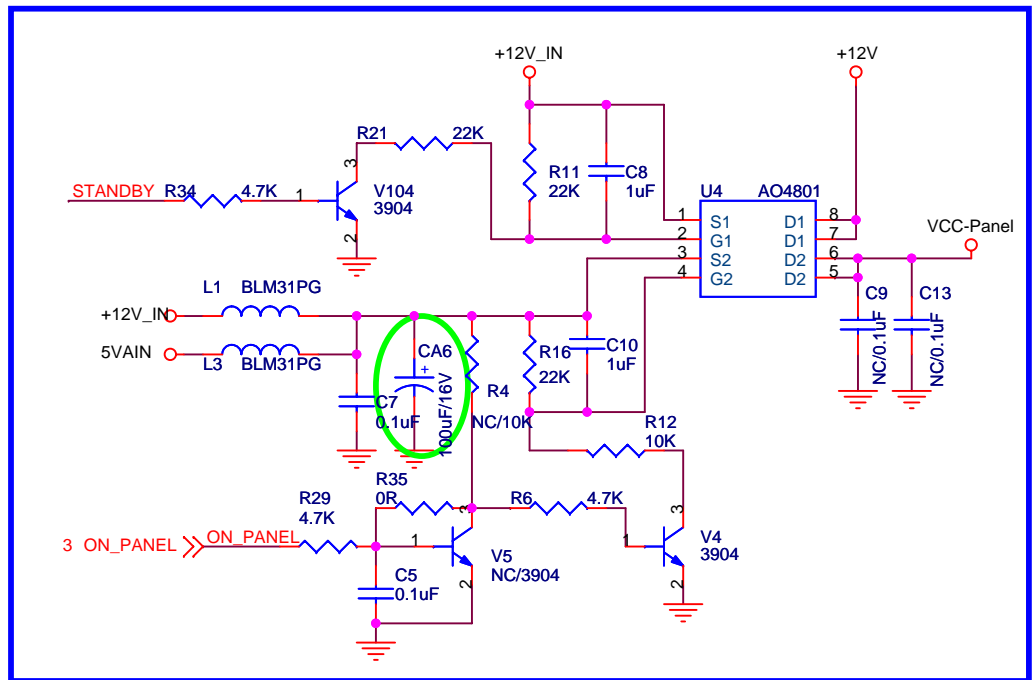
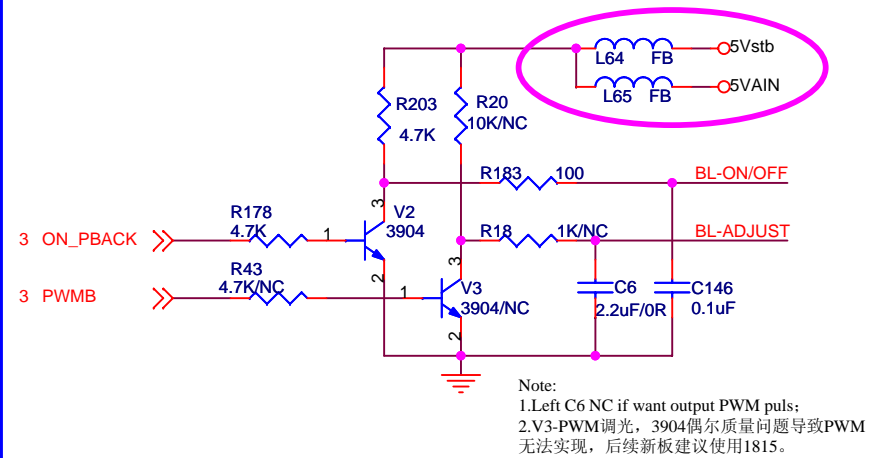
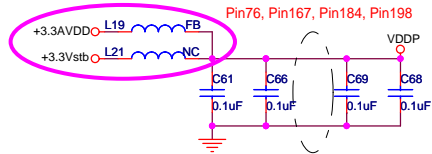
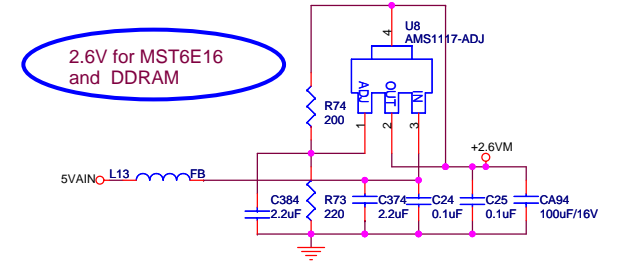
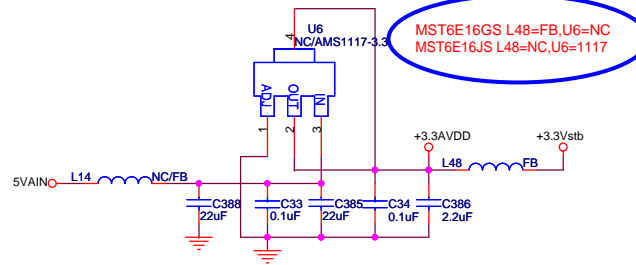
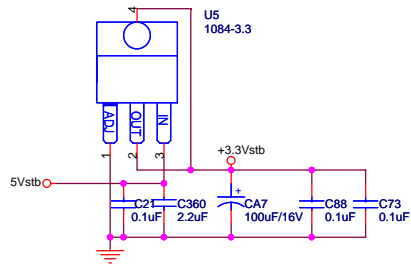


T0 Inverter Board

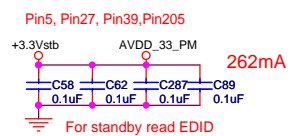




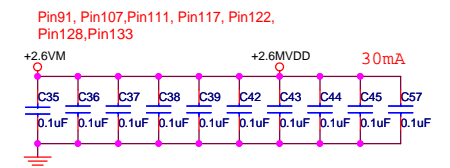
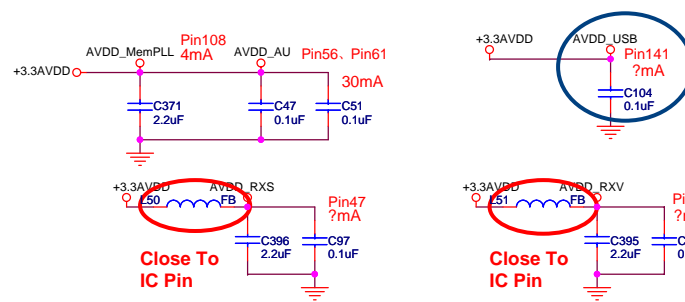
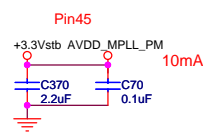
FOR use DDR, +2.6VM must be 2.6V

+2.6V for MST6E16

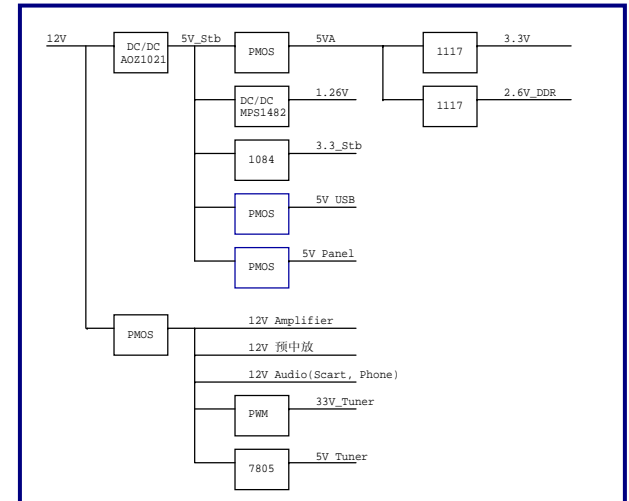
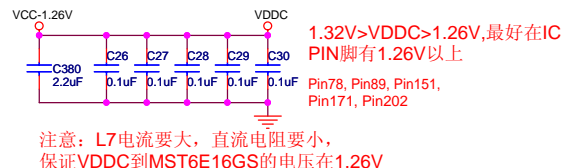
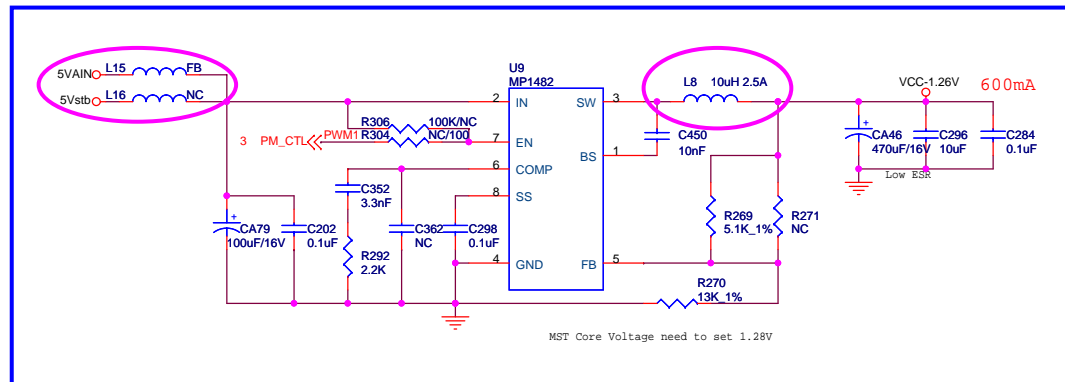
+3.3Vstb for AVDD_33

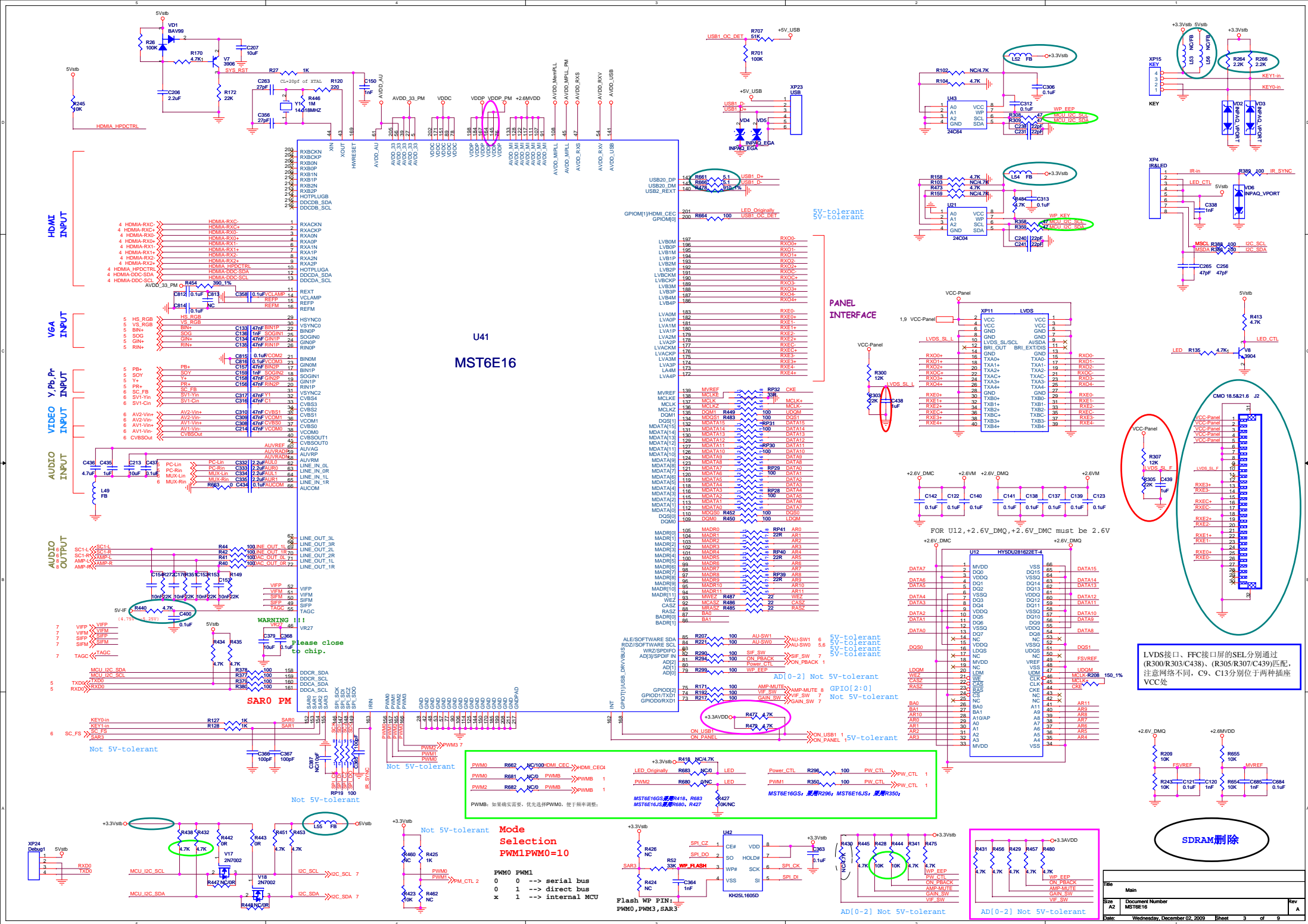


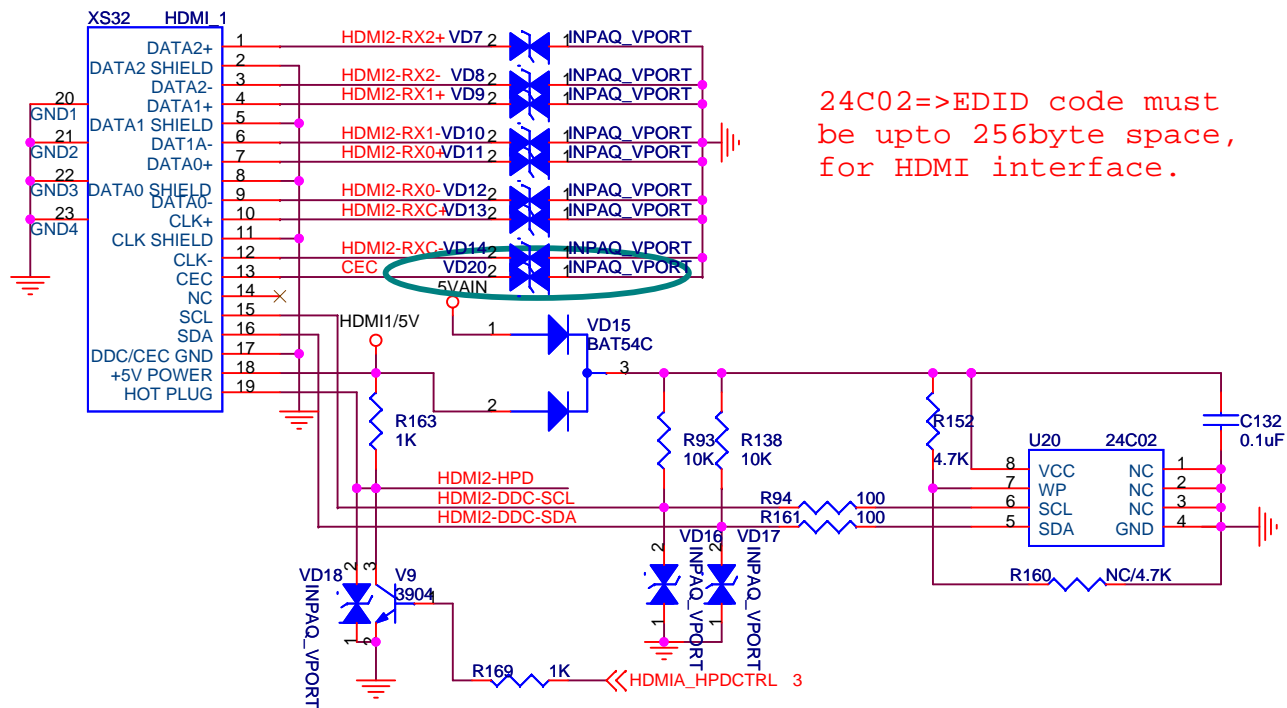
+3.3Vstb for VDD_MPLL



Vcc 1.26V for MST6E16 Core power

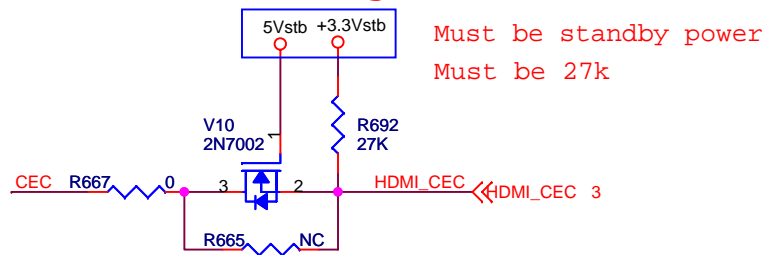




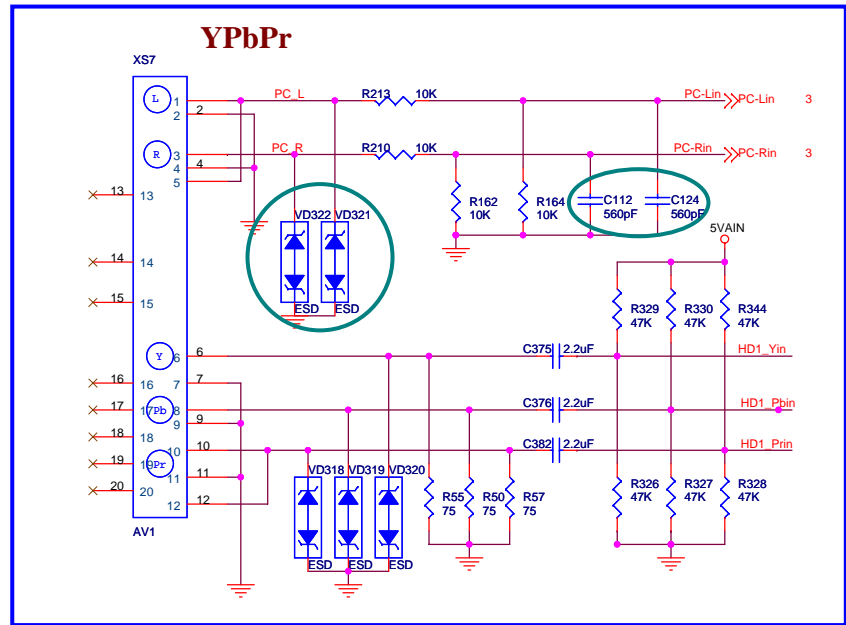
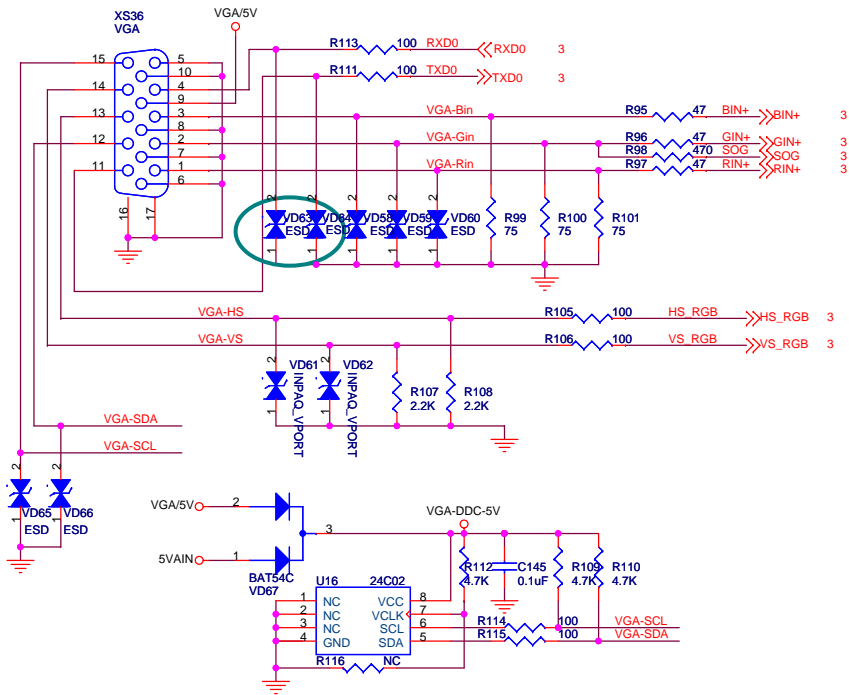


HDMI2-RX2+	R182	10	HDMIA-RX2+	HDMIA-RX2+ 3
HDMI2-RX2-	R184	10	HDMIA-RX2-	HDMIA-RX2- 3
HDMI2-RX1+	R185	10	HDMIA-RX1+	HDMIA-RX1+ 3
HDMI2-RX1-	R190	10	HDMIA-RX1-	HDMIA-RX1- 3
HDMI2-RX0+	R206	10	HDMIA-RX0+	HDMIA-RX0+ 3
HDMI2-RX0-	R173	10	HDMIA-RX0-	HDMIA-RX0- 3
HDMI2-RXC+	R175	10	HDMIA-RXC+	HDMIA-RXC+ 3
HDMI2-RXC-	R176	10	HDMIA-RXC-	HDMIA-RXC- 3
HDMI2-DDC-SCL	R177	100	HDMIA-DDC-SCL	HDMIA-DDC-SCL 3
HDMI2-DDC-SDA	R181	100	HDMIA-DDC-SDA	HDMIA-DDC-SDA 3

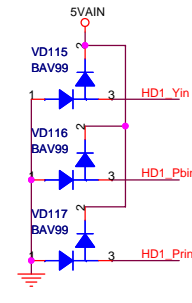
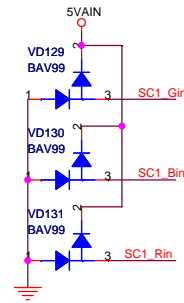
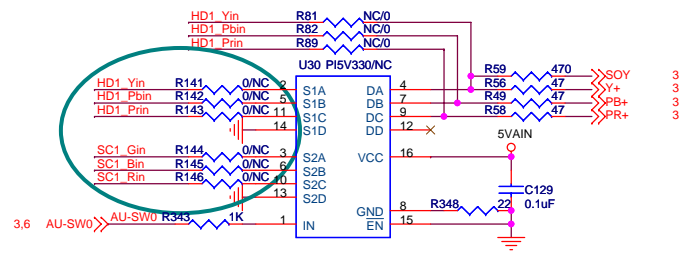
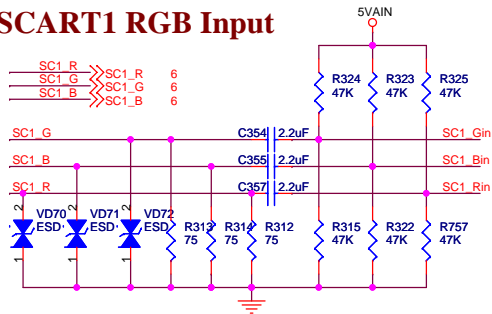
For CEC Leakage Protect



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		Title HDMI	
Size A4	Document Number MST6E16		Rev A
Date: Saturday, April 25, 2009		Sheet 4 of 9	



SCART1 RGB Input

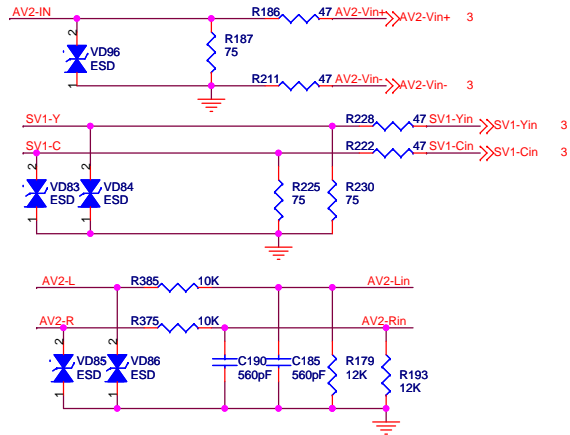
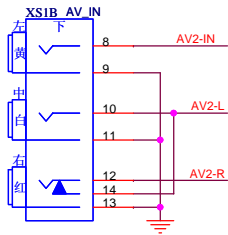


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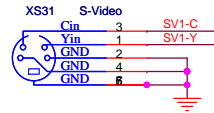
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Title		VGA&Component
Size	Document Number	Rev
A3	MST6E16	A
Date:	Friday, July 24, 2009	Sheet 5 of 9

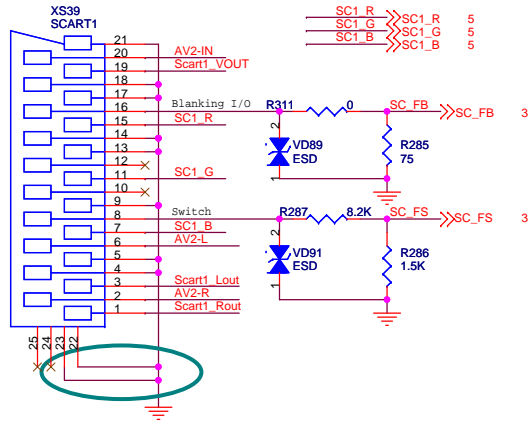
AV2 Input



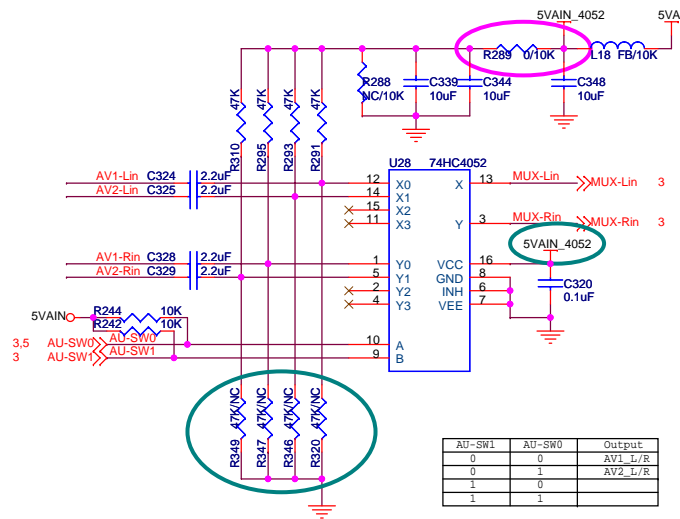
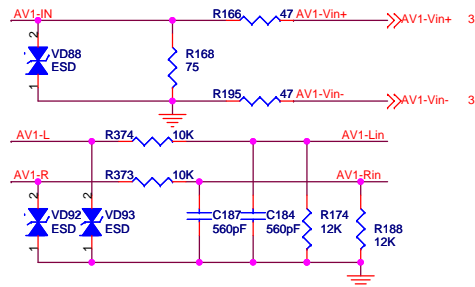
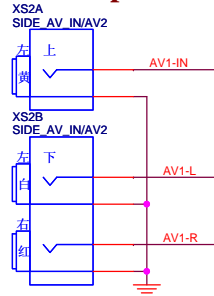
S-Video Input



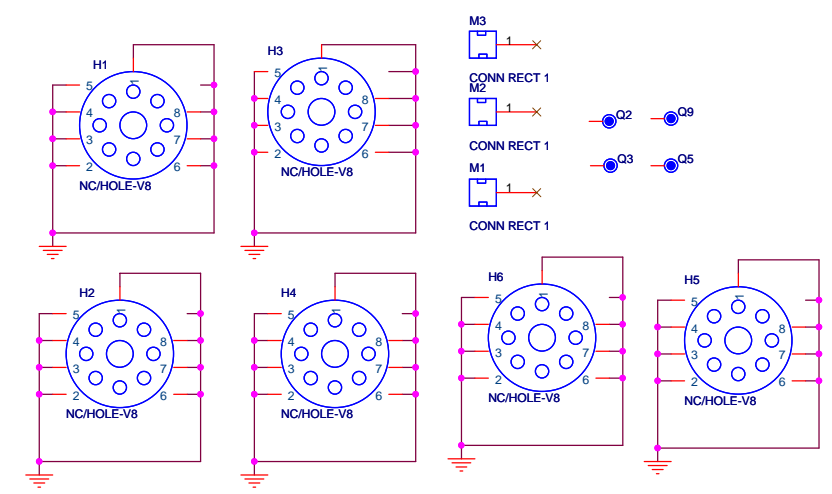
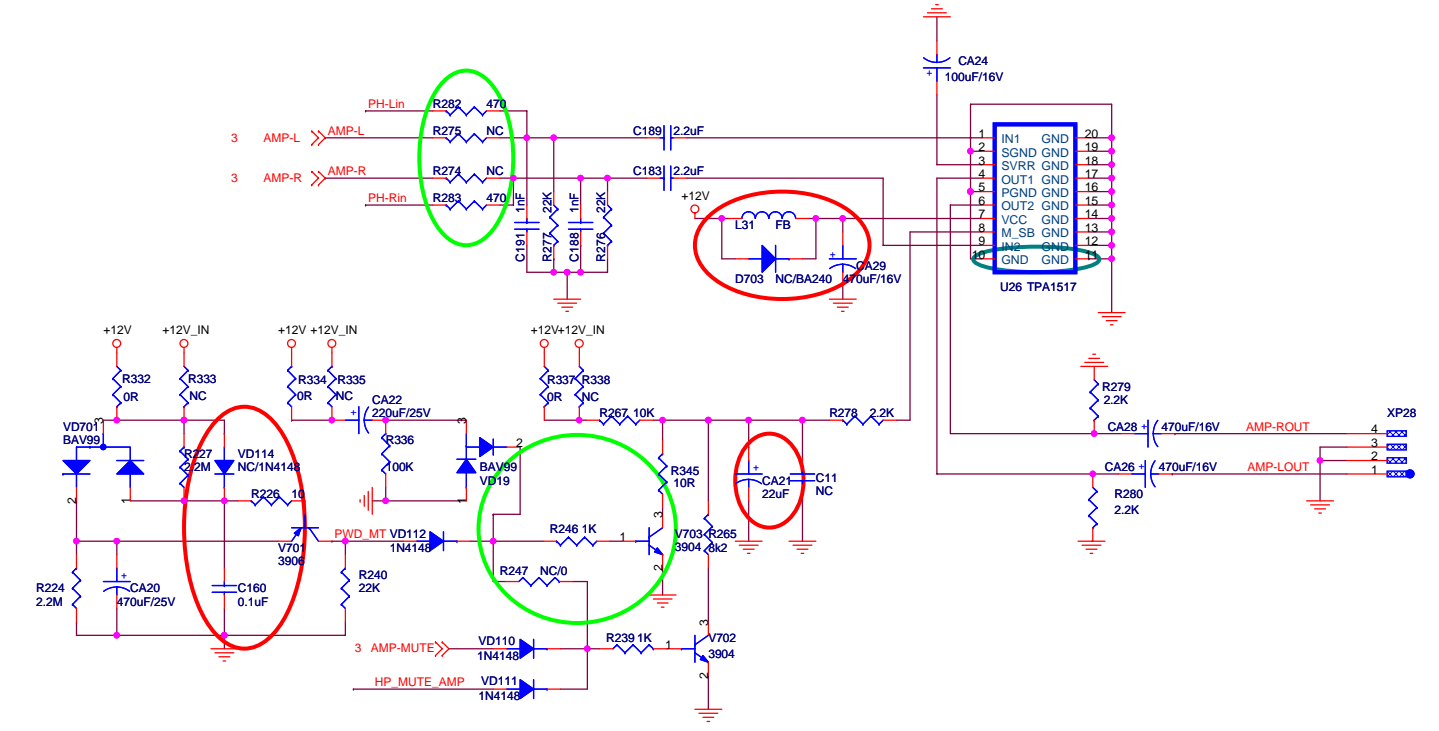
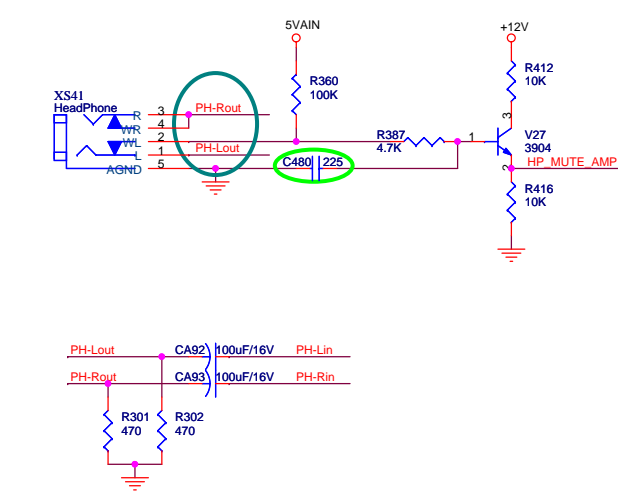
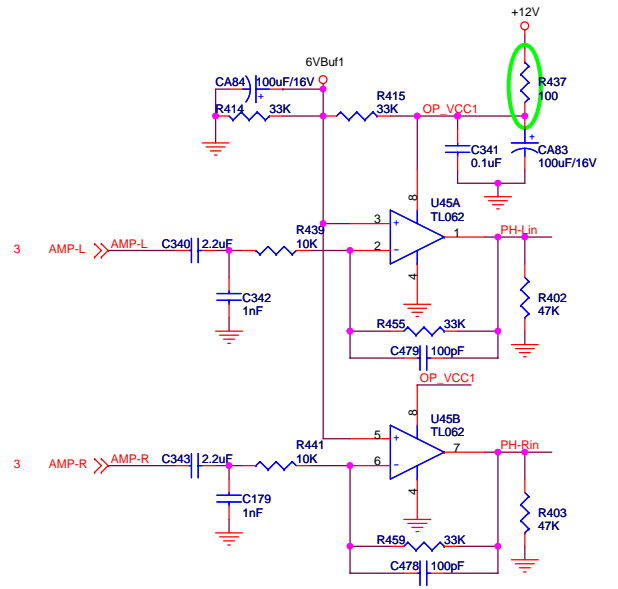
SCART1 Input



AV1 Input



TPA1517(可兼容TDA1517P,10、11NC即可)



Version A:在LCD22W57DEU_ZB_1701_C的基础上更改。

Page1

- 1、STANDBY部分待机低功耗IC电路，注意采用原芯片增加R37、R38 0R；
- 2、BL_ON/OFF、BL_ADJUST上拉电压预留；
- 3、USB滤波电容位置预留；

Page2

- 1、DCDC部分待机低功耗IC电路，L8物料更换（成本），注意采用原芯片增加L16、更换L8；
- 2、VDDP、VDDP_PM调整，注意涉及电容排布，建议丝印依照原理图；

Page3

- 1、LED、PWMB、HDMI_CEC等网络调整，注意采用原芯片增加R683；
- 2、ON_USB1、ON_PANEL上拉增加；
- 3、PW_CTL调整，注意IC差异；
- 4、部分GPIO上拉电压更改，参照紫红标注部分；

Page6

- 1、4052 VCC电路优化，兼容原板增加R289 0R；
- 2、CVBSout VCC滤波电容，增加C346、C347；

Page4-6

压敏电阻封装更改为0402，注意兼容原板定额更改；

Page7

增加R352、R353，注意兼容原板定额更改。

Version B:在MST6E16JS_ZB_1861_A的基础上更改。

Page1

- 1、CA6位置调整，避免部分屏掉电残影等问题；

Page2

- 1、删除L19、L21；//改板方便，不再更改；

Page3

- 1、删除R456、R480；//改板方便，不再更改；
- 2、调整LED网络，删除R684,增加R427；
- 3、PCB增加主芯片散热焊盘；

Page6

- 1、增加C194；

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Title		Revision	
Size	Document Number		Rev
A4	MST6E16		A
Date:	Thursday, July 30, 2009		Sheet 9 of 9