

1,C209 改为 1132967 片片式瓷介\GR431BR7LA471KW01L\TP\JK\ROH

2.C210, C211,C212, C213, C219, C220, C221, C222 不可使用1uf,可能会导高压打坏,需要用 2.2uf,

1133166 片式瓷介\GRM31BR73A222KW75L\TP\ROH

1027437 c653改为1030181 (奇怪? 导出明明不对,但是图上是对的)---改过了

L001物料作废----仍然使用

L111物料作废----仍然使用

1064752 N009 改为1125049

1109810 N020改为1112675

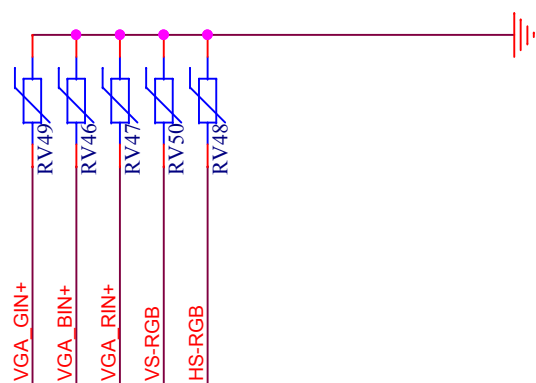
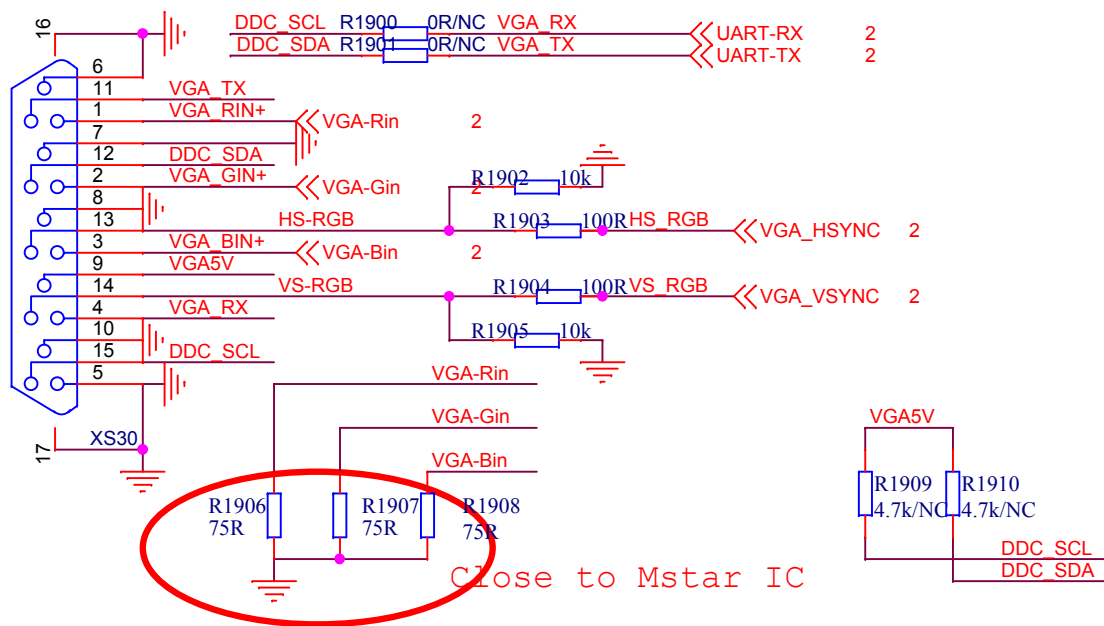
如下电阻应该可以改原理图的,但是我的cadence有问题改不了 1109974 R031改为1059509--改过了

U2 无封装,参考5842的bom

USB 端子封装无物料号,系统里的物料号对应的封装只有4个脚,晕

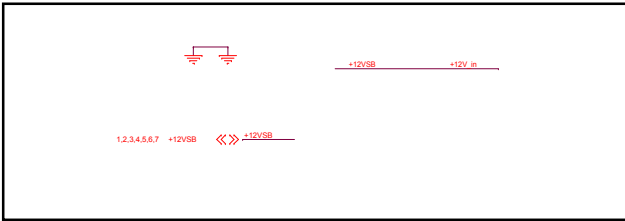
Title <Title>			
Size A	Document Number <Doc>		Rev <RevCode>
Date:	Thursday, November 20, 2014	Sheet	1 of 1

VGA

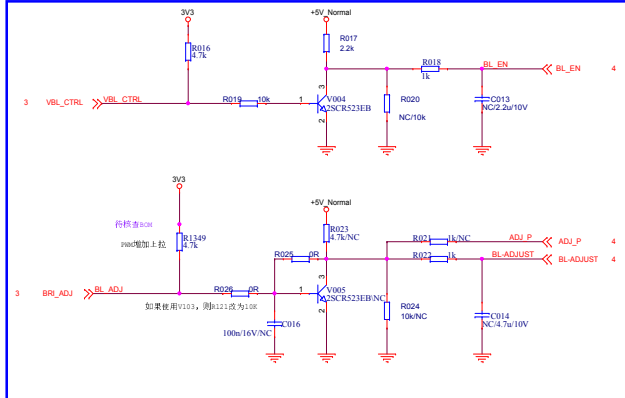


Title		
<Title>		
Size	Document Number	Rev
A	<Doc>	<RevCode>
Date:	Thursday, November 20, 2014	Sheet 1 of 1

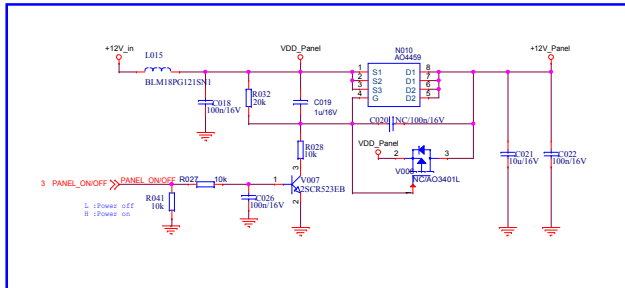
Power Input



To Inverter Board

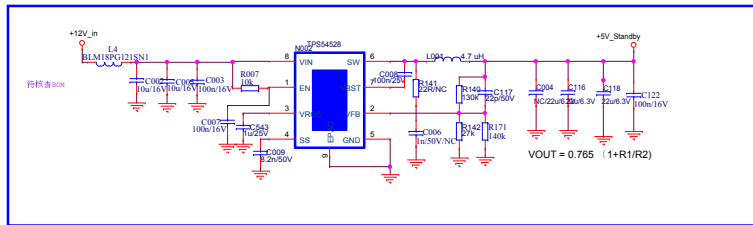
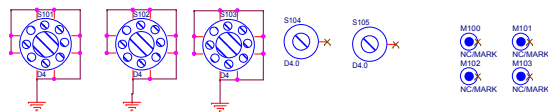
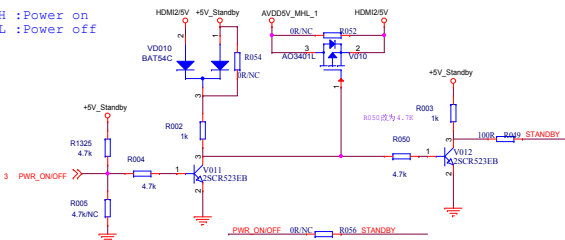


Power for panel

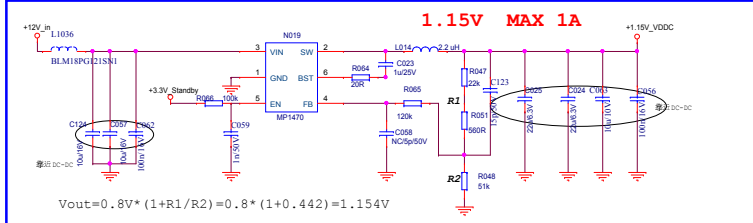


For MHL通道插入HDMI Calbe AC/DC ON死机问题

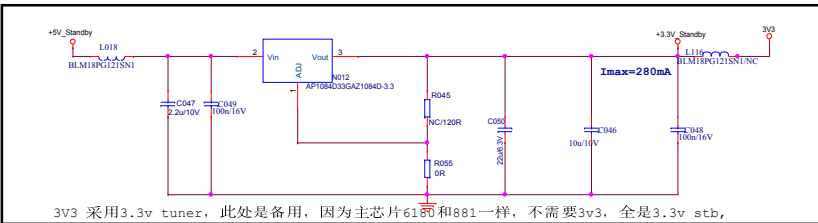
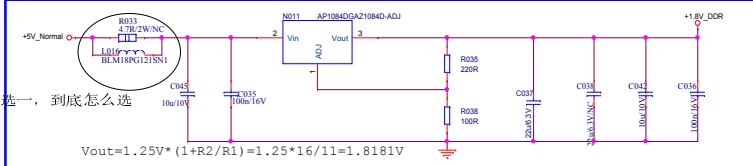
H : Power on
L : Power off



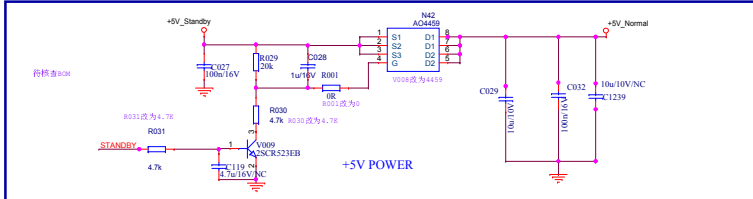
1.15V FOR 6180 CORE POWER



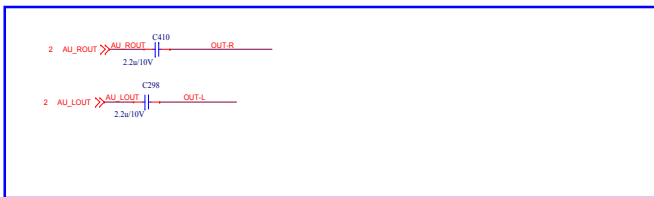
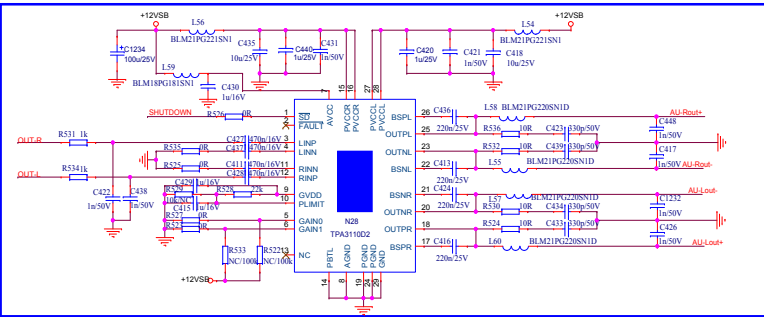
1.8V Power DDR2



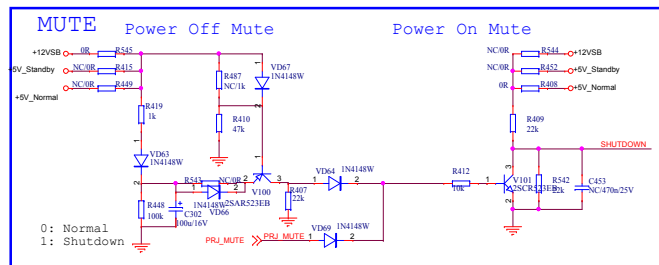
+5V POWER



工程机功放

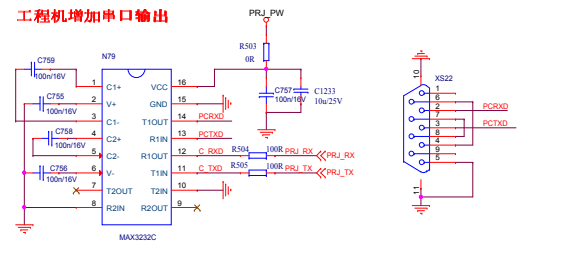


工程机静音电路

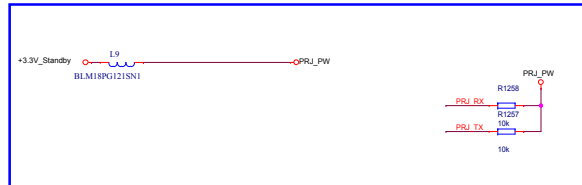


工程机串口

工程机增加串口输出

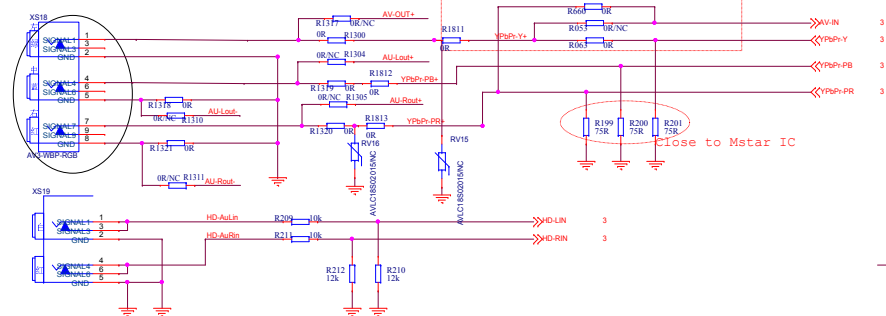


串口电源

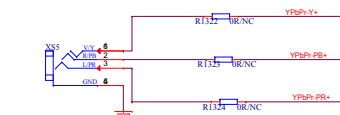


YPBPR & VIDEO普通机与工程机兼容

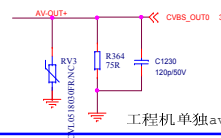
做工程机使用的时候使用物料1064242 AV端子\AV3-WB-YWR\ROH, 需要加绝缘垫片



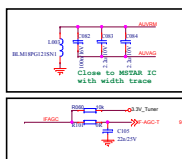
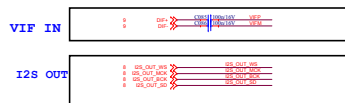
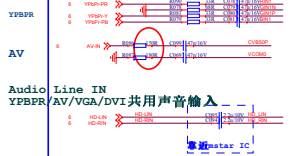
作为工程机时候使用一转三作为分量&av输入，非工程机使用三口端子作为分量&av输入



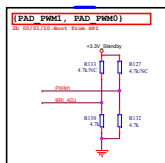
作为工程机时候使用一转三作为分量&av输入/整机BOM中NC



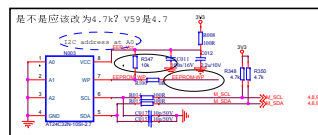
工程机单独av使用分量的绿色口



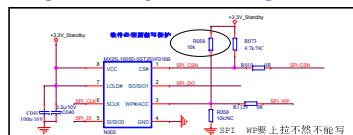
CHIP CONFIG



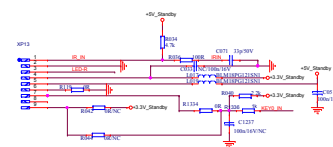
EEPROM



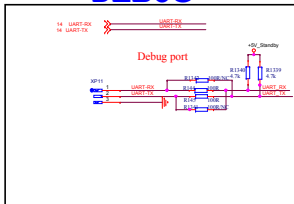
SPI NOR FLASH



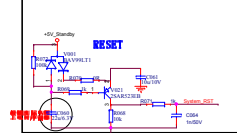
IR&KEYB



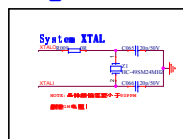
DEBUG



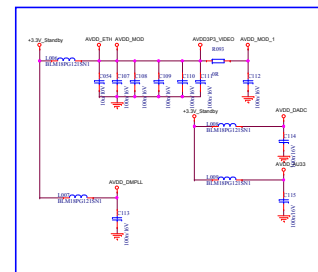
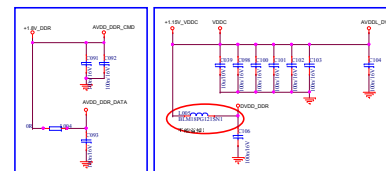
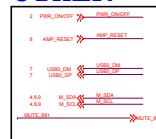
RESET



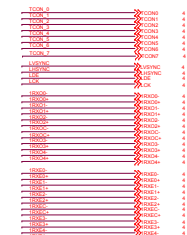
Crystal



OTHER

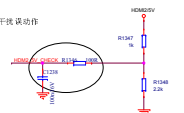


TCON & LVDS



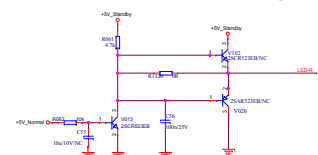
HDMI2 5V来电辅助检测
由于两路HDMI芯片内部共用一路CLOCK
导致来电无法分辨，所以需要加一个5v的辅助检测

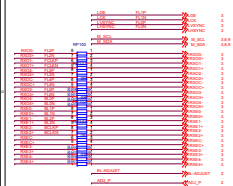
增加 $\pi 1346$ ，c1238 防止出现干扰误动作
靠主芯片端放置



是不是应该改为4.7k? V59是4.7

增加C1134, C1136, C1137, 并改了名称, 替换XXXX_2





mini LVDS 控制信号

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

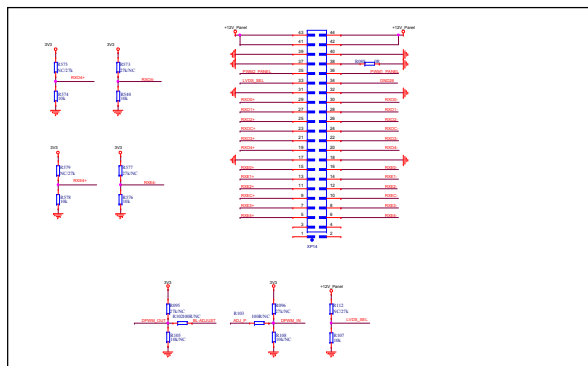
防止寄生电容的屏

防止寄生电容的屏

防止寄生电容的屏

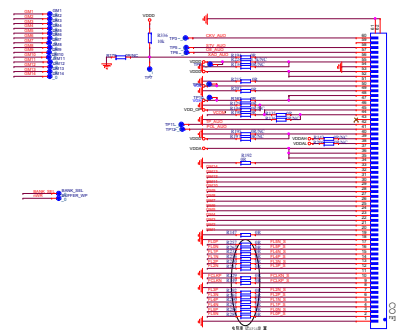
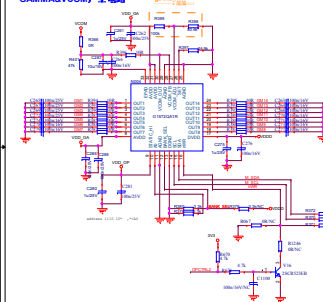
防止寄生电容的屏

防止寄生电容的屏



8x LVDS Connector

GAMMA&VCOM产生电路

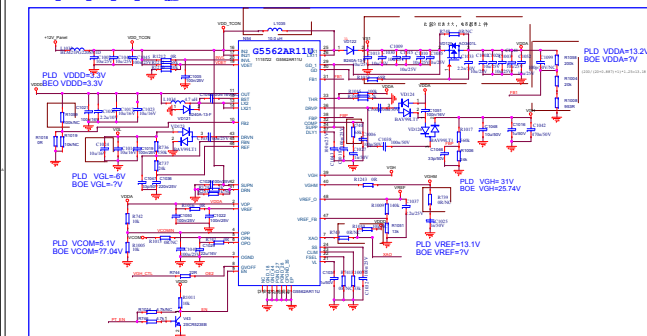


mini LVDS TX to TCON connector

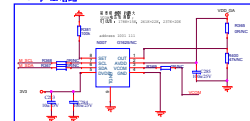
GAMMA——buffer参考电压



VDDA_VDD_VGH_VGL_VGM电压

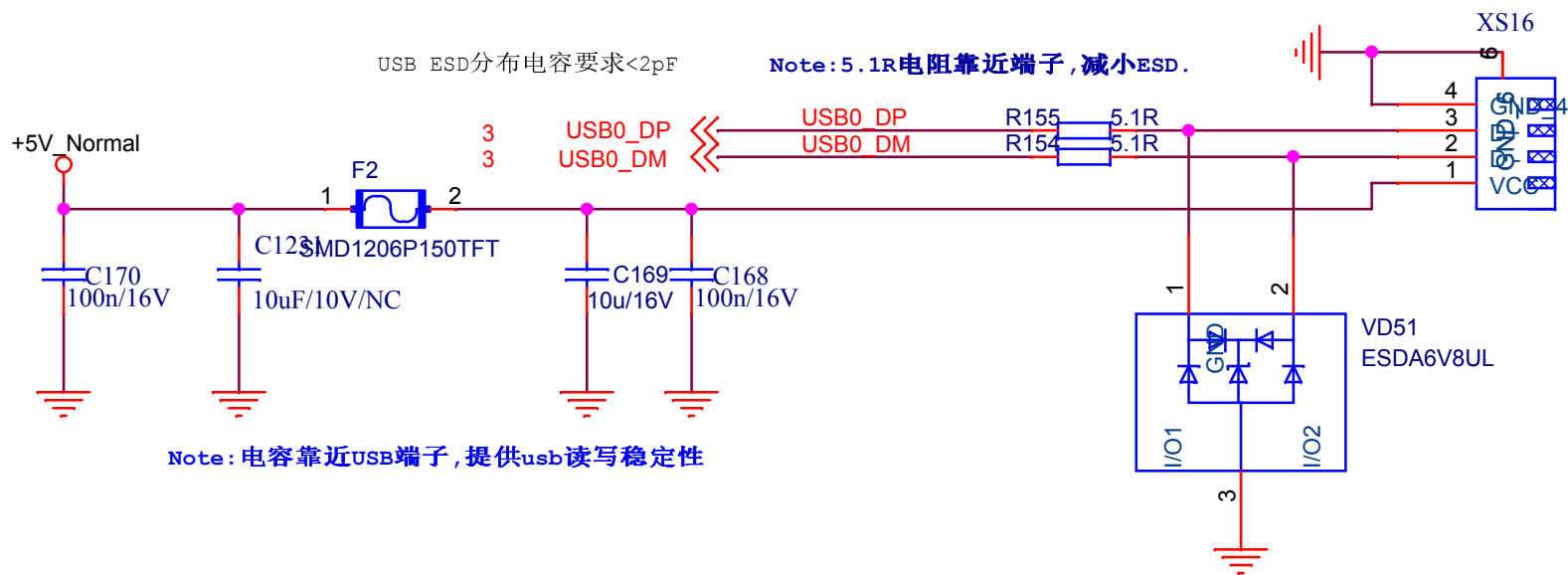


VCOM产生电路



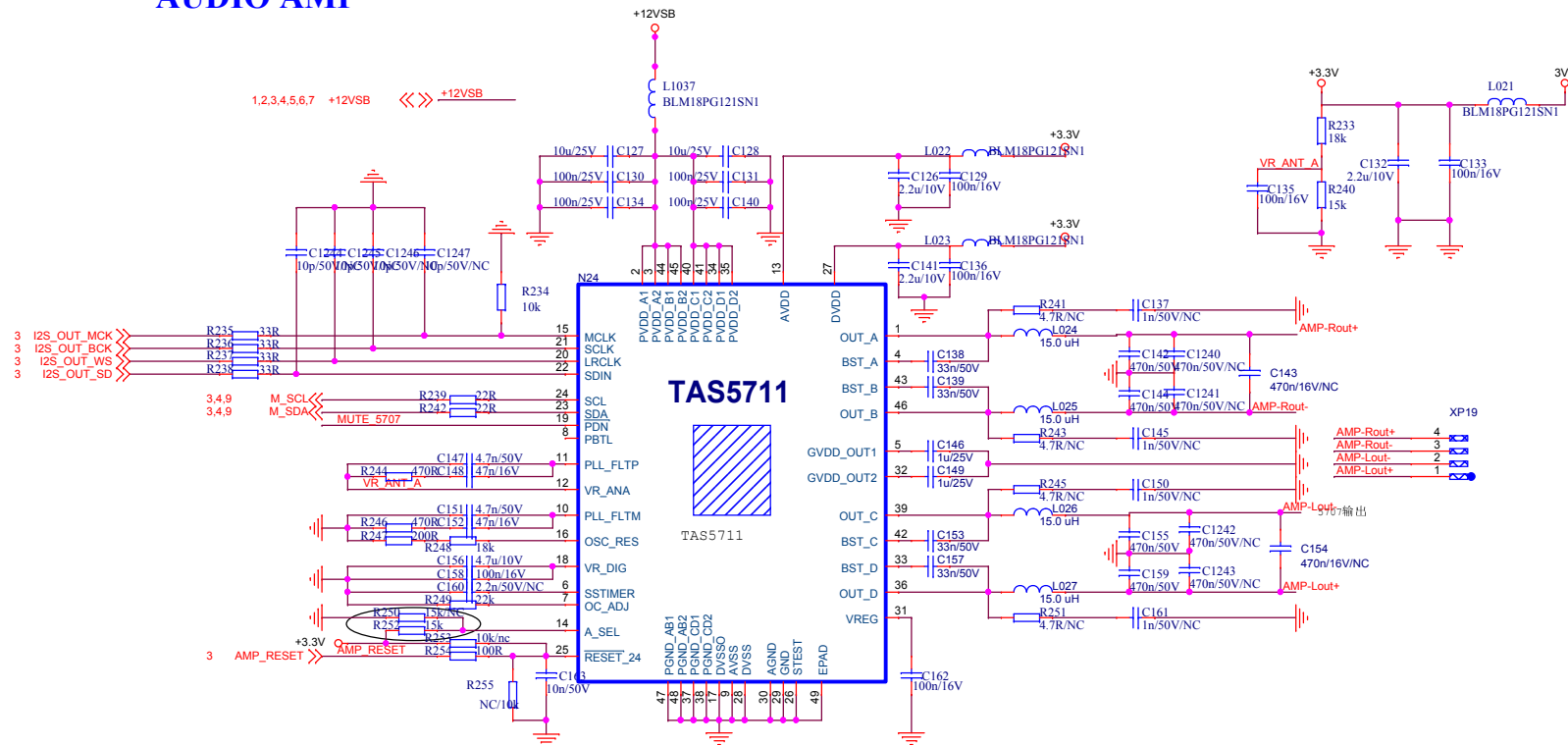
VDDAH / VDDAL POWER CIRCUIT





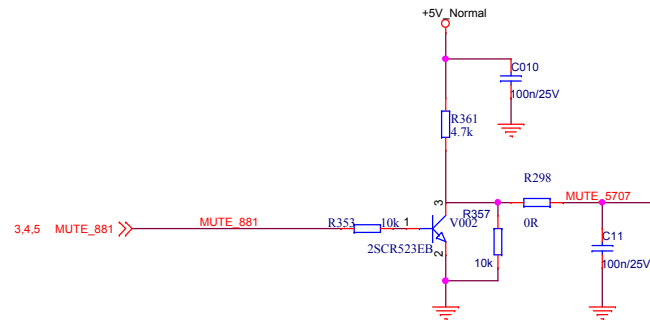
Title		
MSD6180ZB		
Size	Document Number	Rev
Custom	V1.0	1.0
Date:	Thursday, November 20, 2014	Sheet 7 of 11

AUDIO AMP



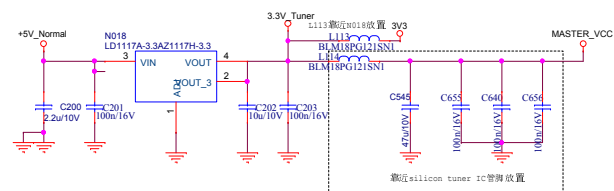
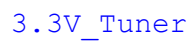
2014.5.24: 只加R252地址选择为0x36, 只加R250地址选择为R250, 必须选一个, 大家一般选0x36

MUTE CONTROL



静音请软件去控IIS, 这个mute信号不是严格意义上的mute, 这个如果掉电就得reset也再刷一次才行

Title		
MSD6180ZB		
Size	Document Number	Rev
Custom	V1.0	1.0
Date:	Thursday, November 20, 2014	Sheet 8 of 11



Title				
MSD6180ZB				
Size Custom	Document Number	V1.0		Rev 1.0
Date:	Thursday, November 20, 2014	Sheet	9	of 11

date	change list
20120914	
20121018	
20121023	

Title			
MSD6180ZB			
Size	Document Number		Rev
A	V1.0		1.0
Date:	Thursday, November 20, 2014	Sheet	11 of 11