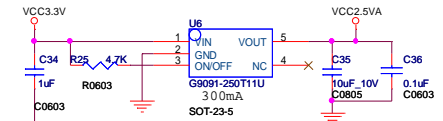
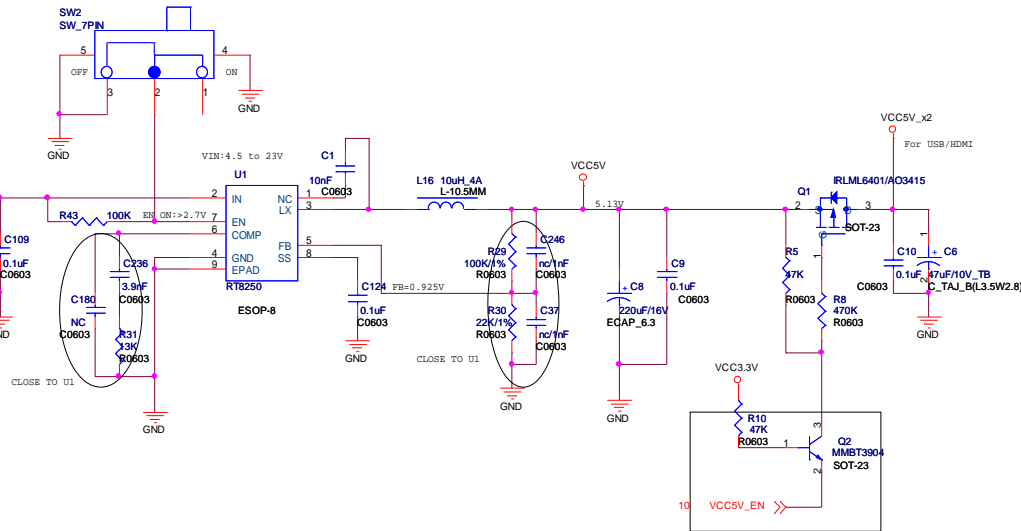
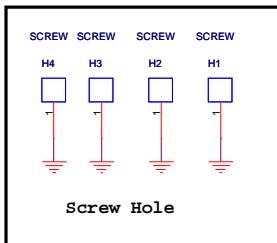
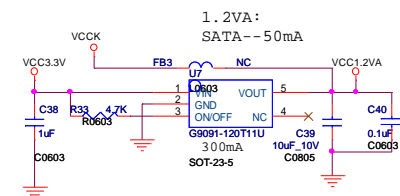


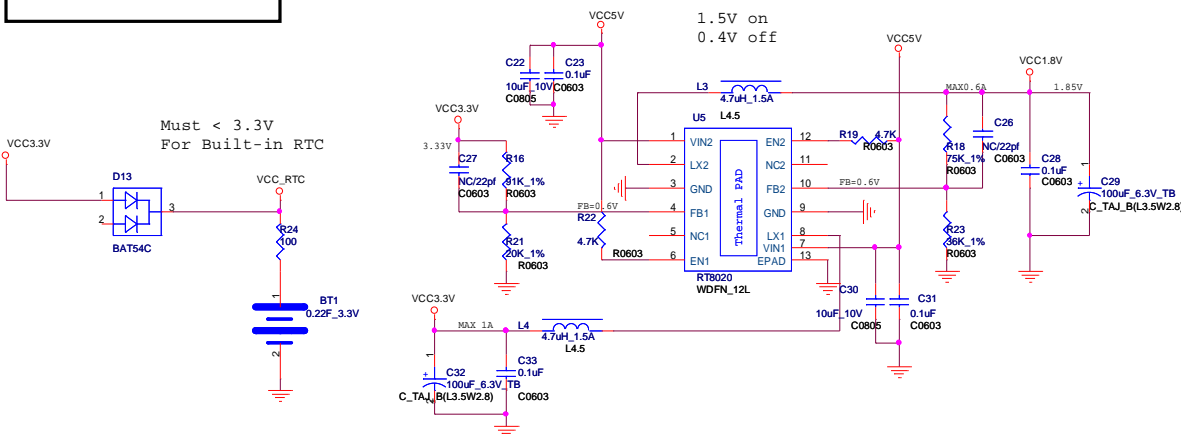
注意检查和
Layout是否对应



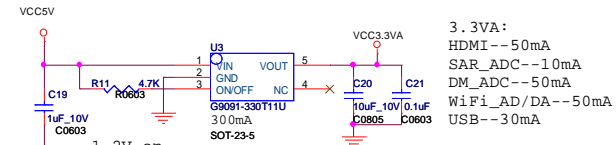
```
2.5VA:
Audio DAC--50mA
Video DAC--150mA
SATA --50mA
USB-- 30mA
```



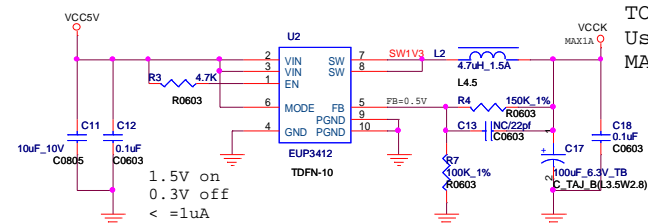
1.2VA:
SATA--50mA



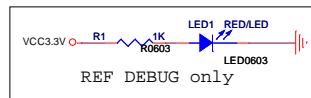
Must < 3.3V
For Built-in RTC



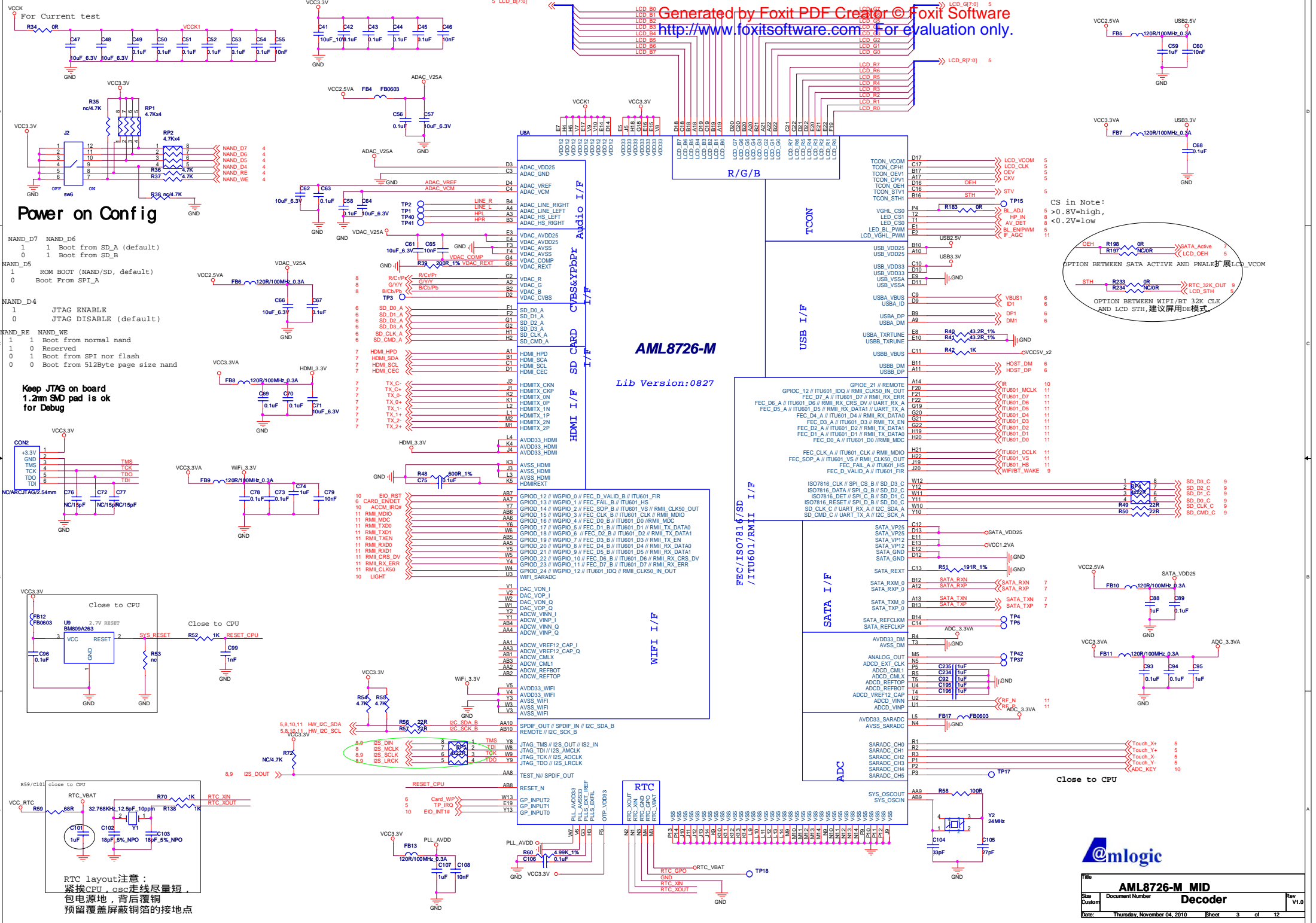
```
3.3VA:
HDMI--50mA
SAR_ADC--10mA
DM_ADC--50mA
WiFi_AD/DA--50mA
USB--30mA
```

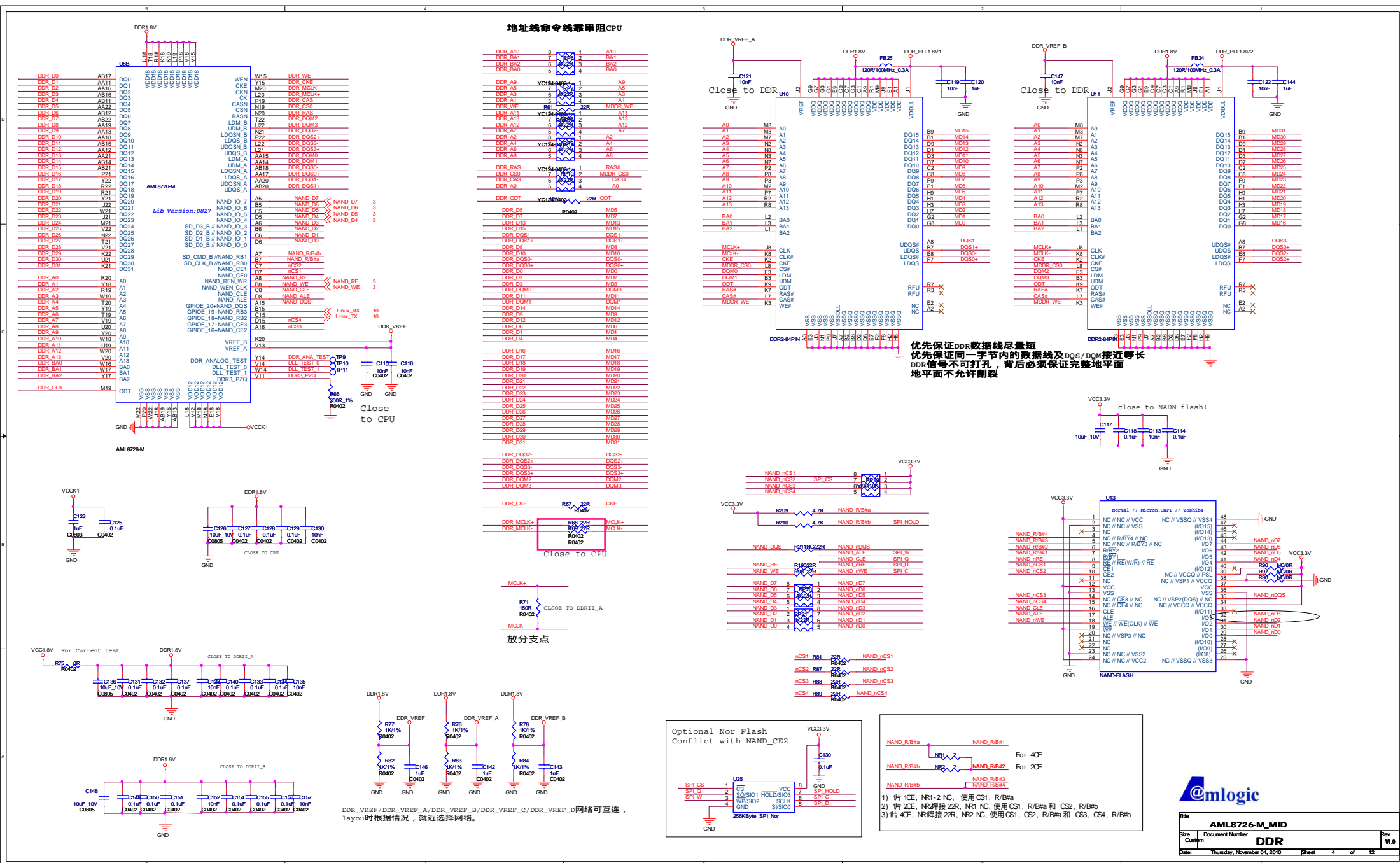


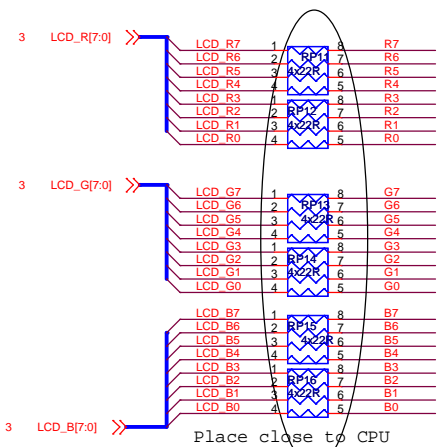
TO Decoder
Use 1.25V
MAX 1A



Title			
AML8726-M MID			
Size Custom	Document Number	POWER	Rev V1.0
Date:	Thursday, November 04, 2010	Sheet 2 of 12	

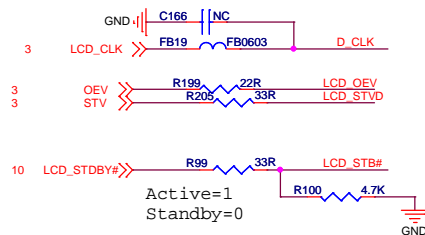




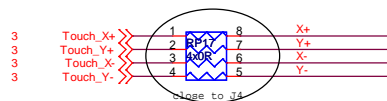


~~Place close to CPU~~

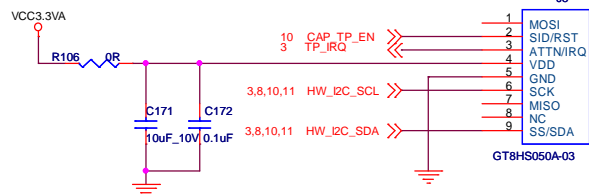
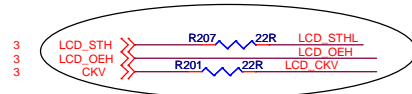
CLOSE TO panne l



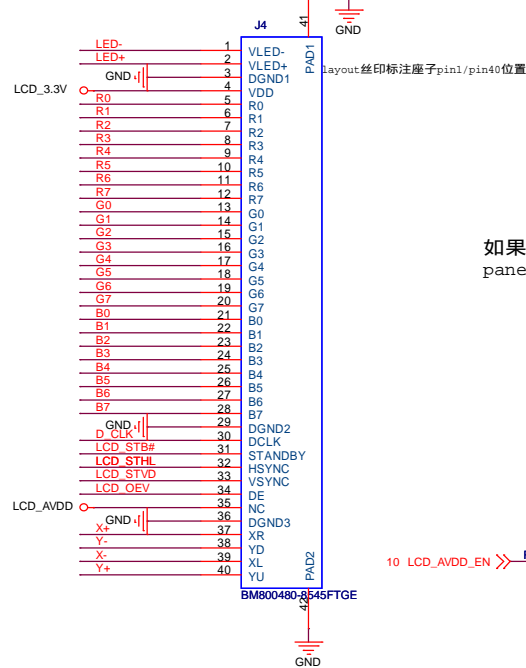
Active=1
Standby=0



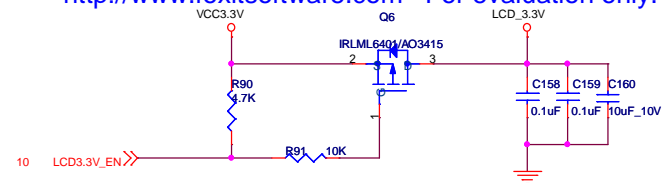
close to J4



Captive touch screen

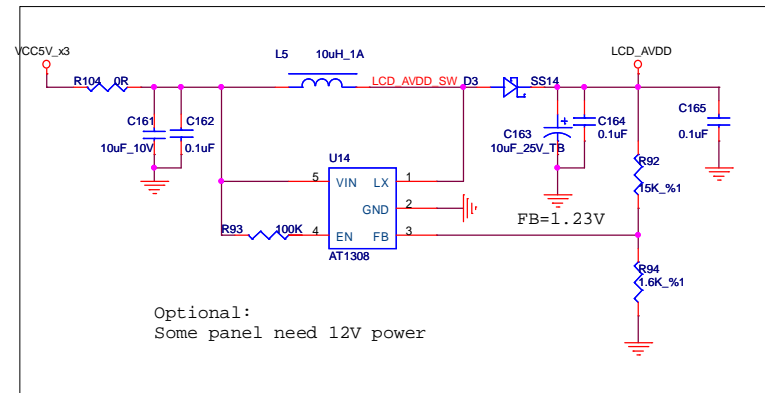
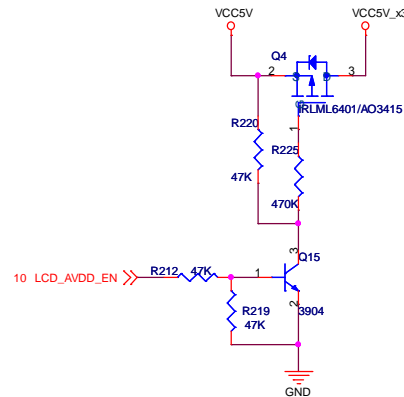


LCD Interface
注意检查layout
管脚排列方向是否正确

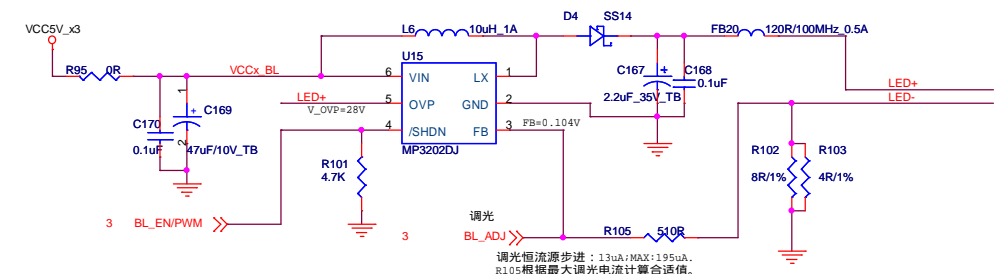


FOR LCD AVDD/BACKLIGHT

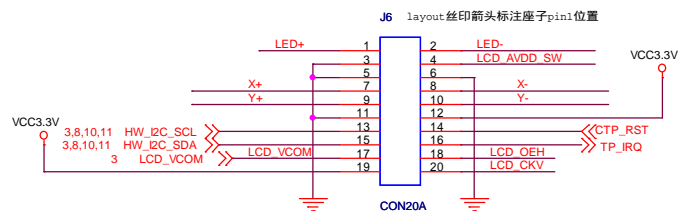
如果需要在HDMI输出模式时完全关断panel部分电源，加上此部分控制开关电路。



Optional:
Some panel need 12V power



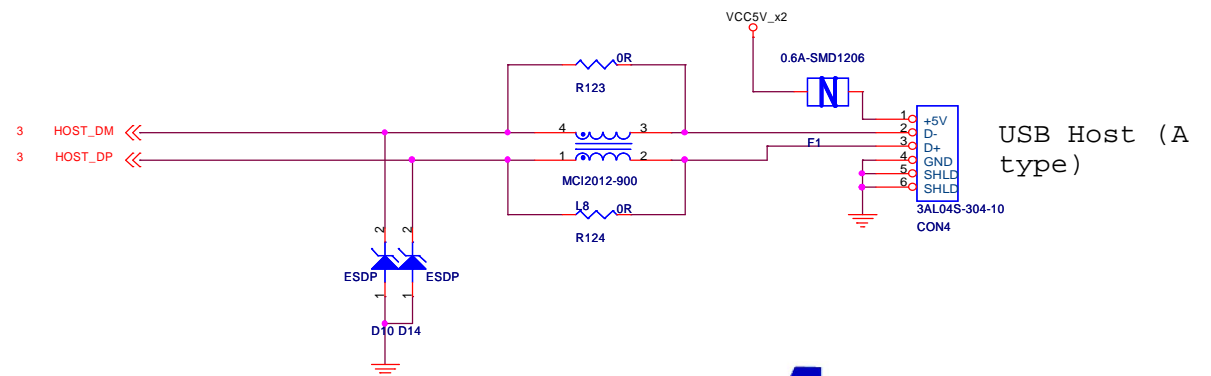
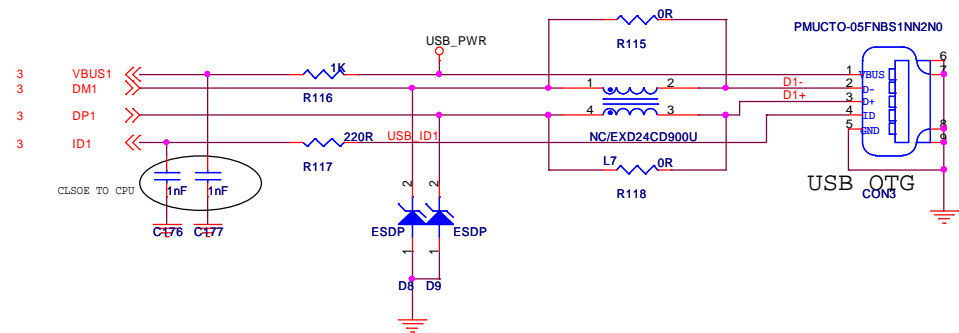
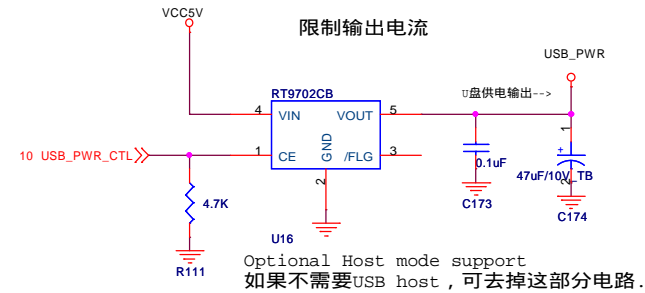
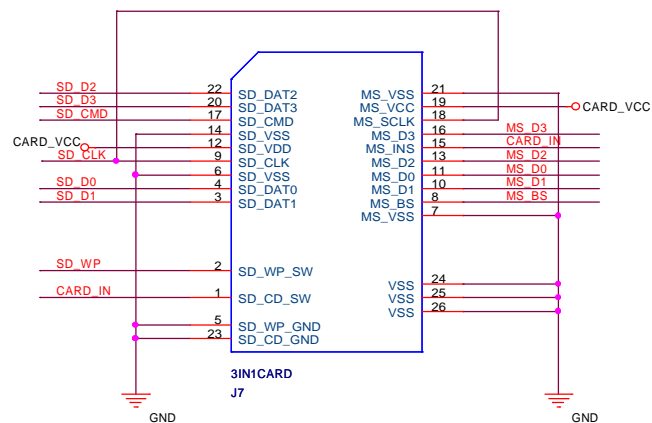
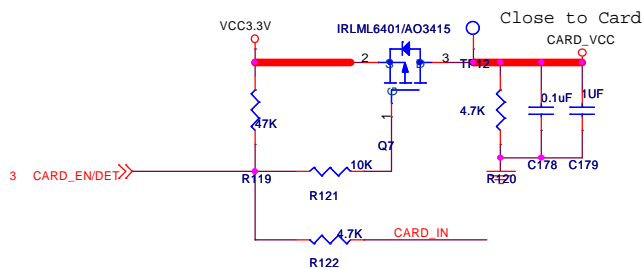
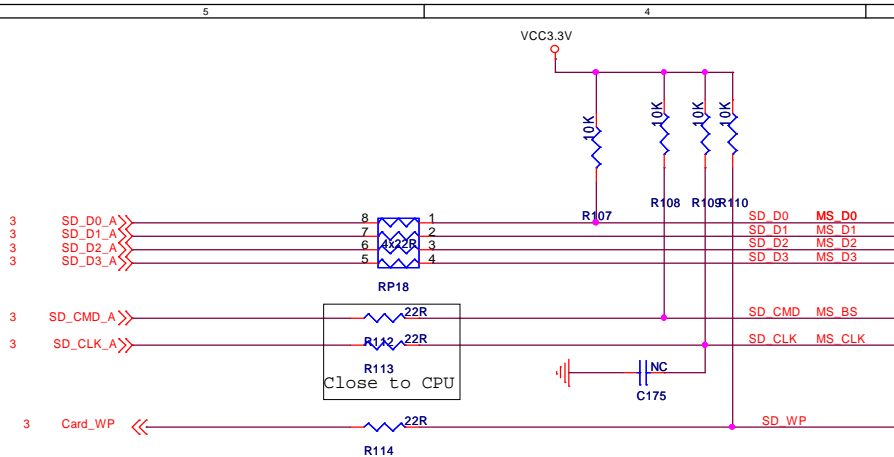
调光恒流源步进：13uA/MAX:195uA。
R105根据最大调光电流计算合适值。



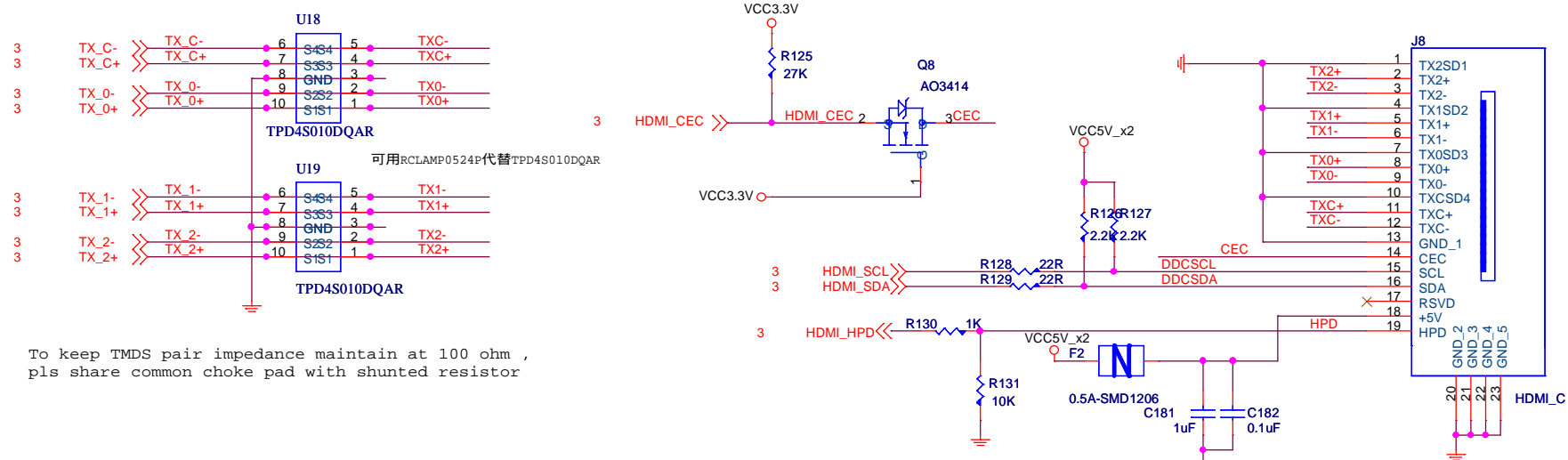
Other LCD & Touch Panel Interface



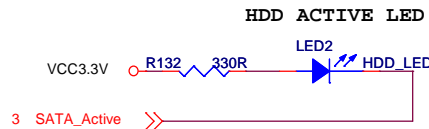
Title				
AML8726-M_MID				
Size	Document Number			Rev
Custom	Panel&Touch			V1.0
Date:	Thursday, November 04, 2010	Sheet	5	of 12



Title			
AML8726-M_MID			
Size	Document Number	Rev	
Custom	USB & Card	V1.0	
Date:	Thursday, November 04, 2010	Sheet	6 of 12

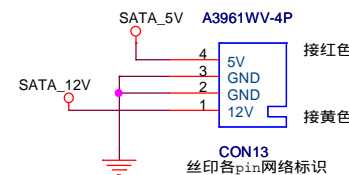
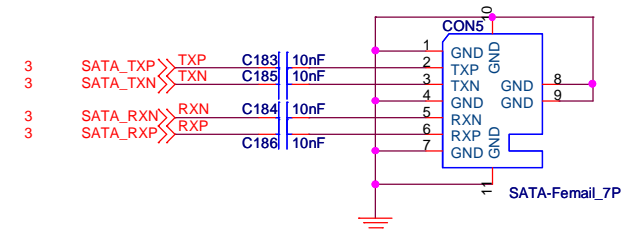
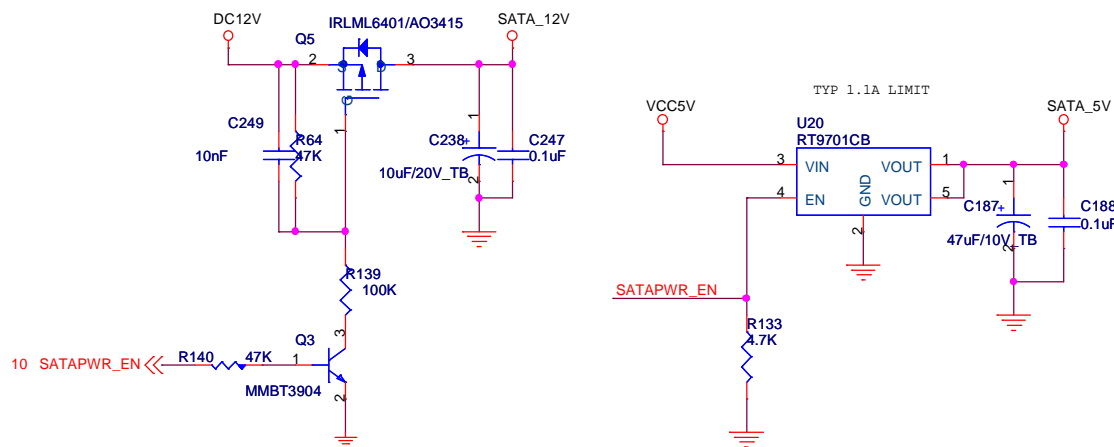


To keep TMDS pair impedance maintain at 100 ohm ,
pls share common choke pad with shunted resistor

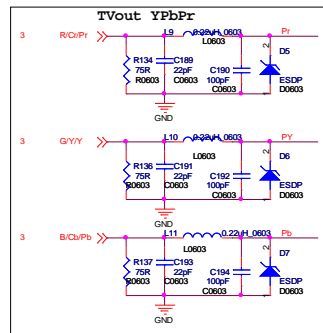


HDMI Spec.
+4.8V < PVDD5 < +5.3V

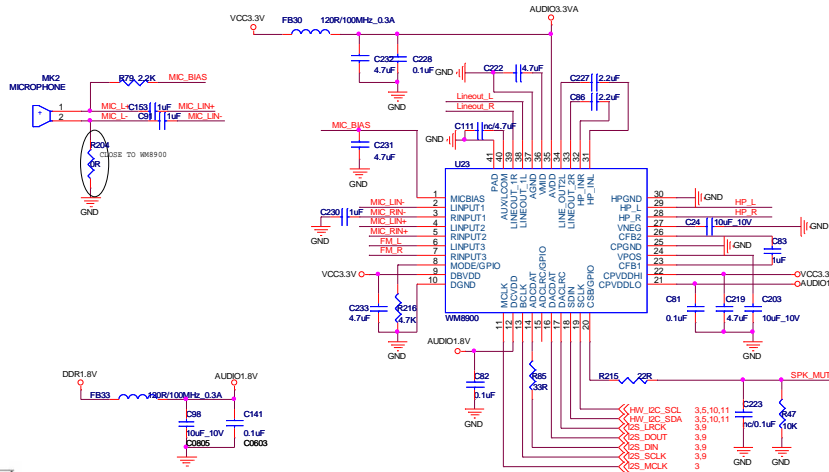
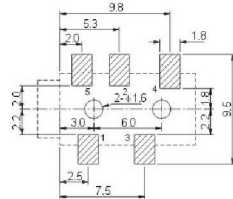
注意，此处信号为TypeC排列，
和TypeA,B座子信号排列不同



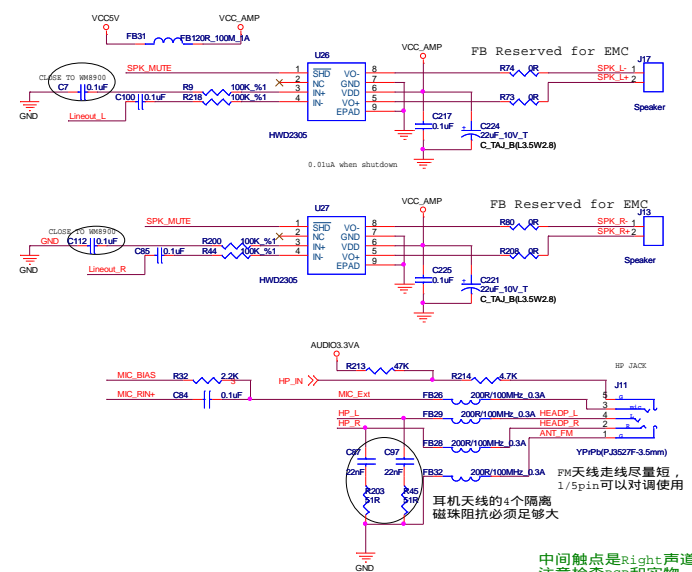
Title			
AML8726-M_MID			
Size	Document Number	HDMI & SATA Interface	
Custom			Rev V1.0
Date:	Thursday, November 04, 2010	Sheet	7 of 12



PJ3527F PCB LAYOUT TOP VIEW

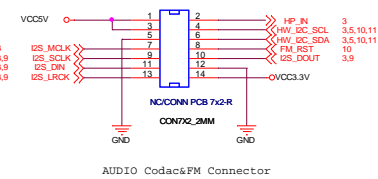


FM Circuit



中间触点Right声道
注意检查PCB和实物，
确认声道连接是否正确

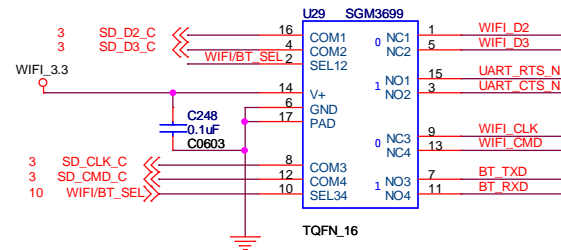
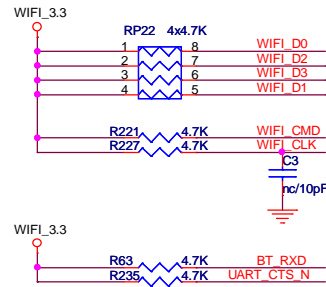
layout丝印箭头标注子pin位置



AUDIO Codac&FM Connector

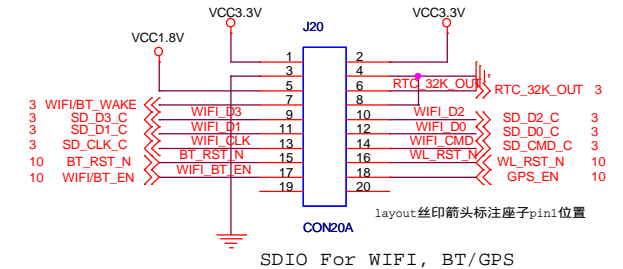


Title		AML8726-M_MID	
Size	Document Number	Audio & PY/Pr/Pb	
Custom		Rev V1.0	
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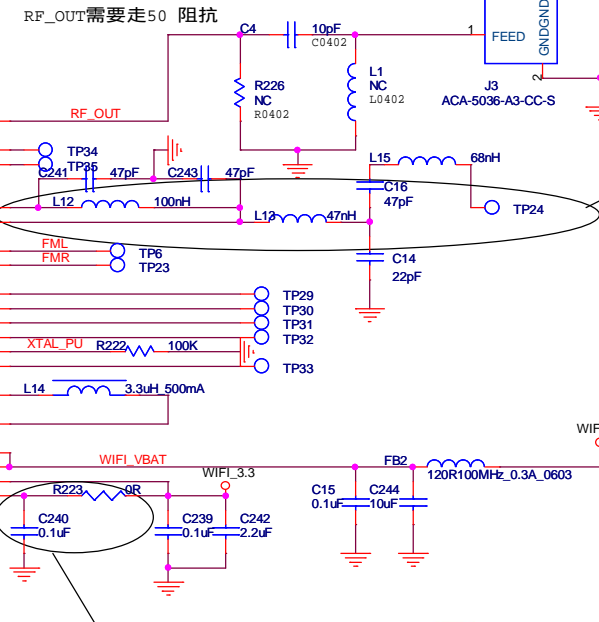
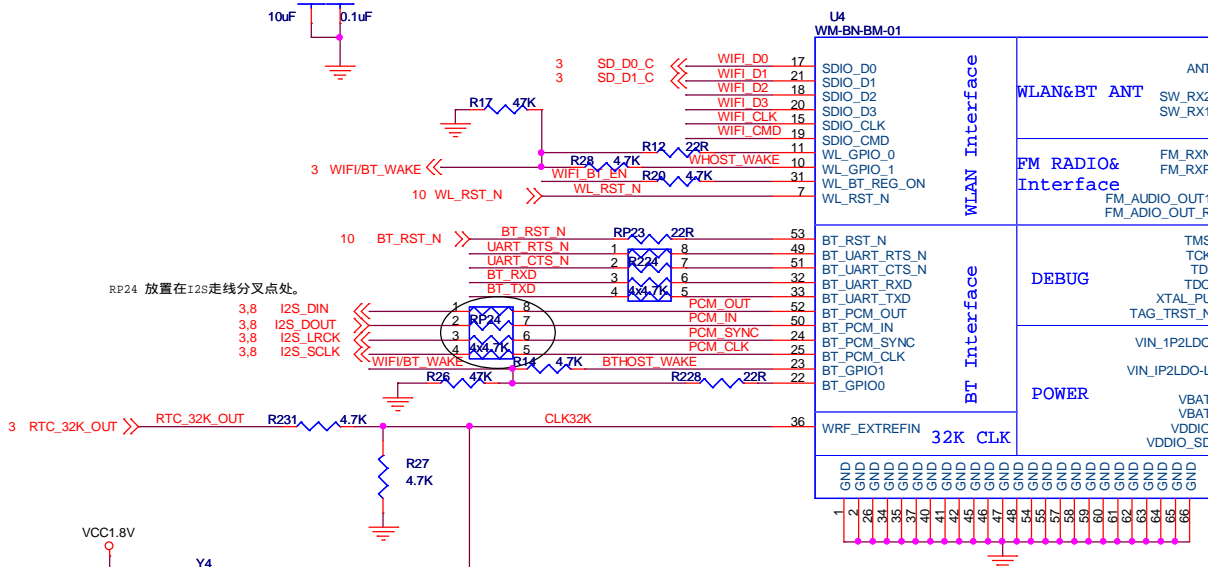
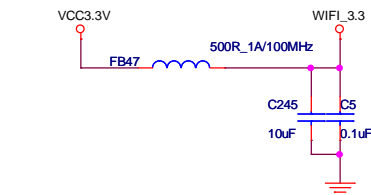


When use WIFI, set WIFI_SEL=0
When use BT, set WIFI_SEL=1

	WIFI	BT
WIFI/BT_SEL H	OFF	ON
WIFI/BT_SEL L	ON	OFF



SDIO For WIFI, BT/GPS



天线的Layout要根据
天线厂家特定的要求来做。
同时考虑产品的结构。

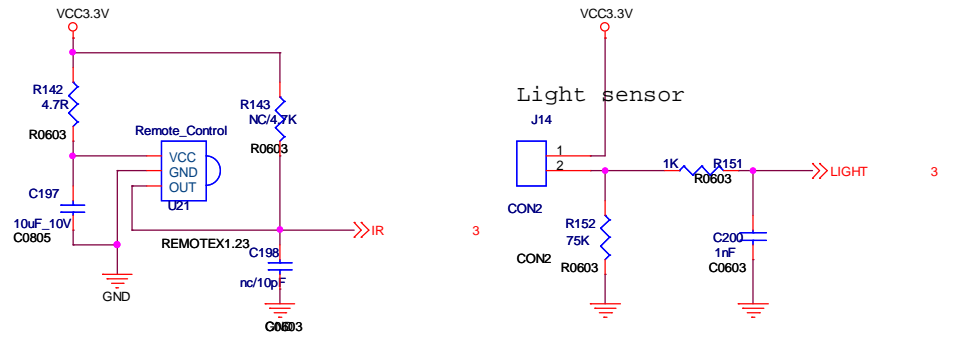
WIFI&BT的天线可以用
陶瓷、PCB等

使用4319模块时，
此部分不焊接，或删掉

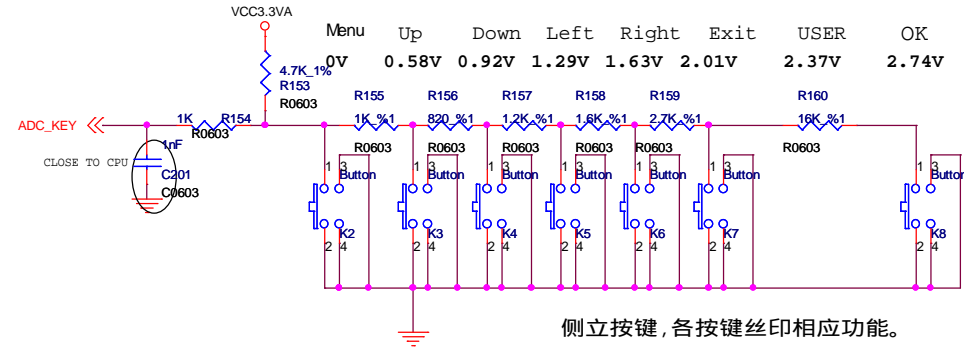
WM-BN-BM-01使用Broadcom的4329，
同时支持WIFI(802.11b/g/n)、蓝牙、FM。
若不需要蓝牙、FM，可选用Broadcom的
4319模块WM-N-BM-01，两者为PIN-PIN。



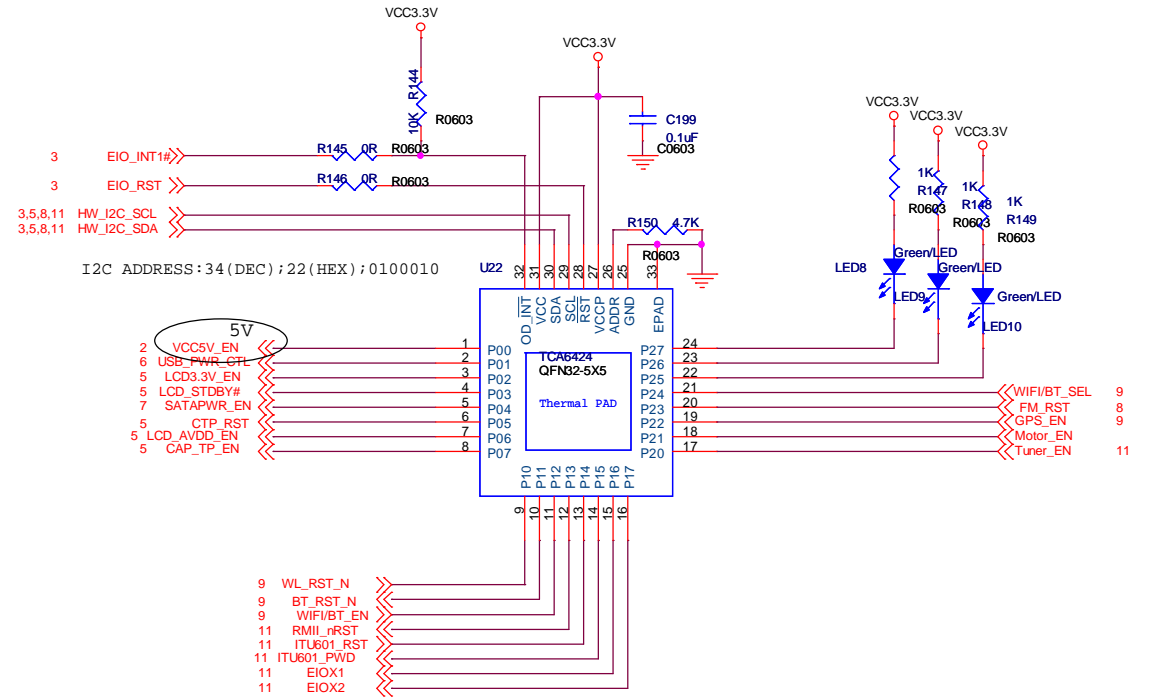
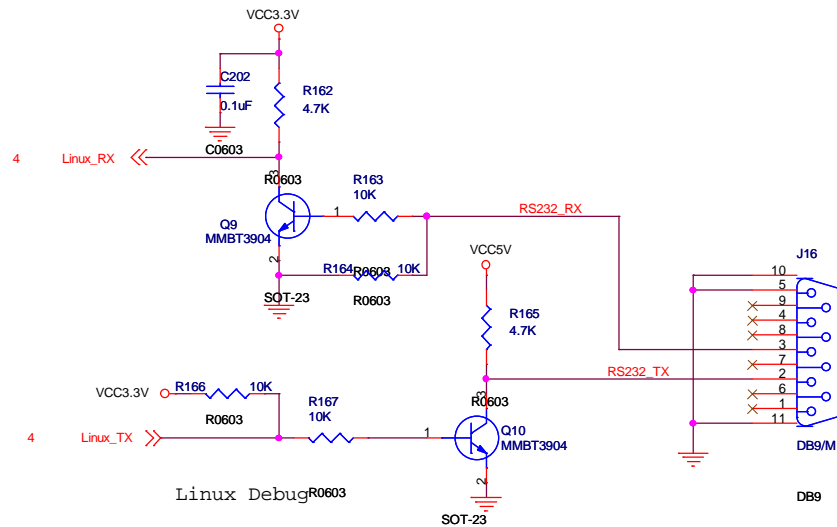
Title	AML8726-M_MID	Rev	V1.0
Size	Document Number		
Custom			
Date:	Thursday, November 04, 2010	Sheet	9 of 12



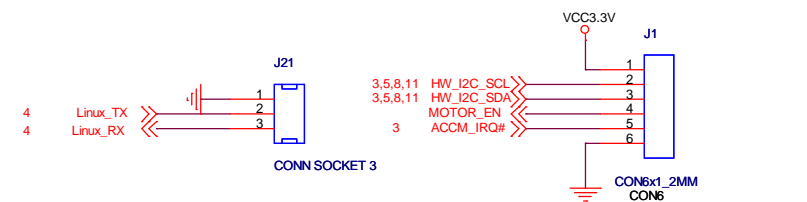
需要较少按键时，可以去掉一些按键，合并阻值。
同时按下多个按键时，检测到最左边低压按键，
OK键等特殊按键应当放在右侧高压端。若需要增加USER键时，
可将R160拆成4.7K和11K，在K7/K8间增加一个按键



侧立按键，各按键丝印相应功能。



layout丝印箭头标注座子pin1位置



重力加速度/指南针/motor sensor connector



Title	AML8726-M_MID		
Size	Document Number	Rev	V1.0
Custom	KEY, IR, EIO& Sensor CNN		
Date:	Thursday, November 04, 2010	Sheet	10 of 12

