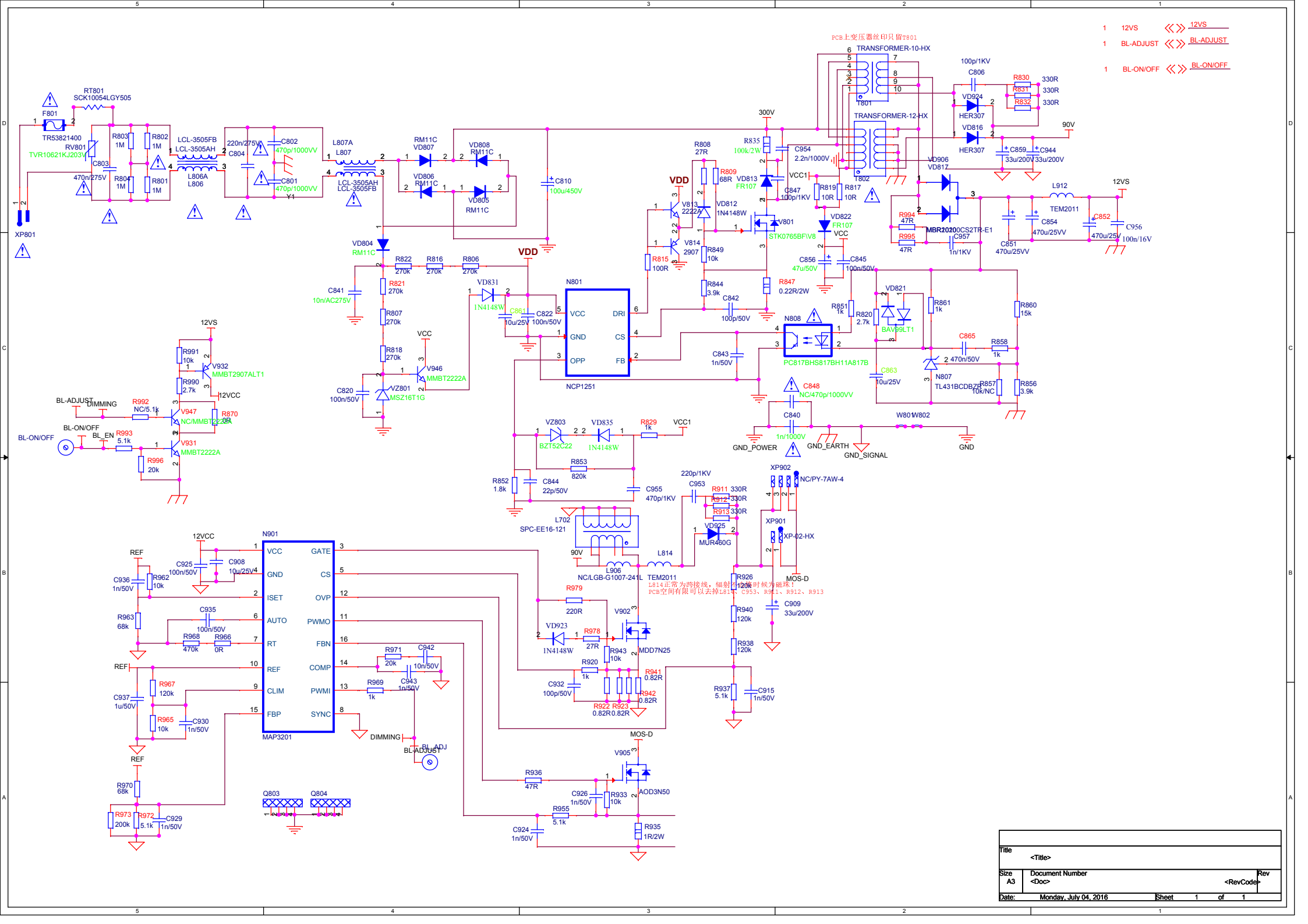
1 12VS 12VS
1 BL-ADJUST BL-ADJUST
1 BL-ON/OFF BL-ON/OFF
PCB上变压器丝印只留T801
TRANSFORMER-10-HX
TRANSFORMER-12-HX
T801
T802
RT801
SCK10054LGY505
F801
TR53821400
RV801
TVR10621KJ203V
XP801
LCL-3505FB
LCL-3505AH
L806A
L806
L807A
L807
Y1
VD804 RM11C
VD806 RM11C
VD807 RM11C
VD808 RM11C
VD805 RM11C
VD831 1N4148W
VDD
VCC
VCC1
12VS
12VCC
N801
NCP1251
VCC
GND
OPP
DRI
CS
FB
N808
PC817BHS817BH11A817B
N807
TL431BCDBZR
N901
MAP3201
VCC
GND
ISET
AUTO
RT
REF
CLIM
FBP
GATE
CS
OVP
PWMO
FBN
COMP
PWMI
SYNC
V801 STK0765BF\V8
V813 2222A
V814 2907
V812 1N4148W
V932 MMBT2907ALT1
V946 MMBT2222A
V947 NC/MMBT2222A
V931 MMBT2222A
VZ801 MSZ16T1G
VZ803 BZT52C22
VD835 1N4148W
VD813 FR107
VD822 FR107
VD821 BAV99LT1
VD923 1N4148W
VD924 HER307
VD816 HER307
VD925 MUR460G
V902 MDD7N25
V905 AOD3N50
L702 SPC-EE16-121
L906 NC/LGB-G1007-241L
L814 TEM2011
L912 TEM2011
L814正常为跨接线，辐射不过时候为磁珠！
PCB空间有限可以去掉L814、C953、R911、R912、R913
XP902 NC/PY-7AW-4
XP901 XP-02-HX
MOS-D
BL-ADJUST
DIMMING
BL-ON/OFF
BL_EN
BL_ADJ
Q803
Q804
GND_POWER
GND_EARTH
GND_SIGNAL
GND
W801 W802
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90V
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Rev <RevCode>
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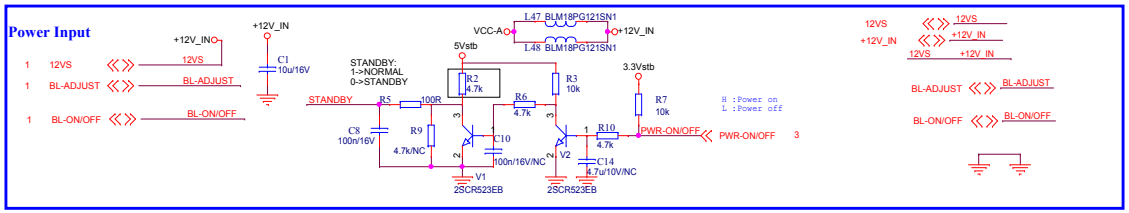

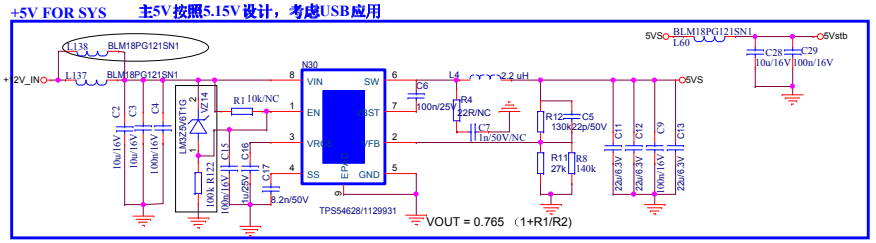

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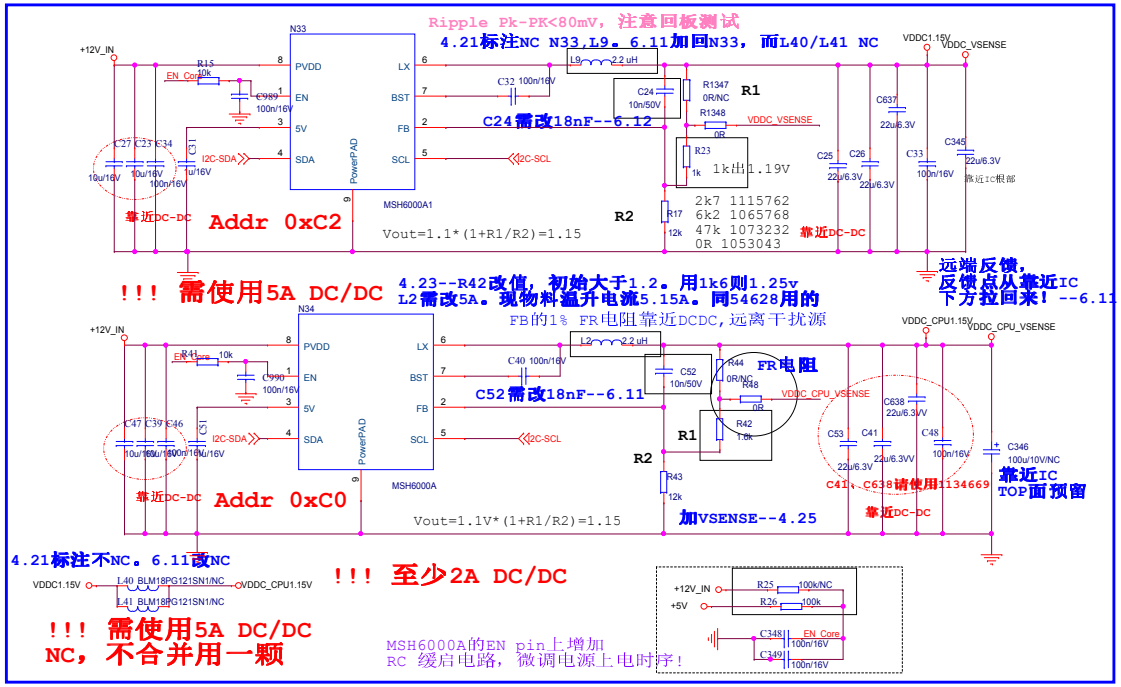
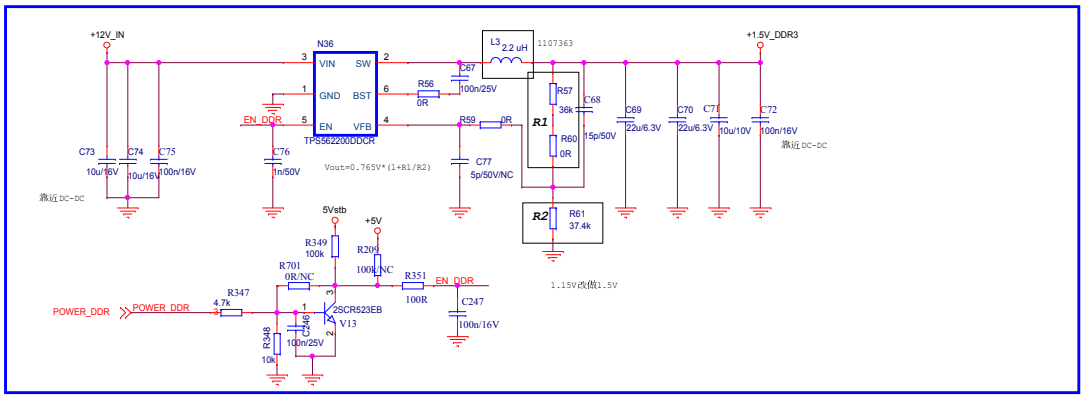
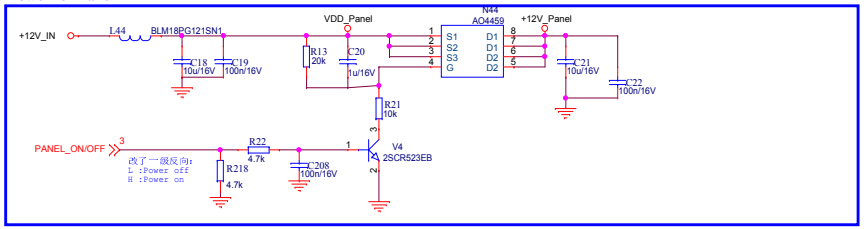


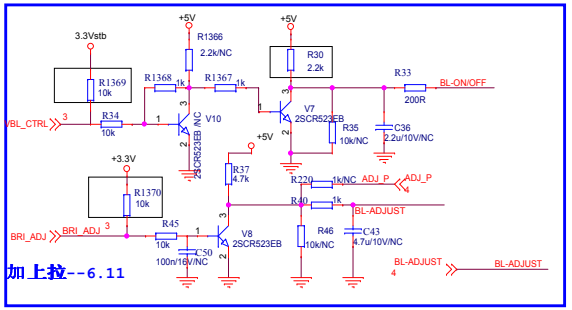
DDR_POWER



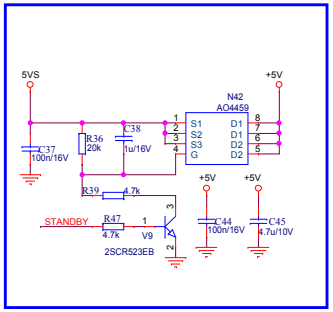
Power for Panel



背光开关和调光



+5V POWER



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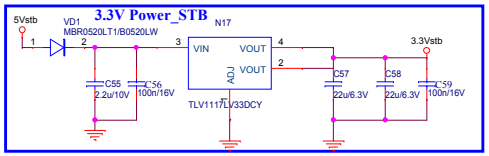
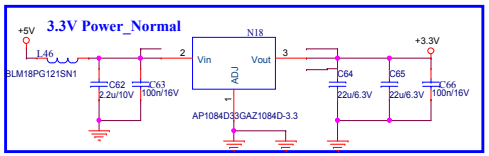
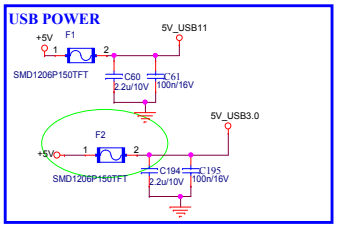
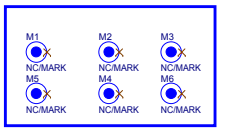
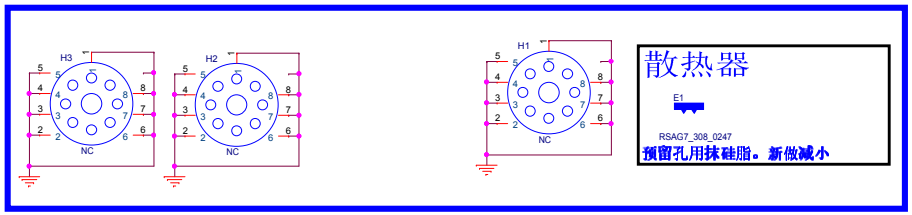




USB POWER







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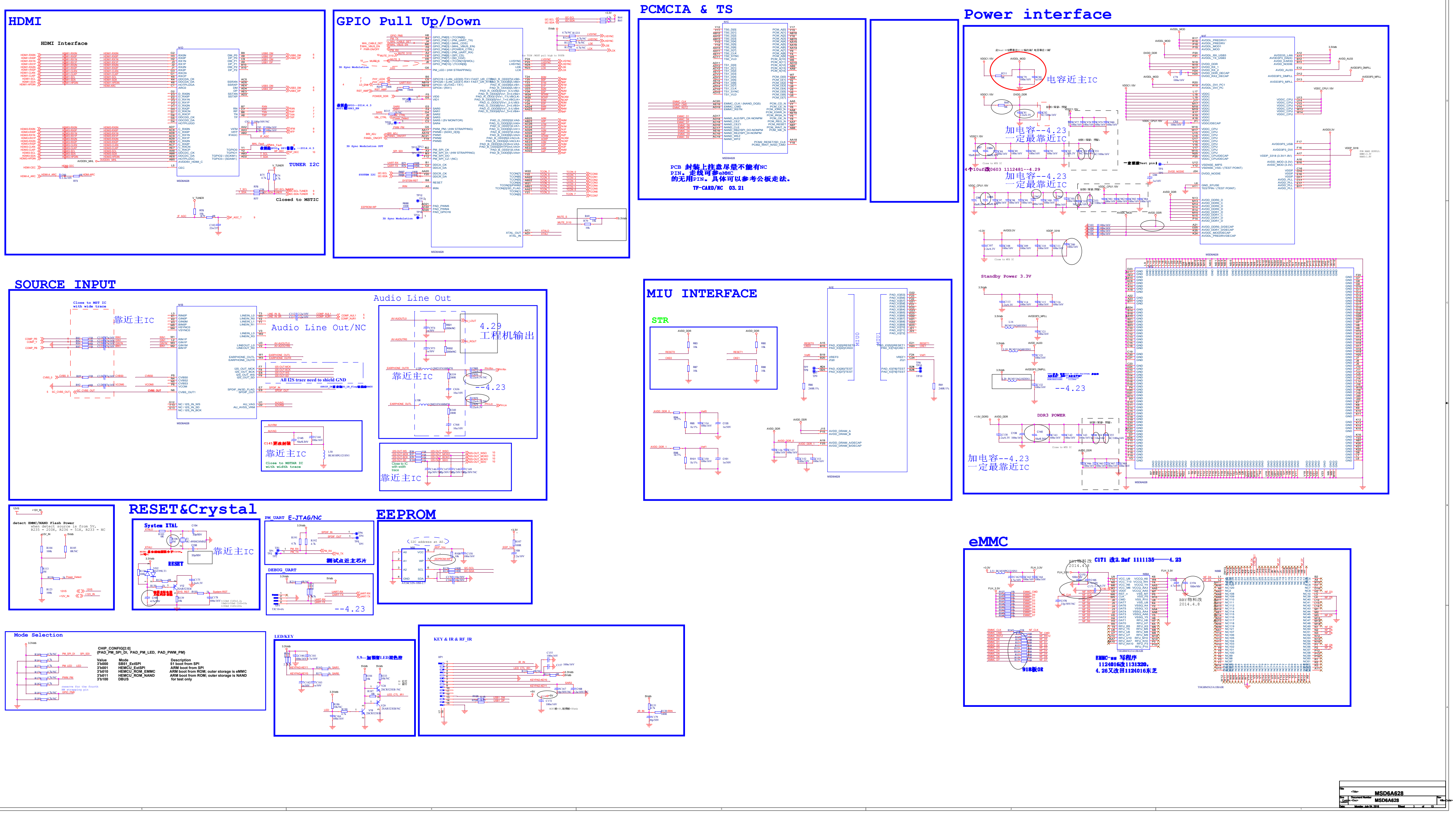
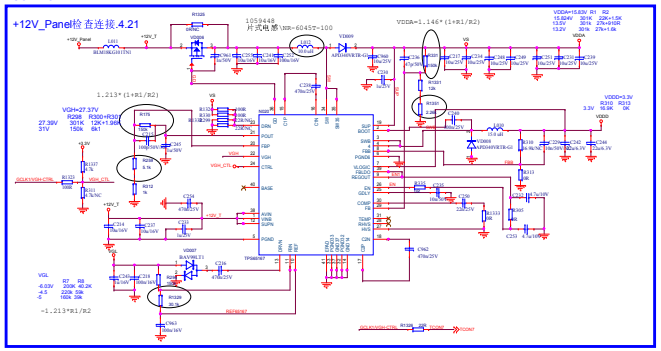


HDMI
HDMI Interface
TUNER I2C
Closed to MSTIC
GPIO Pull Up/Down
PCMCIA & TS
PCB 封装上往盘尽量不能有NC
PIN。走线可参eMMC
的无用PIN。具体可以参考公板走法。
TF-CARD/NC 03.21
Power interface
电容近主IC
加电容--4.23
一定最靠近IC
SOURCE INPUT
靠近主IC
Audio Line Out
Audio Line Out/NC
4.29
工程机输出
AB I2S trace need to shield GND
MIU INTERFACE
STR
Standby Power 3.3V
DDR3 POWER
RESET&Crystal
System XTAL
RESET
EEPROM
DEBUG_UART
--4.23
Mode Selection
CHIP_CONFIG[2:0]
LED/KEY
KEY & IR & RF_IR
eMMC
MSD6A628

TCON POWER

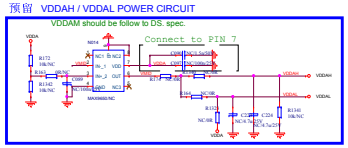
+12V_Panel检查连接:4.21



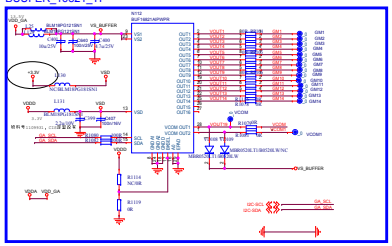
VCOM产生电路/NC G1625 4.21

预留 VDDAH / VDDAL POWER CIRCUIT

VDDAM should be follow to DS. spec.

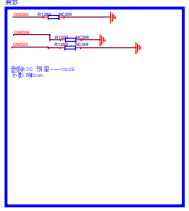


BUUFER_16821_TI

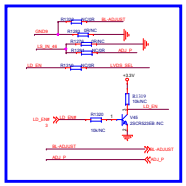


预留为SAM用

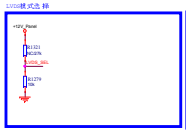
备用



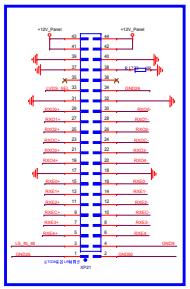
LOCAL_DIMMING控制



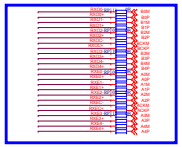
LVDS模式选择



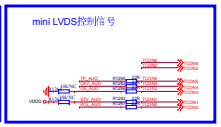
LVDS connector



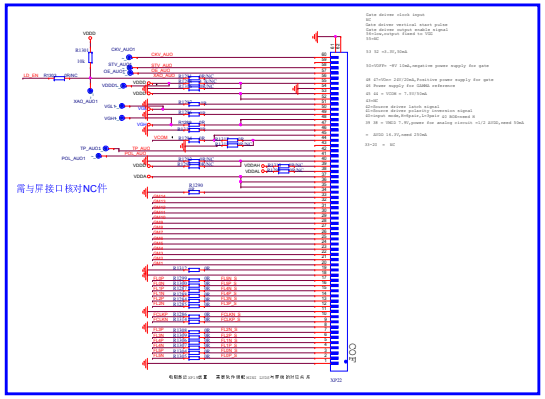
LVDS网络



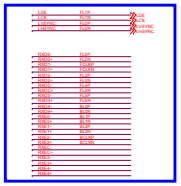
mini LVDS控制信号



mini LVDS TX to TCON connector



mini LVDS



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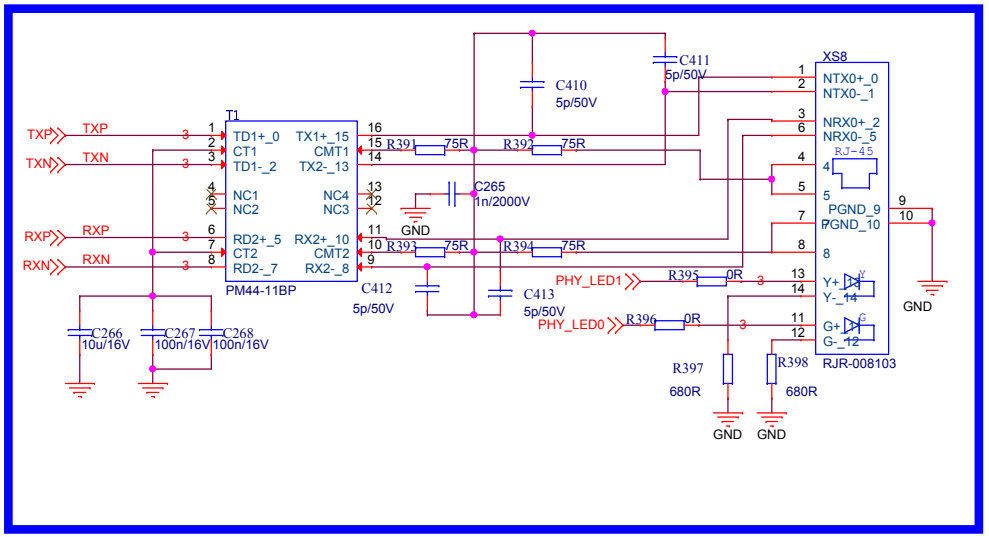
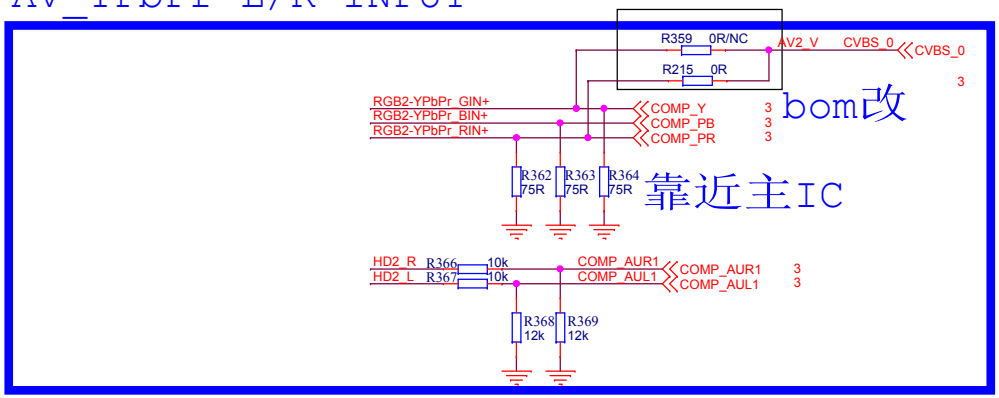
AV_YPbPr INPUT/工程机功放AUout

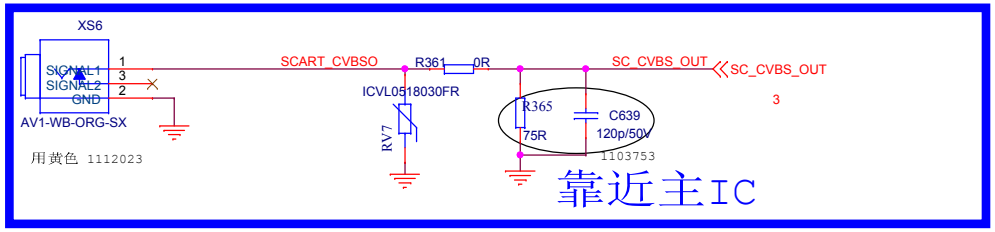
网口



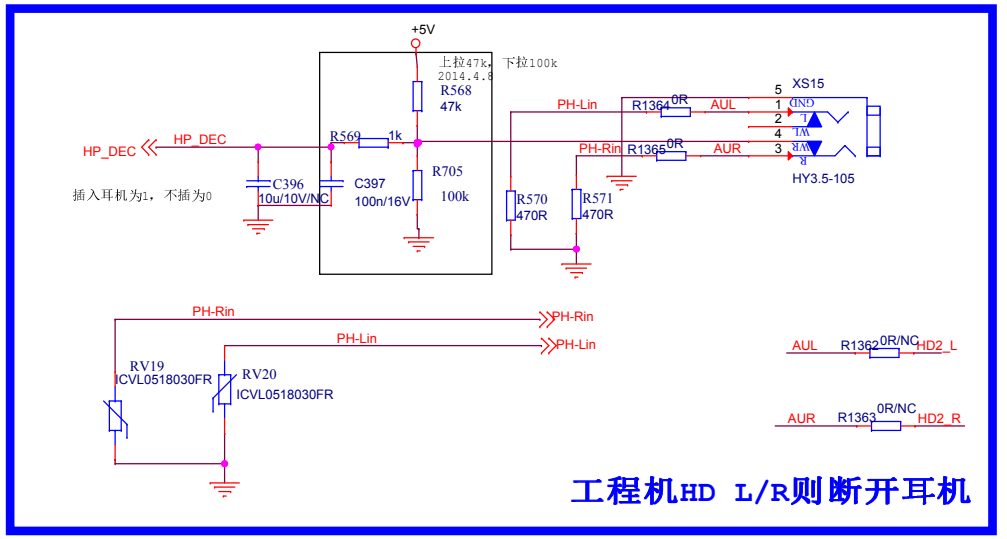
AV_YPbPr L/R INPUT



AV OUTPUT



耳机输出/音频输出/工程机HD音频入



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Size: B	Document Number: YPBPR_AV_网络	Rev: 1.0
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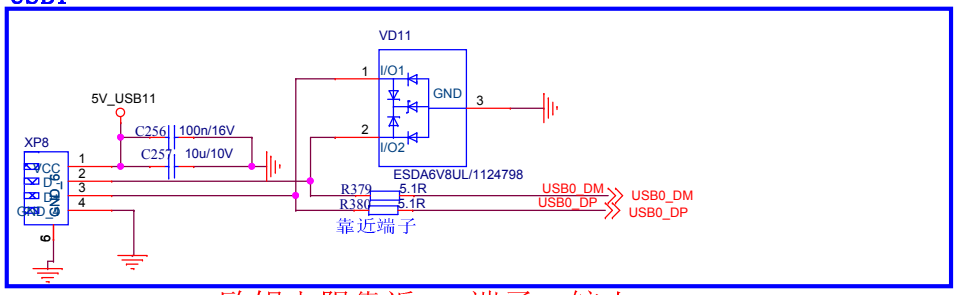
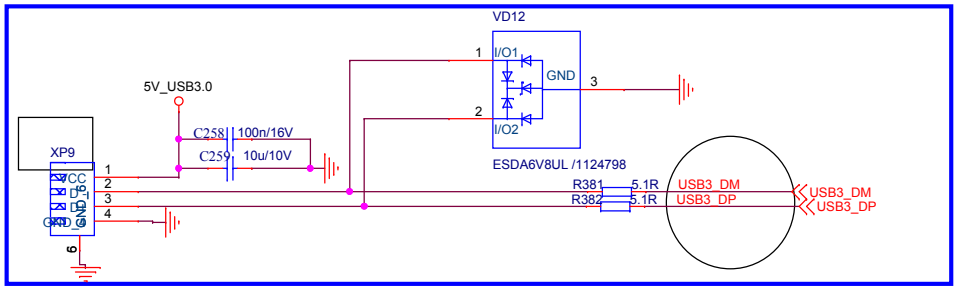
USB1



USB2

5.1欧姆电阻靠近USB端子，较小EOS。



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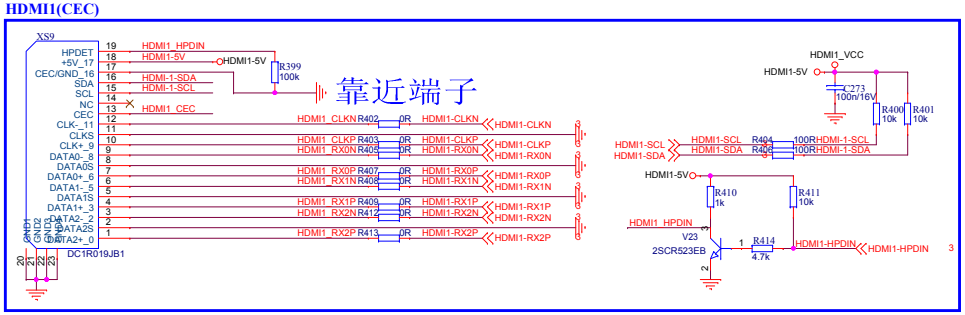
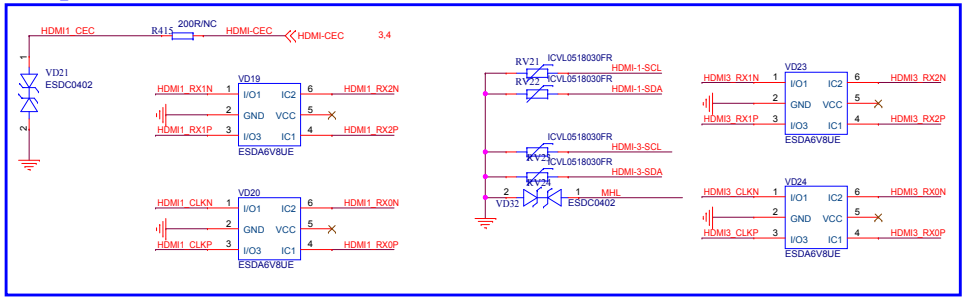
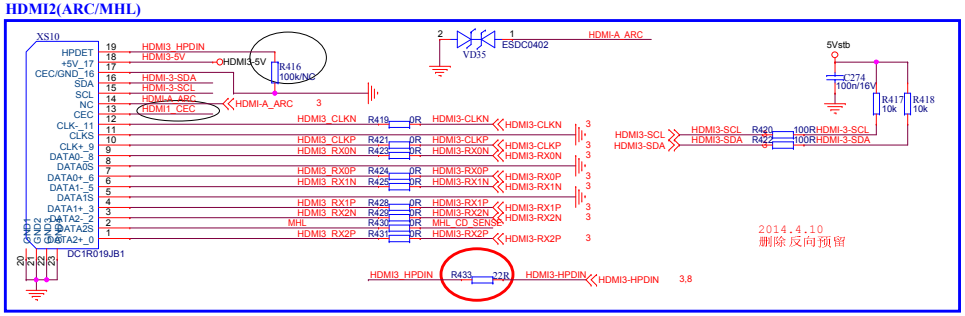
HDMI1(CEC)



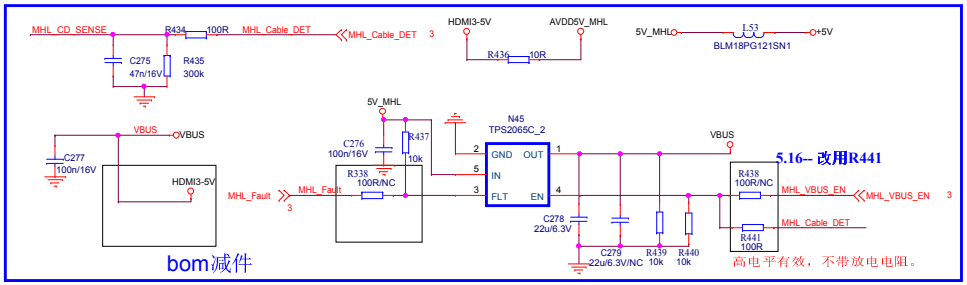
HDMI1_ESD



HDMI2(ARC/MHL)



MHL 5V POWER SUPPLY



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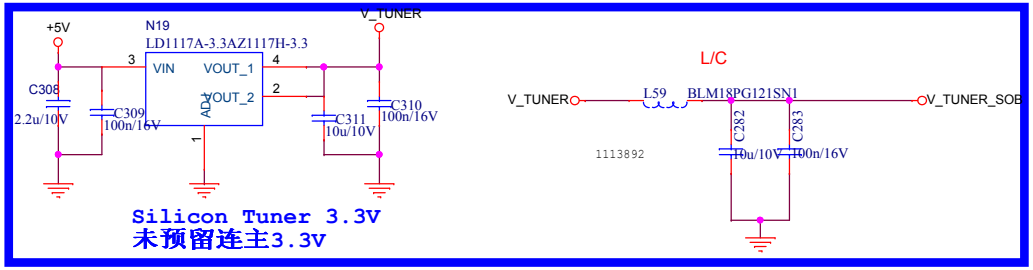
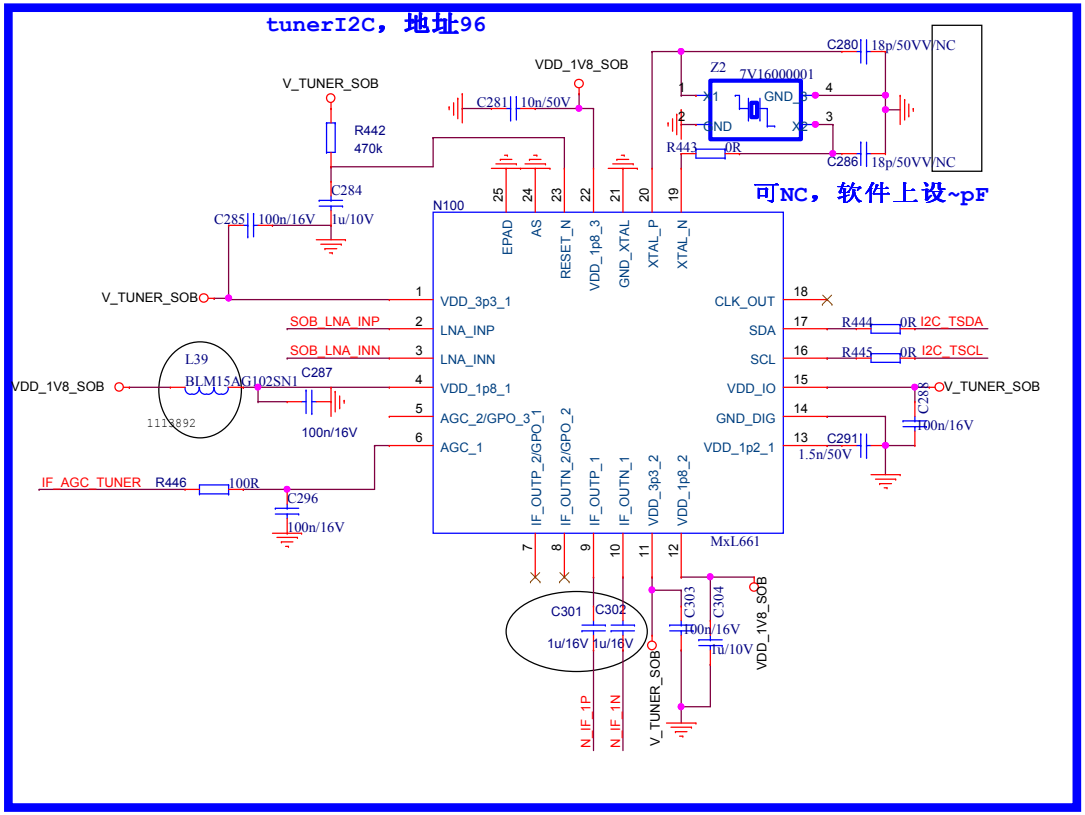
TUNER. POWER



Silicon On Board

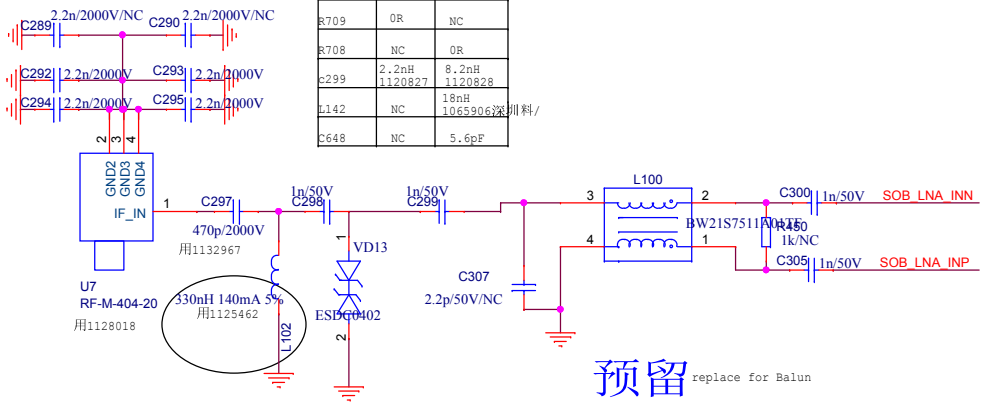


RF_匹配网络

加4个预留件

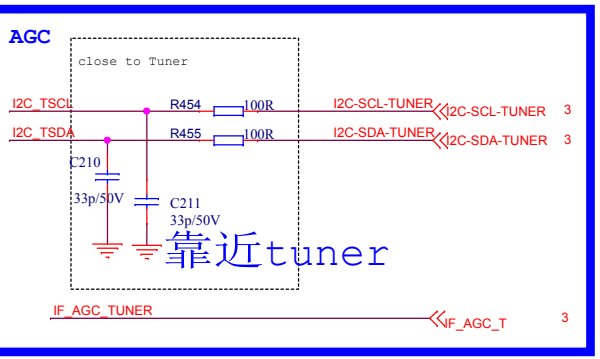
注意物料号更新,2200pF/2000V/1133166
其放置和走线请参考5838板.C289,C290背面预留

Part Num	BALUN	NO BALUN
L141	NC	18nH
R709	0R	NC
R708	NC	0R
C299	2.2nH 1120827	8.2nH 1120828
L142	NC	18nH 1065906深圳料/
C648	NC	5.6pF

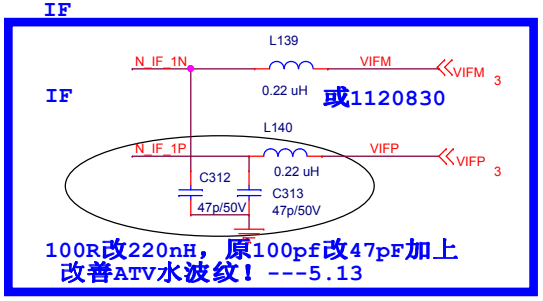


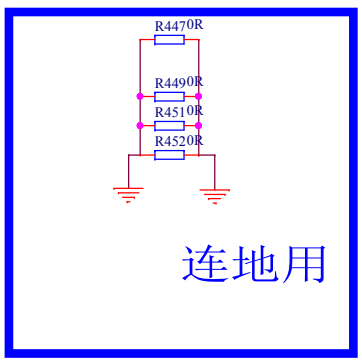
预留 replace for Balun

AGC RC Filter &I2C



IF





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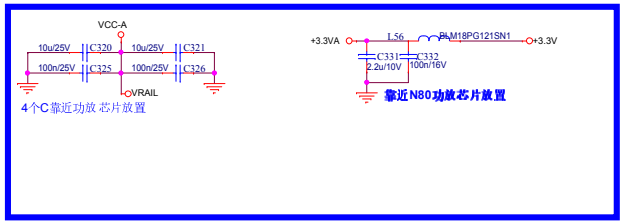
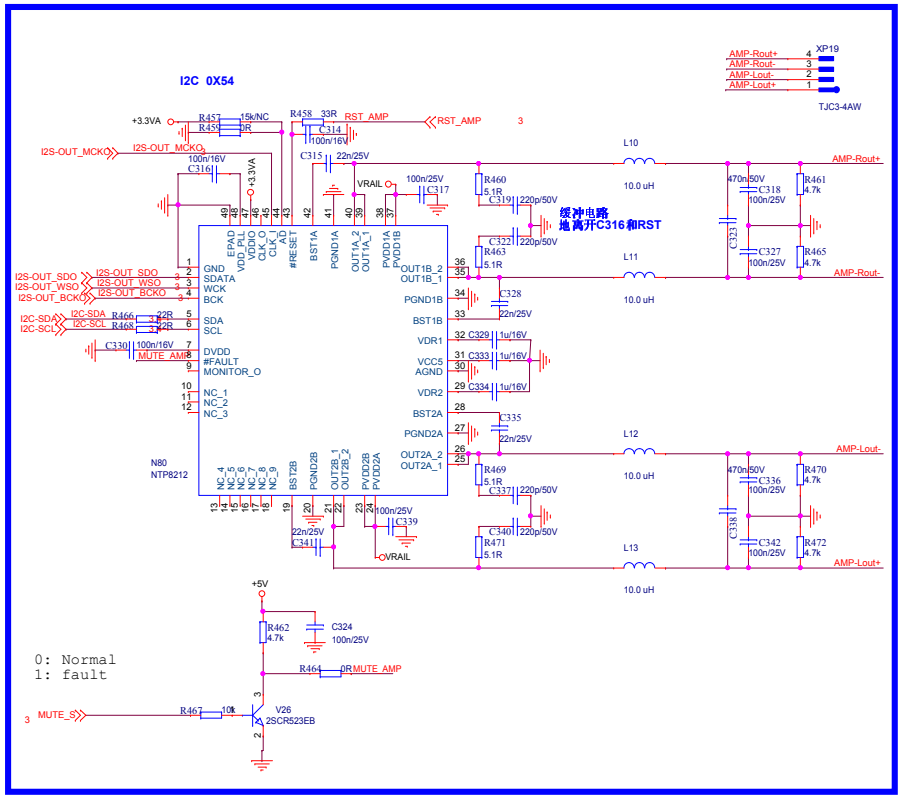
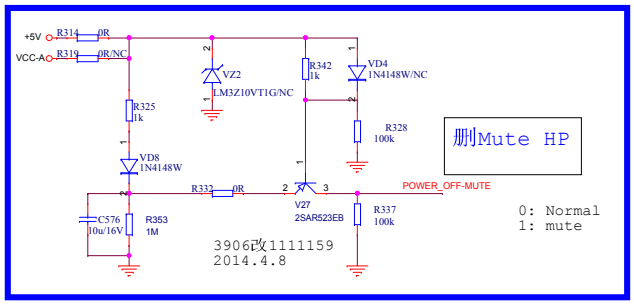
电源



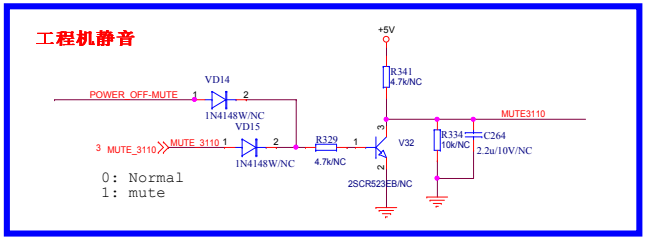
功放NT8212



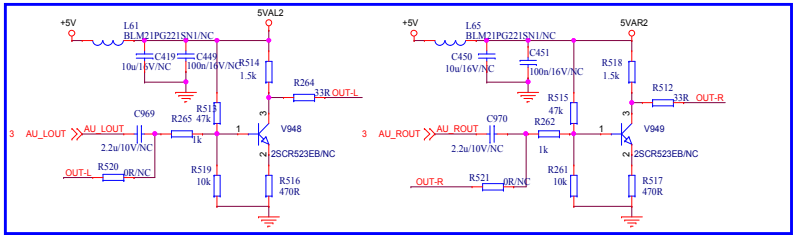
Mute



工程机静音

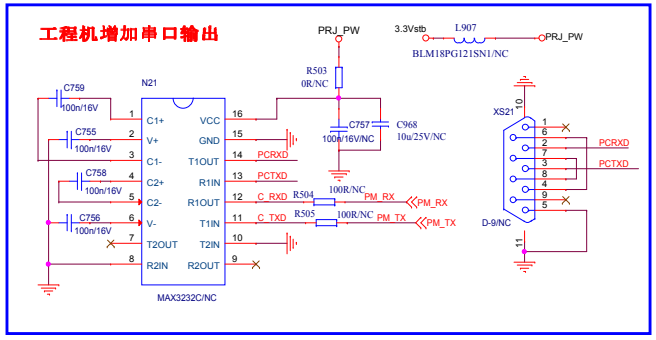


工程机声音预放大

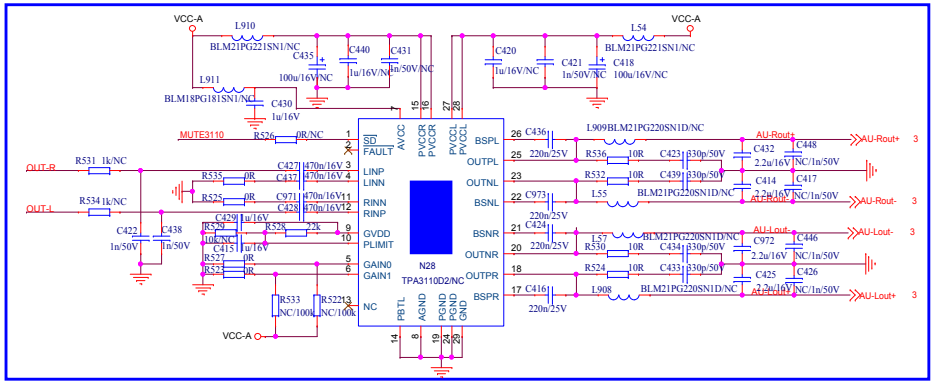


工程机串口-4.29

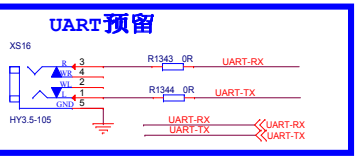
工程机增加串口输出

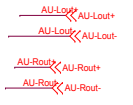


工程机功放



UART预留





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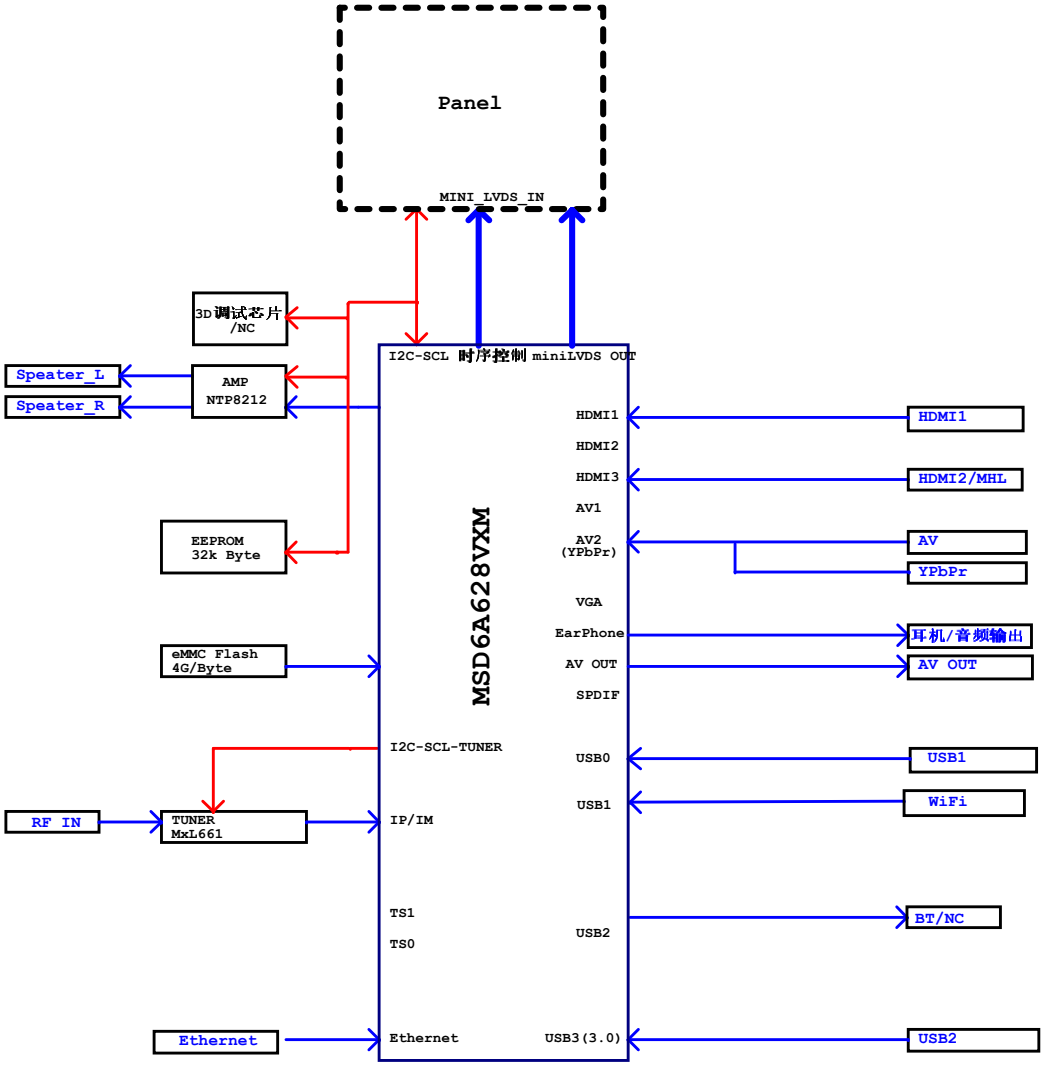

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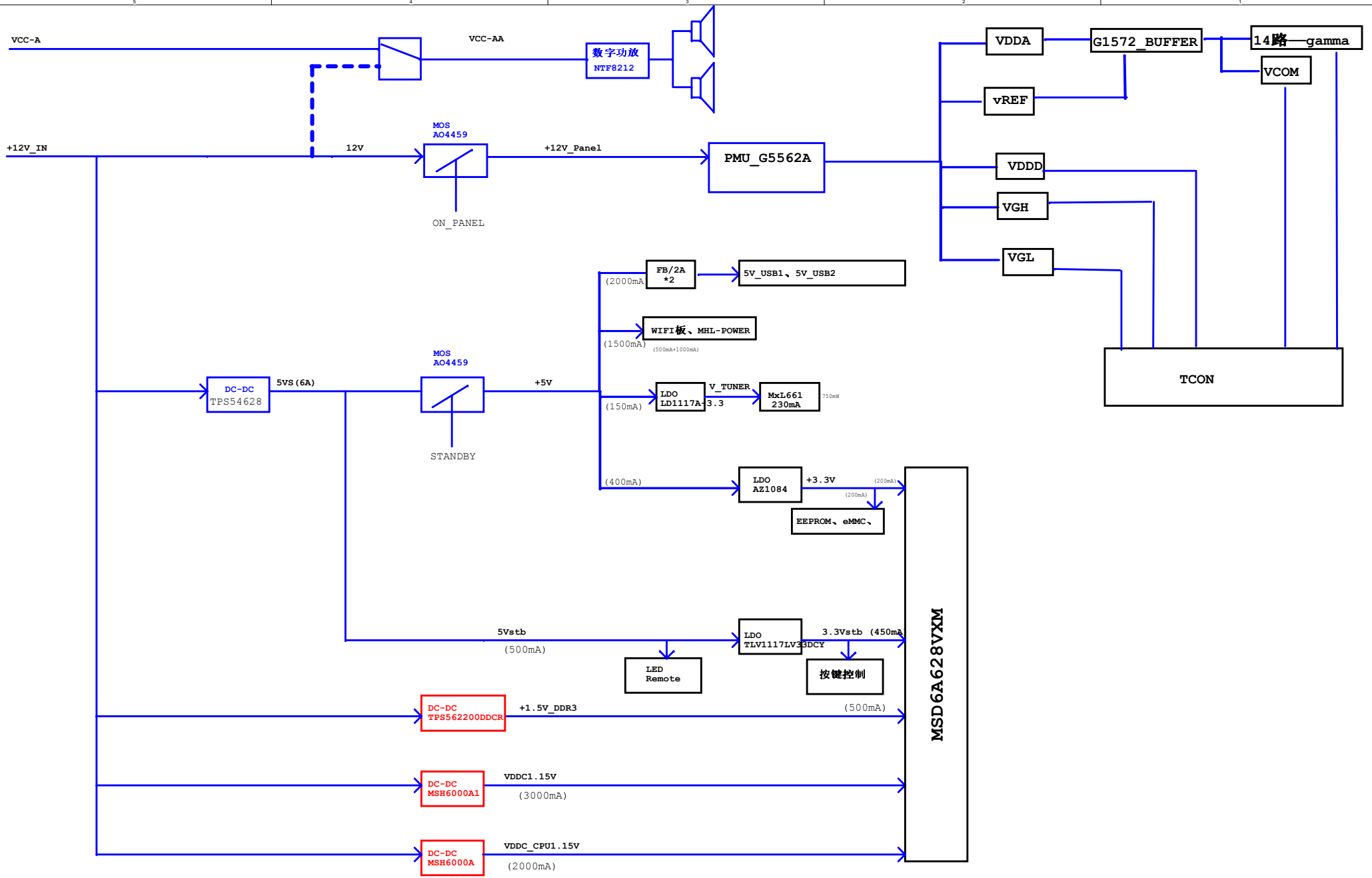

APM要求：VDDC电压 不低于1.15V. 也不高于1.236V.

VDI0	VDI1			
H	H	1.28V	1.28V	1.319V
H	L	1.2V	1.2V	1.236V
L	H	无	无	无
L	L	1.15V	1.15V	1.184V

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