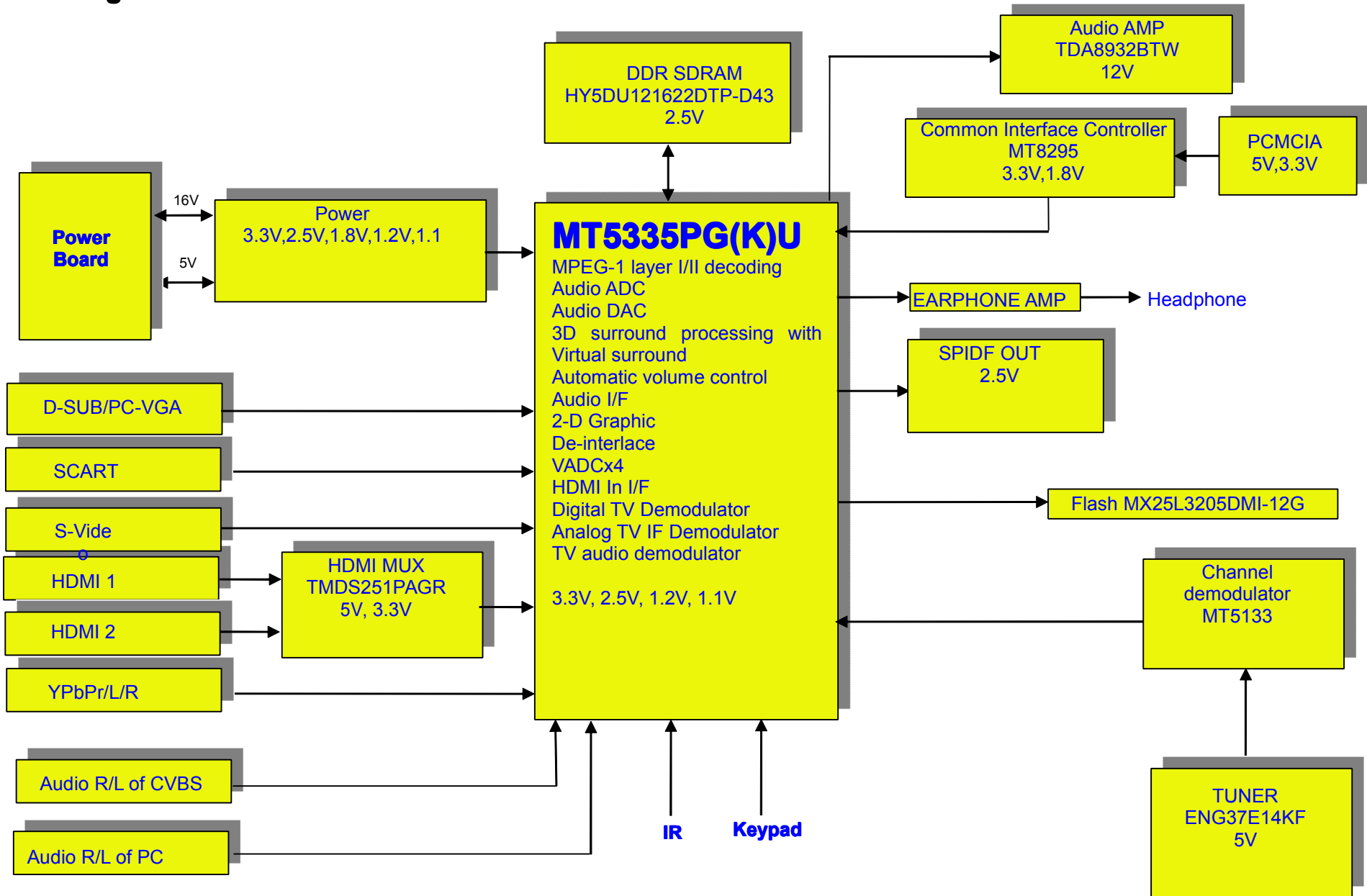
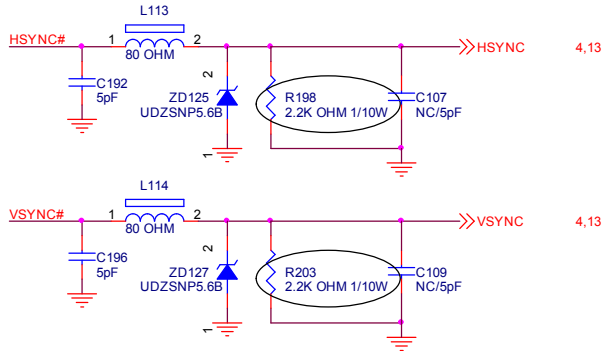
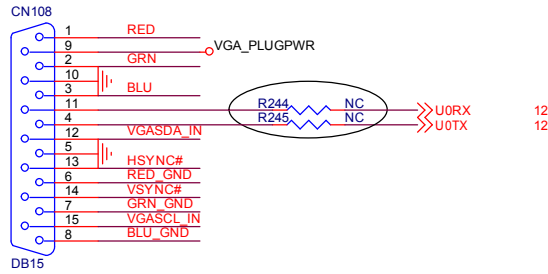


8. Block Diagram



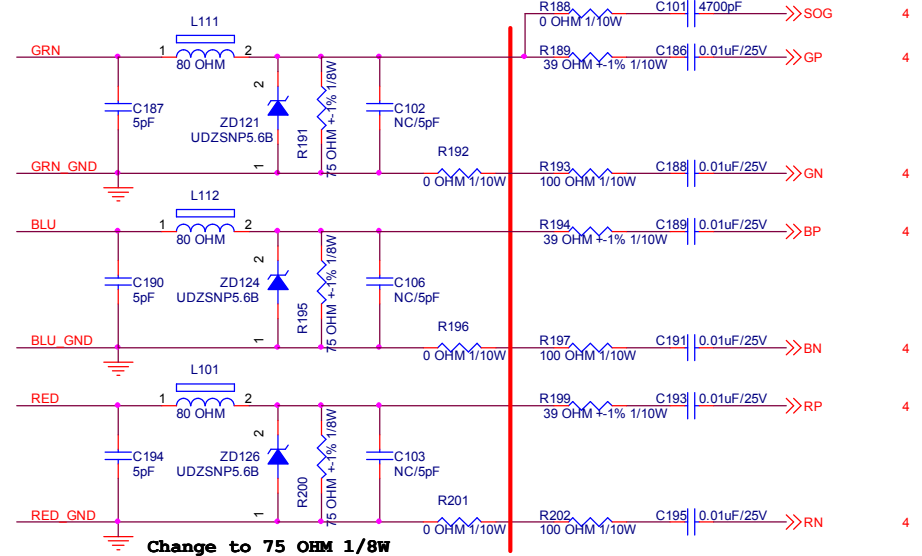
9. Schematic Diagram

9.1 Main Board 715T2848 H

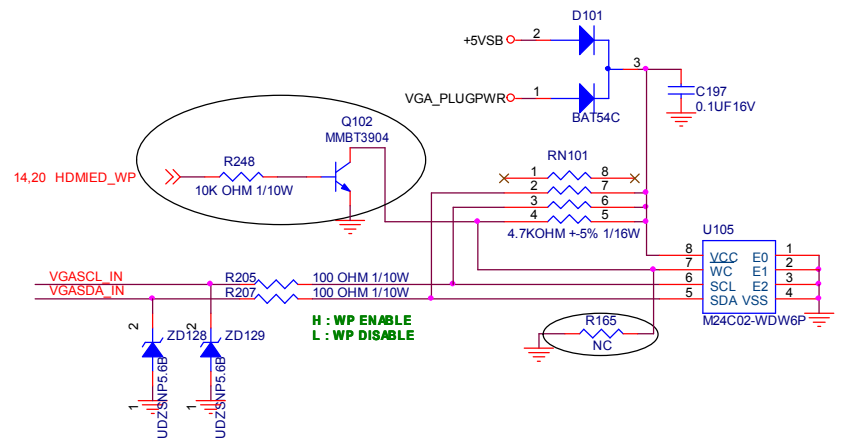
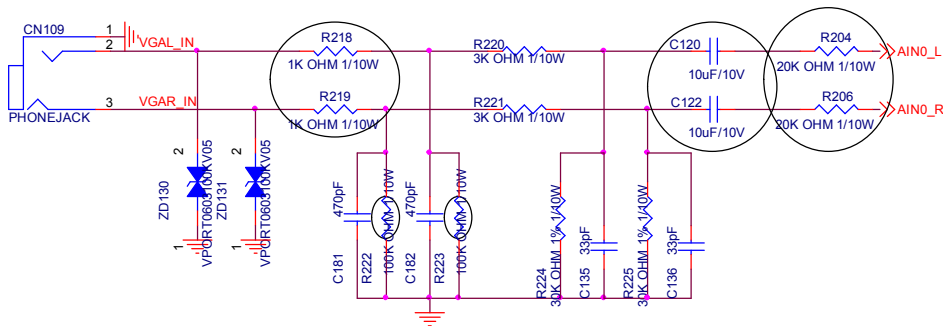


NEARLY VGA CON.

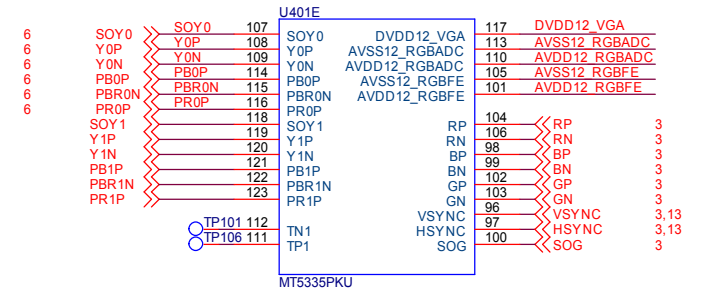
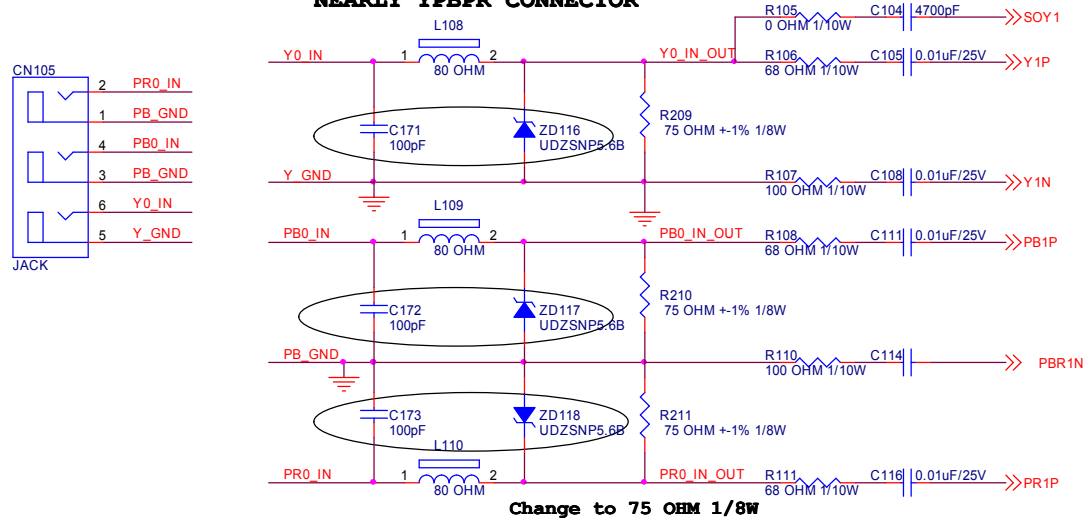
NEARLY IC



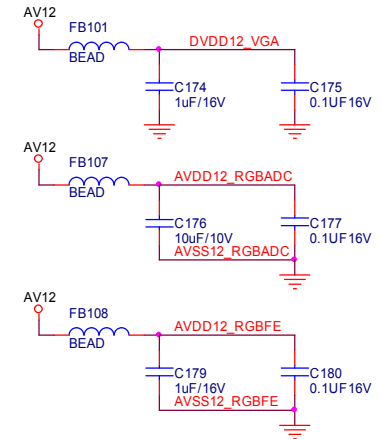
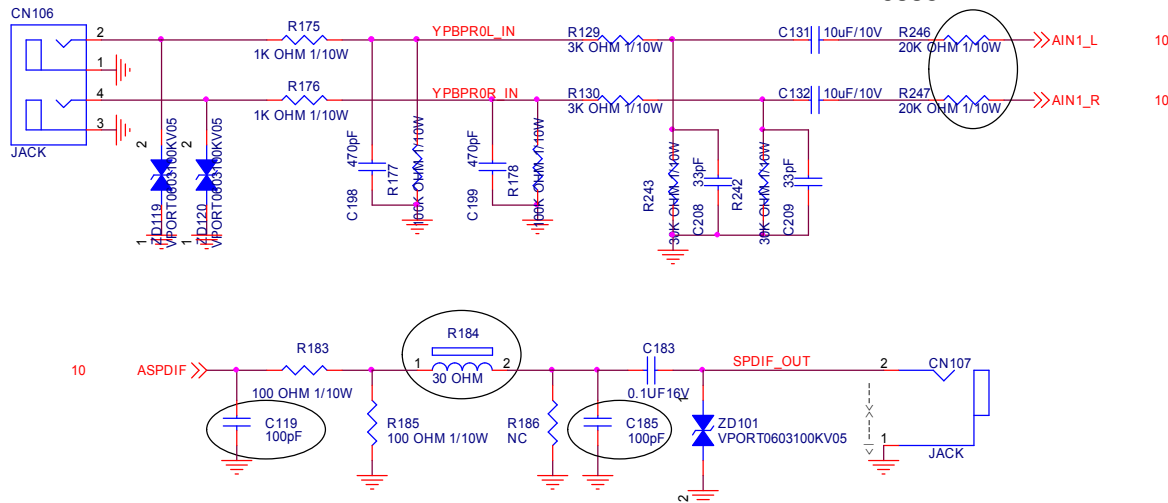
Change to 75 OHM 1/8W

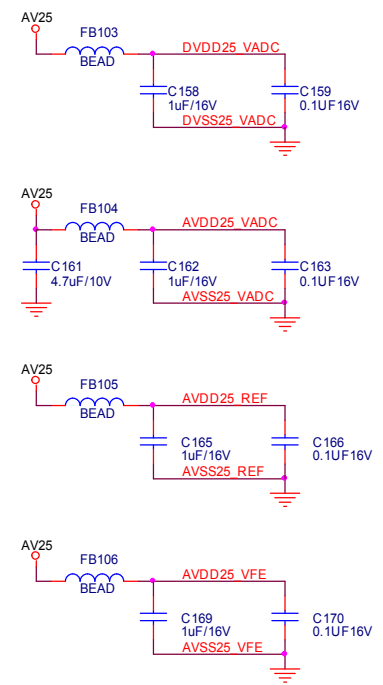
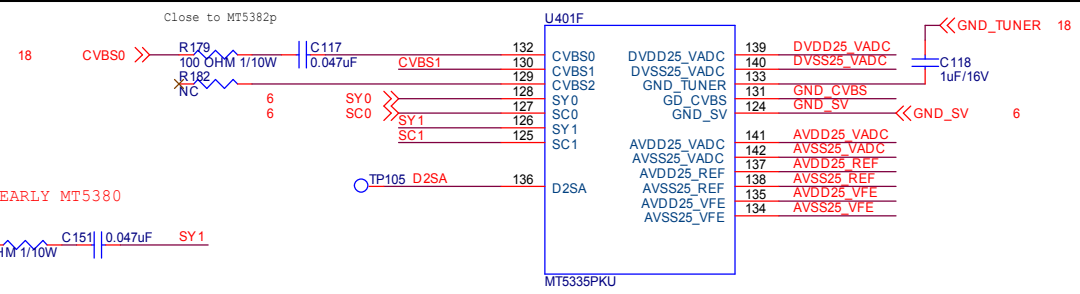
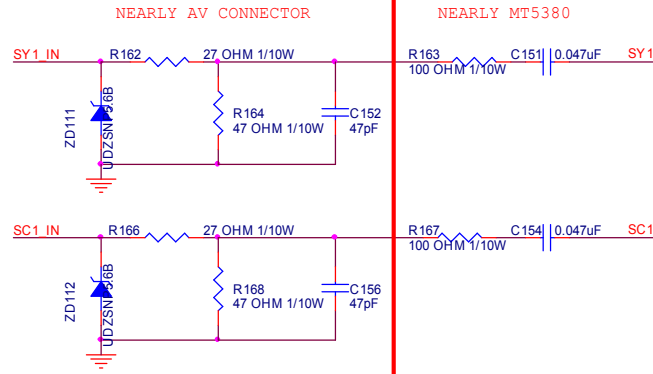
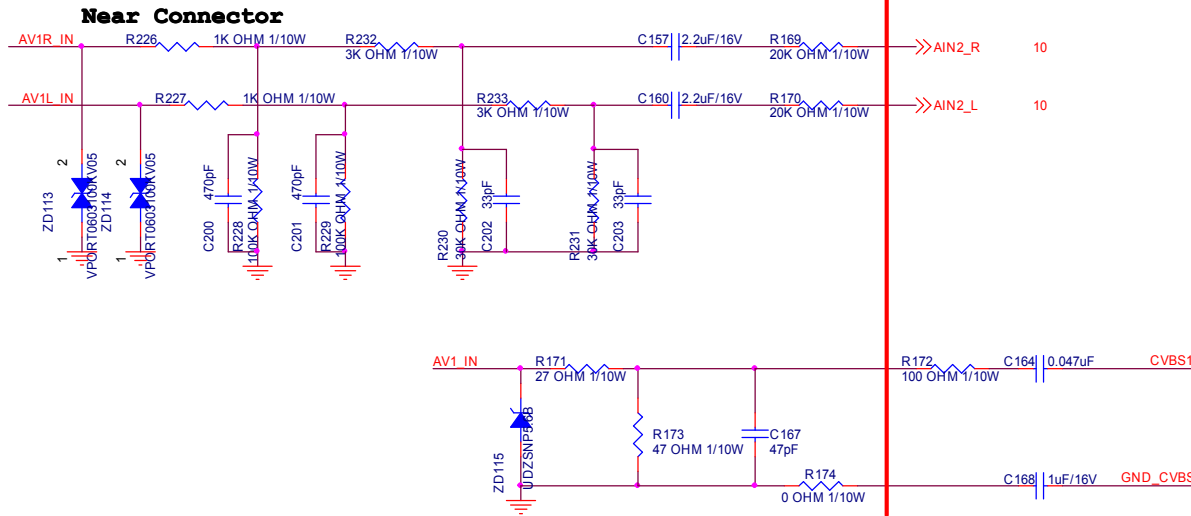
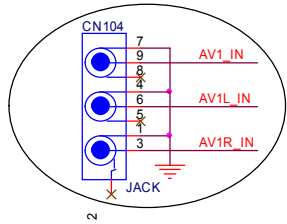
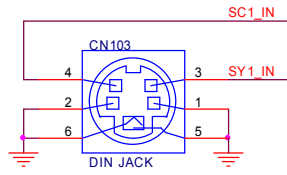


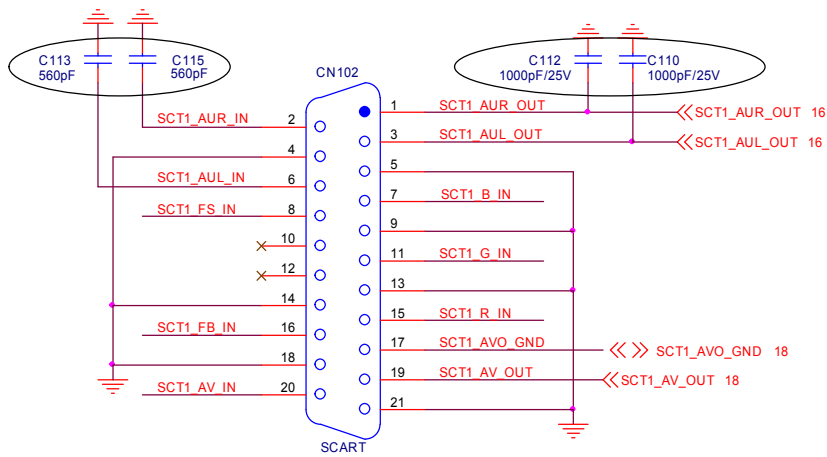
NEARLY YPBPR CONNECTOR



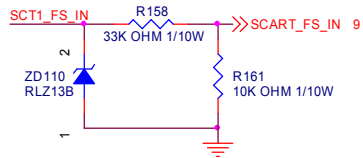
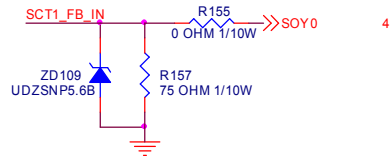
NEARLY MT5335



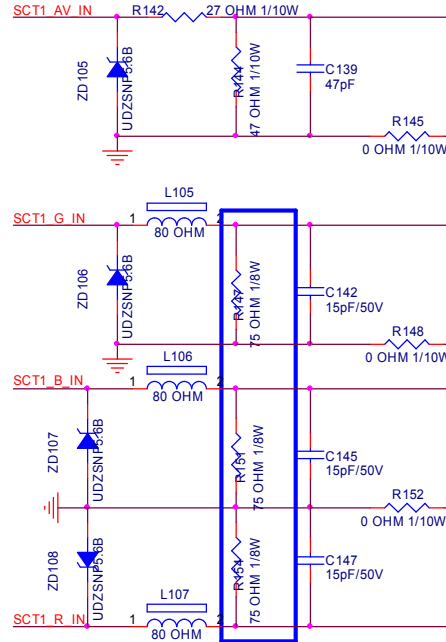




Full SCART

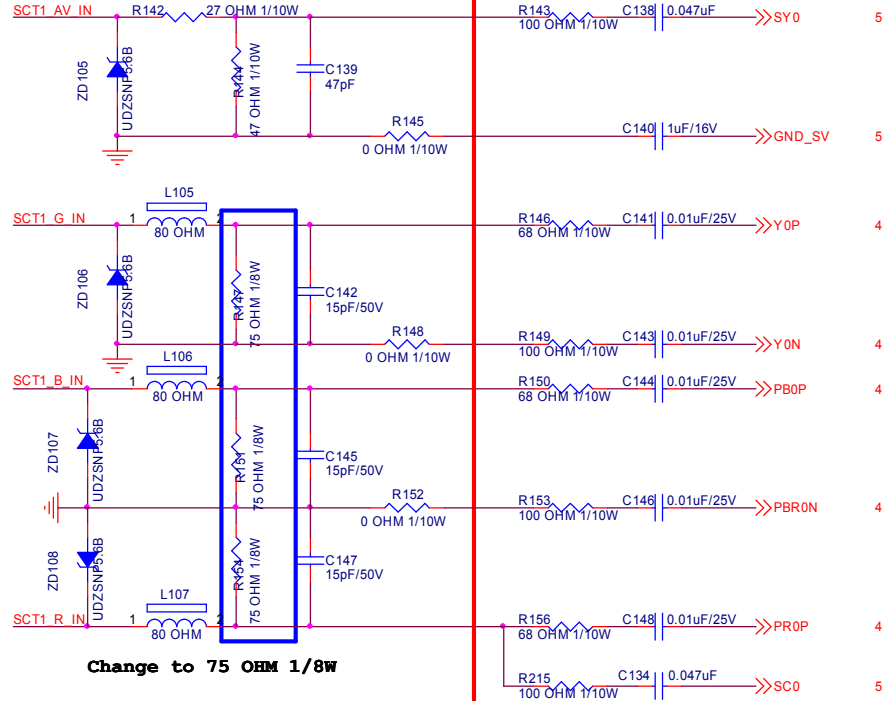


NEARLY CONNECTOR

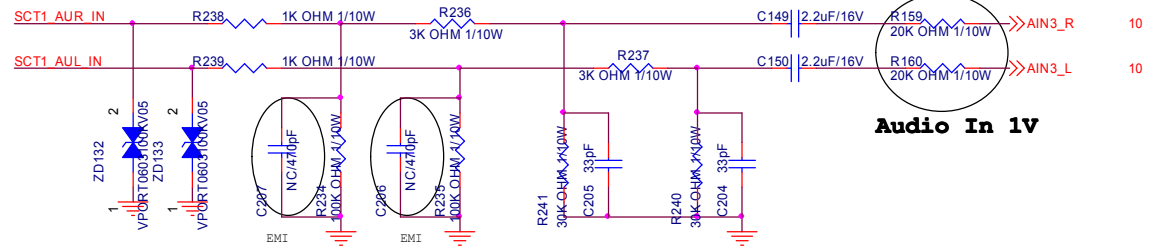


Change to 75 OHM 1/8W

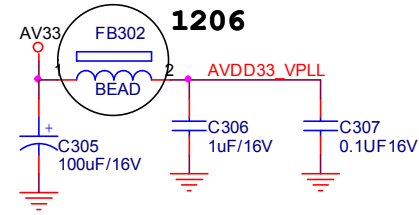
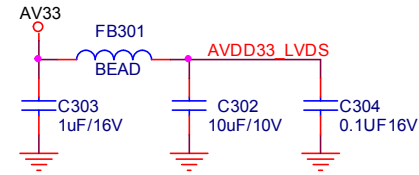
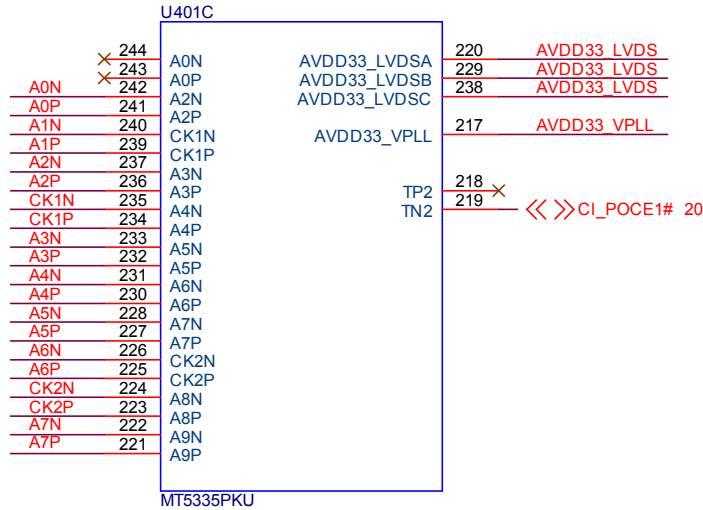
NEARLY IC



NEARLY MT5335

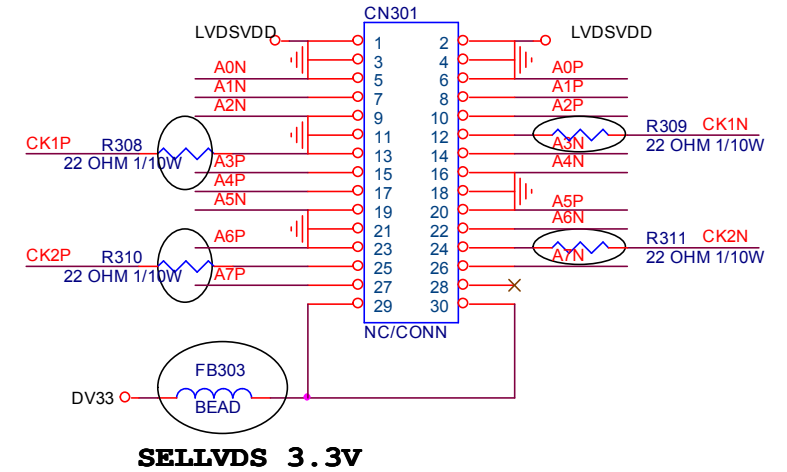


Audio In 1V



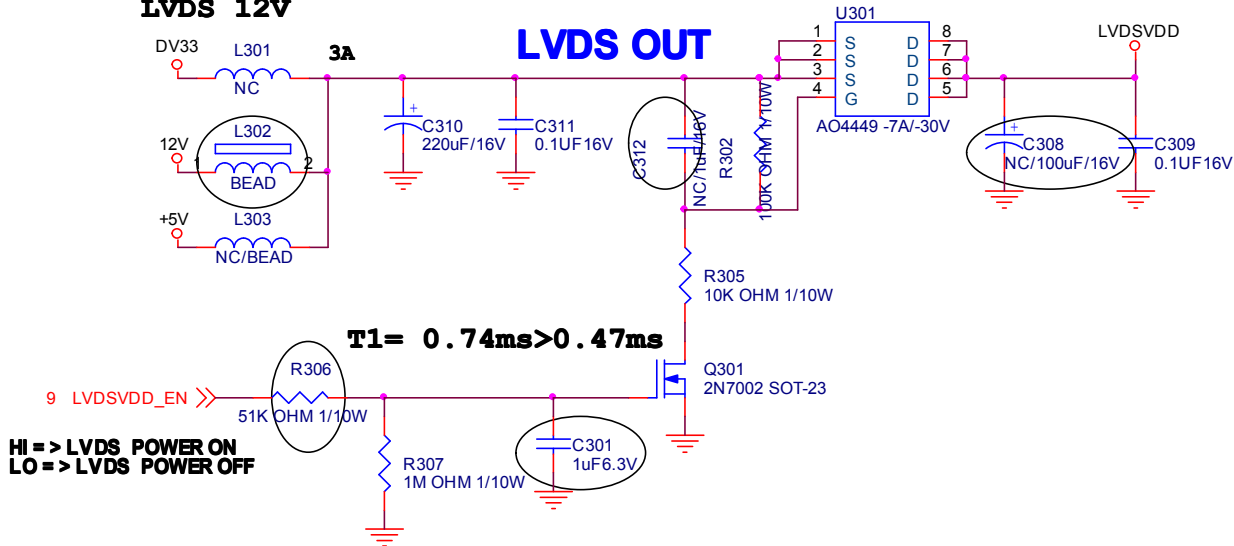
NC FOR FFC Board

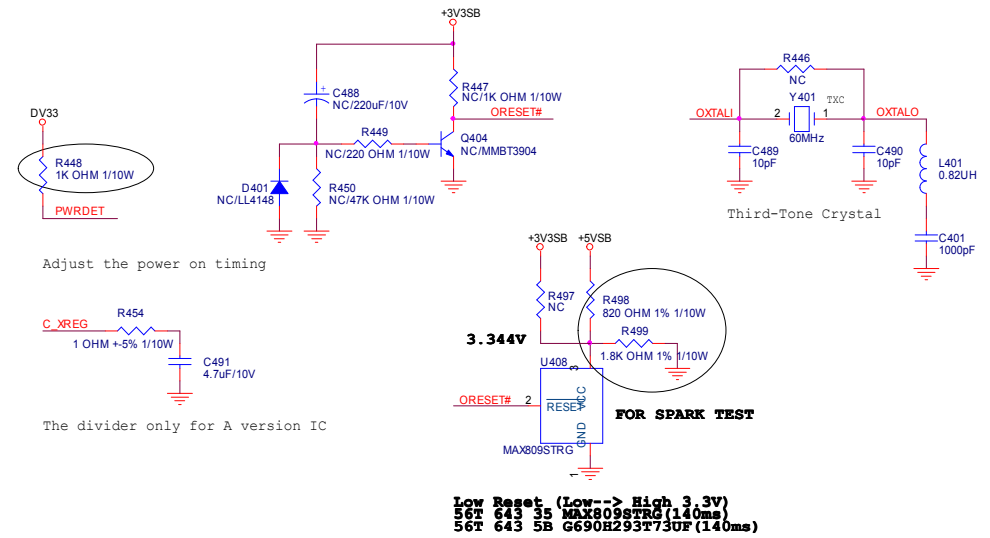
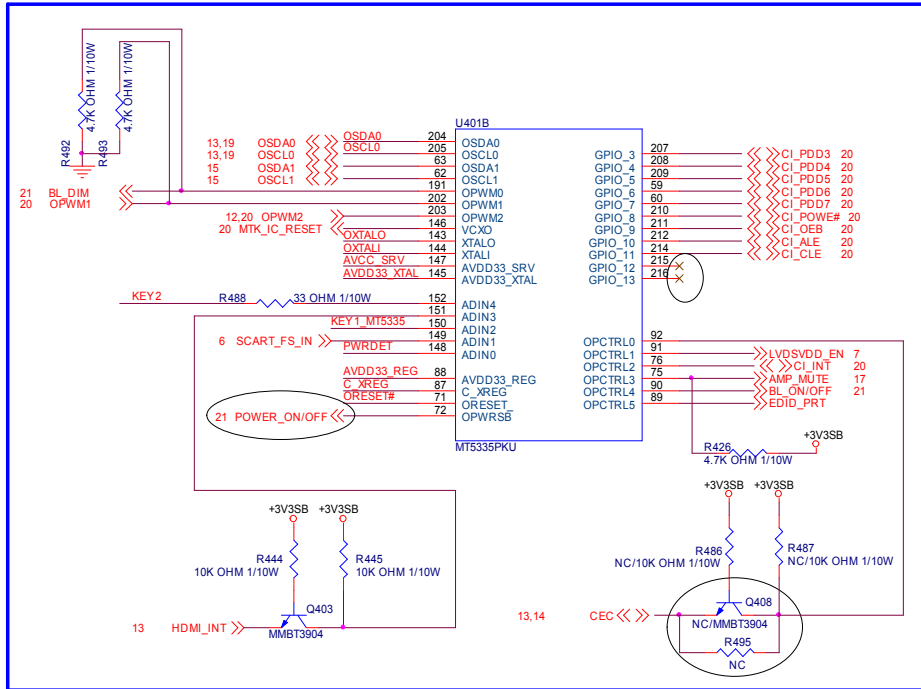
33T8027 30 GP



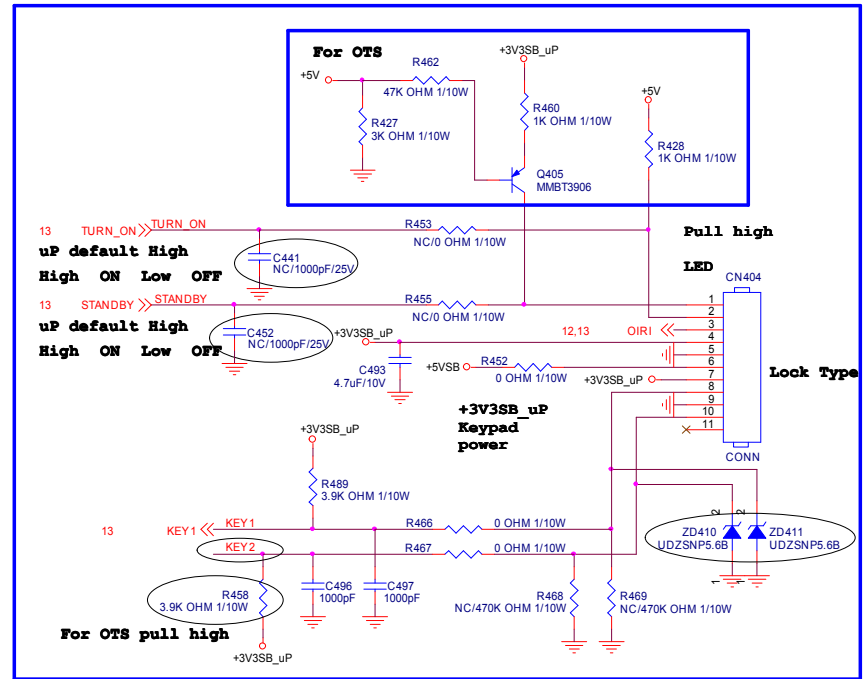
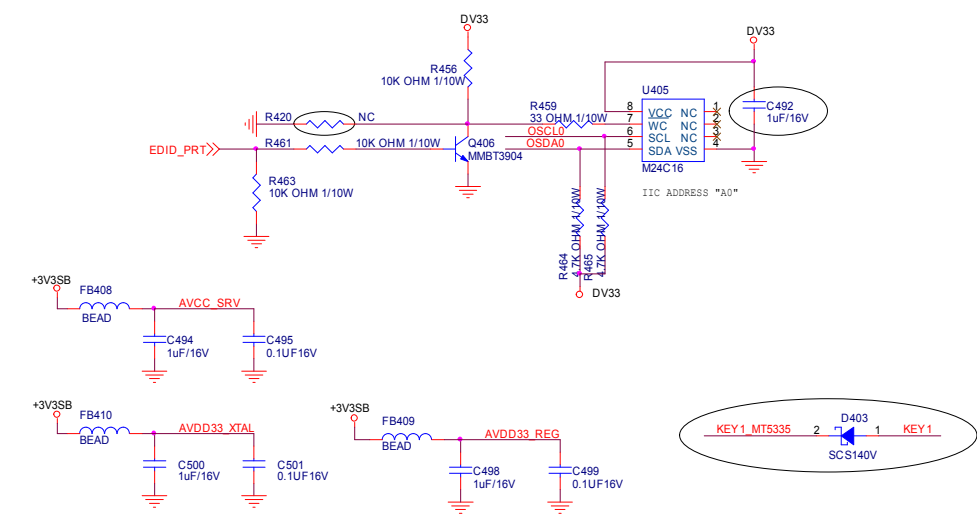
**For 26" Panel
LVDS 12V**

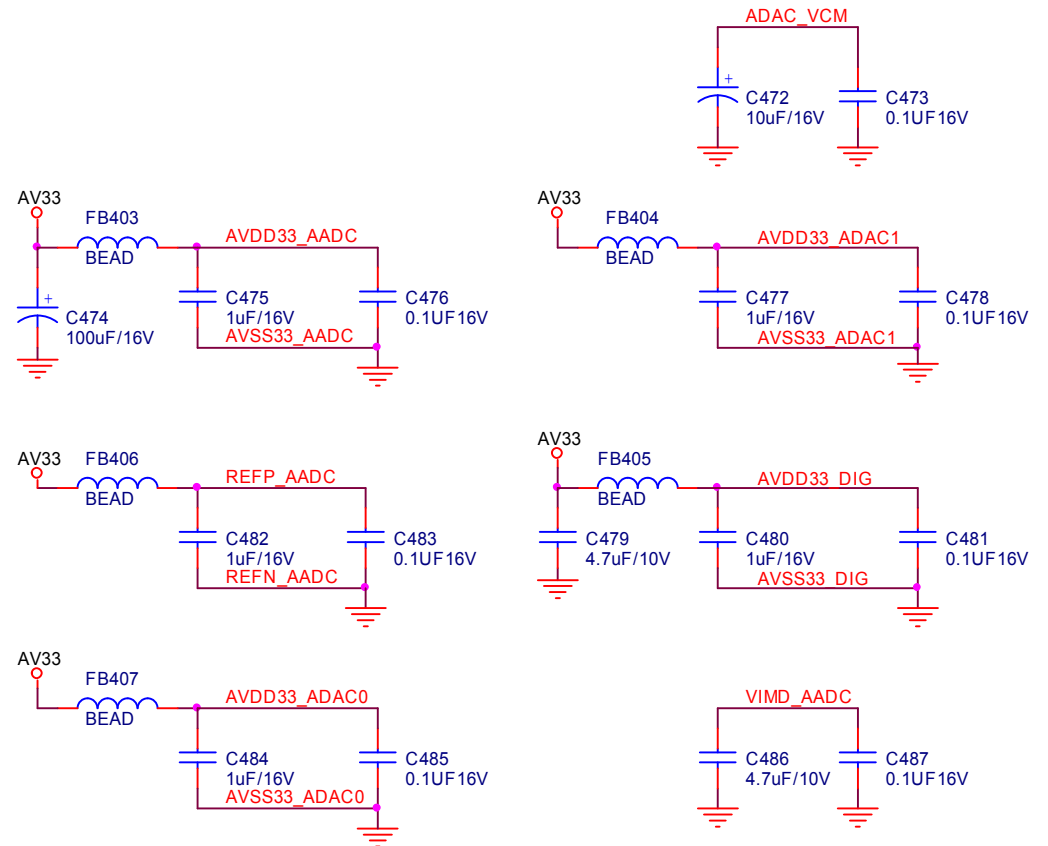
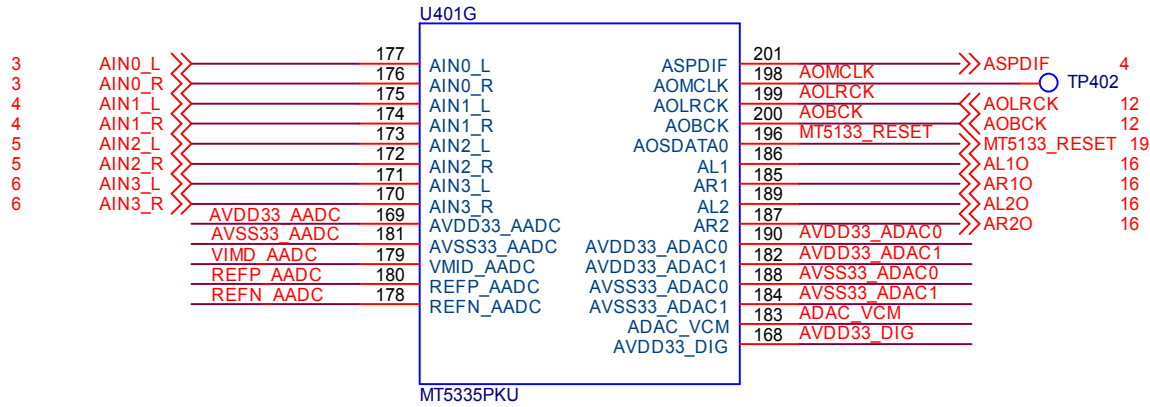
LVDS OUT

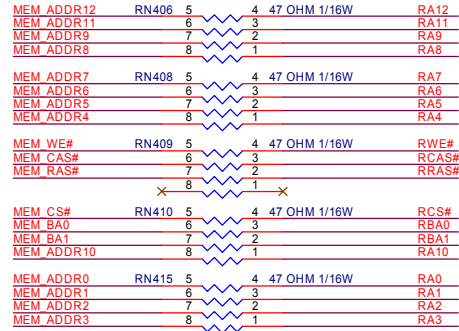
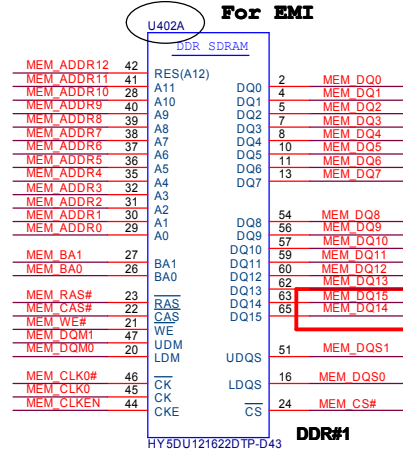
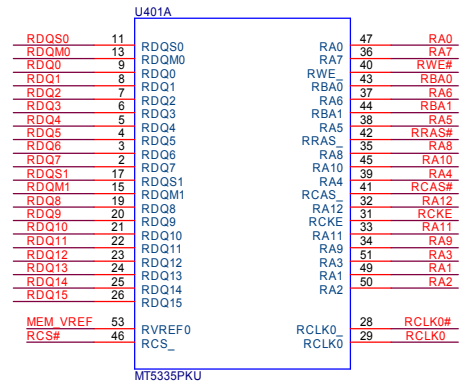




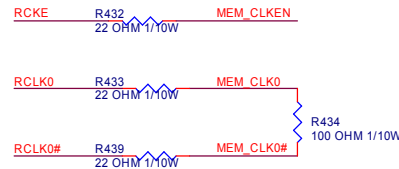
Low Reset (Low--> High 3.3V)
 56T 643 35 MAX8095STRG(140ms)
 56T 643 5B G690H293T730F(140ms)





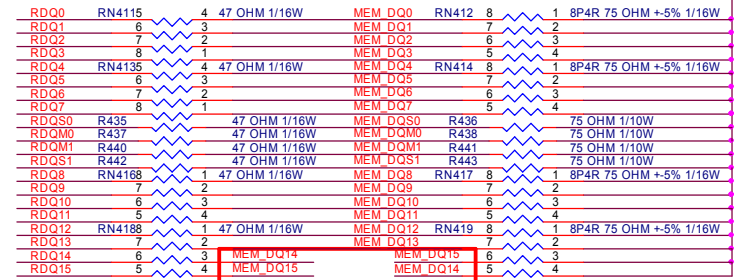
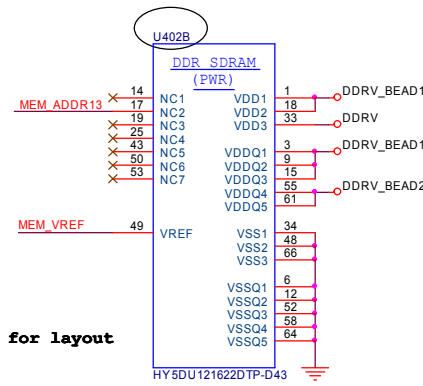


Add serial resistors for DRAM

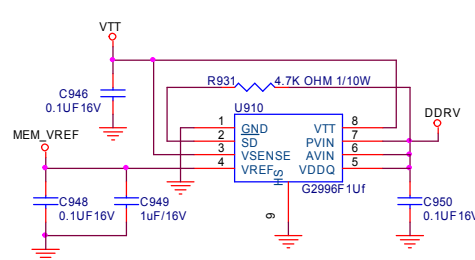
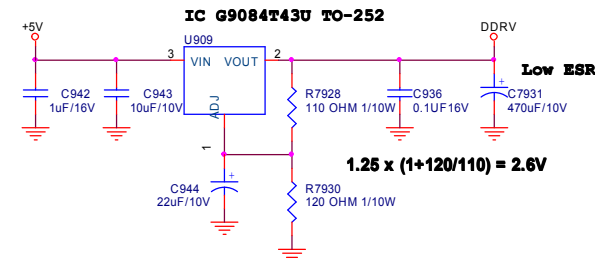
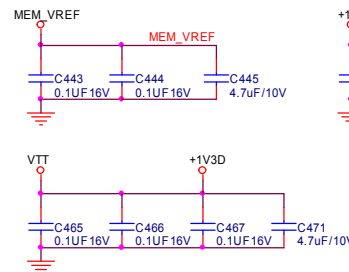
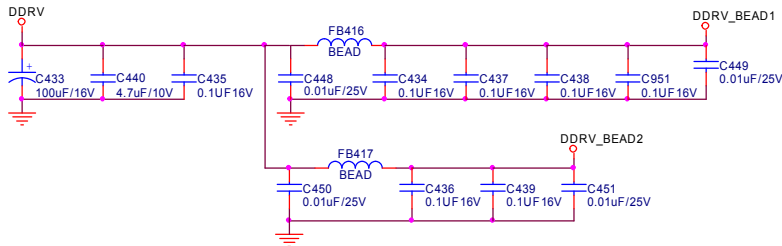


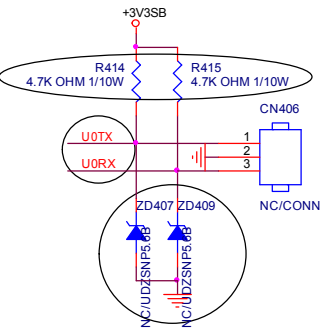
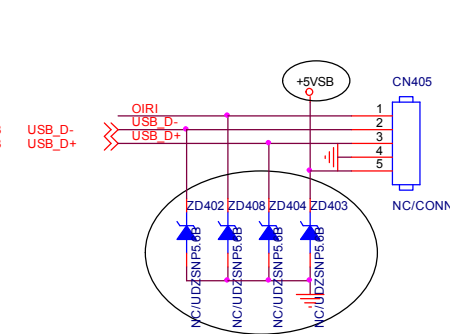
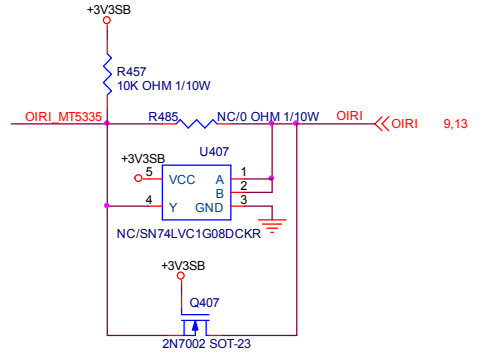
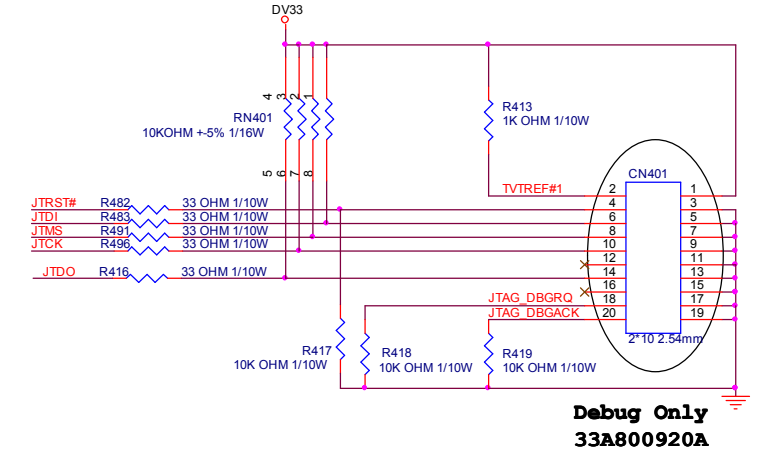
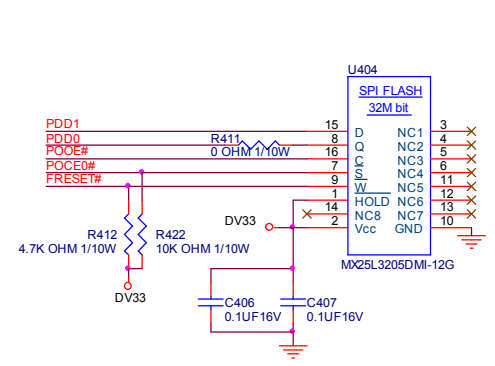
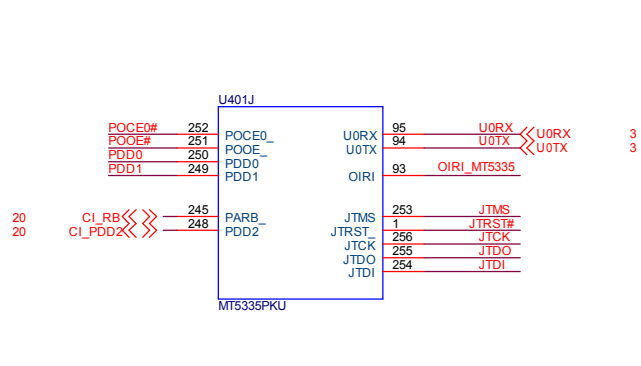
Swap for layout

DDR#1

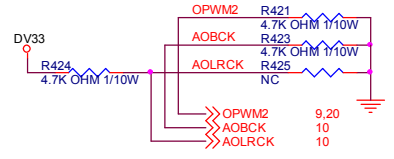
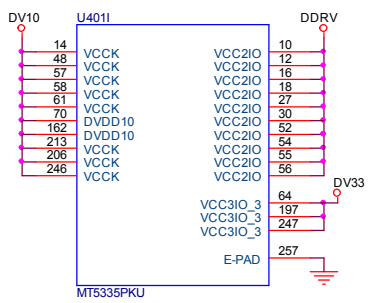
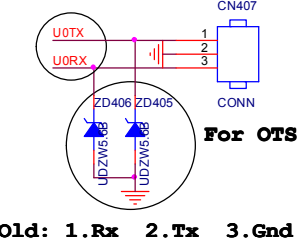


Swap for layout

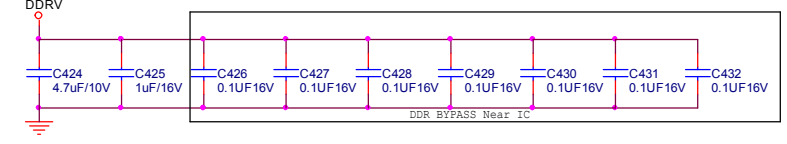
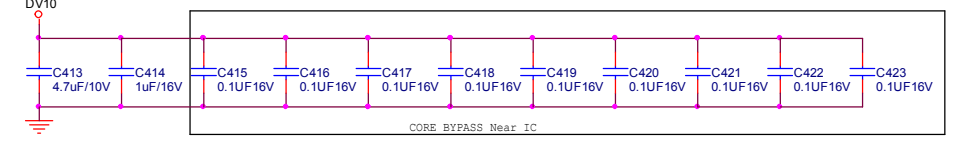
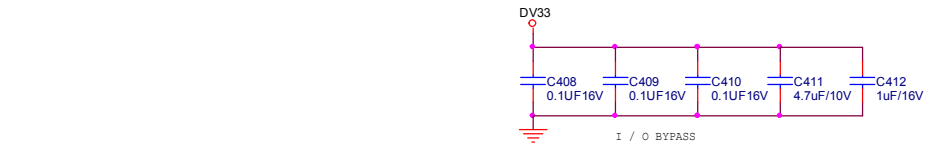




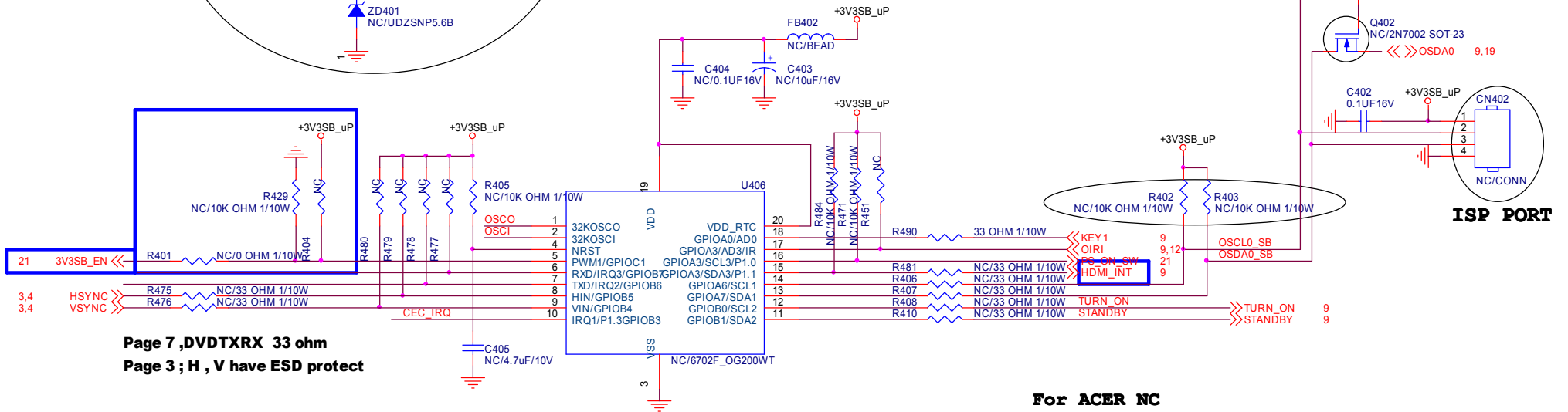
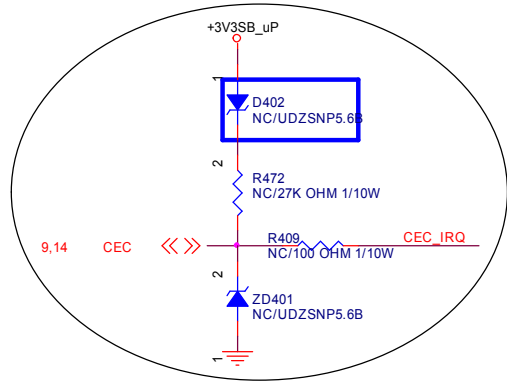
ACER 26" TV Code Updated
TX, RX Same Define Changed



Trap Mode	OPWM2	AOBCK	AOLRCK
Normal mode	0	0	0
ICE mode	0	0	1
Trap Mode	OPCTRL5	OPCTRL4	
Core Reset 1 us	0 (AMP_MUTE)		1 (HPDIN)



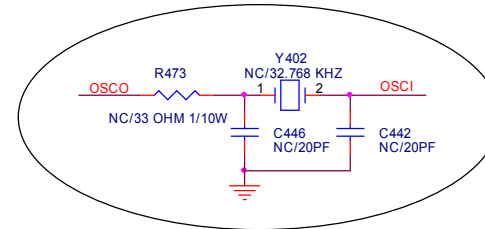
For ACER NC

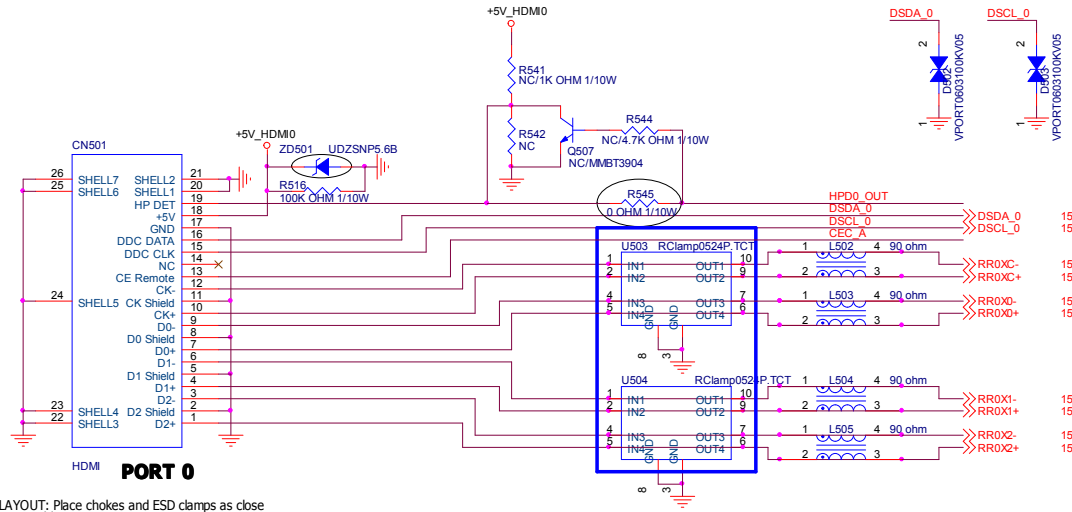


Page 7, DVDTXRX 33 ohm
Page 3 ; H , V have ESD protect

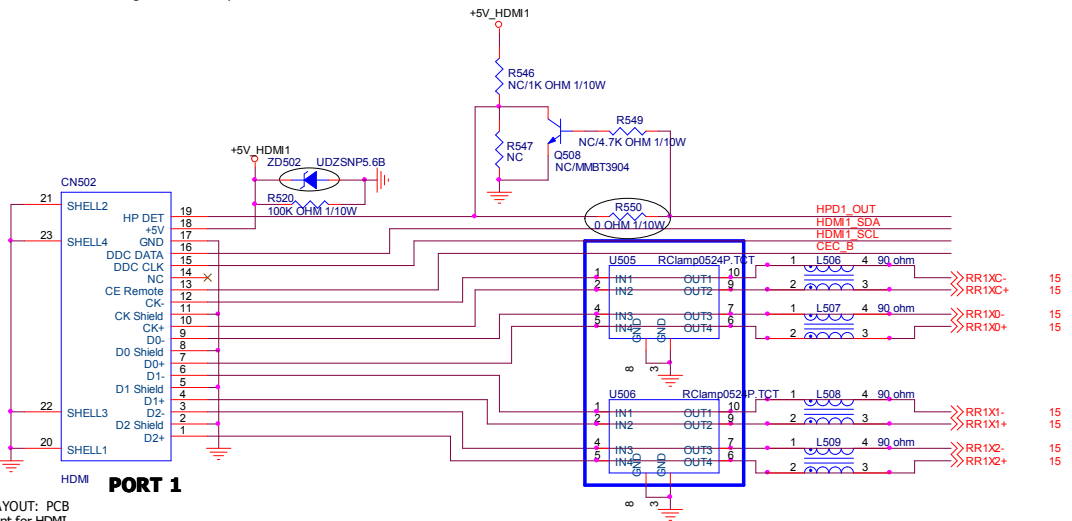
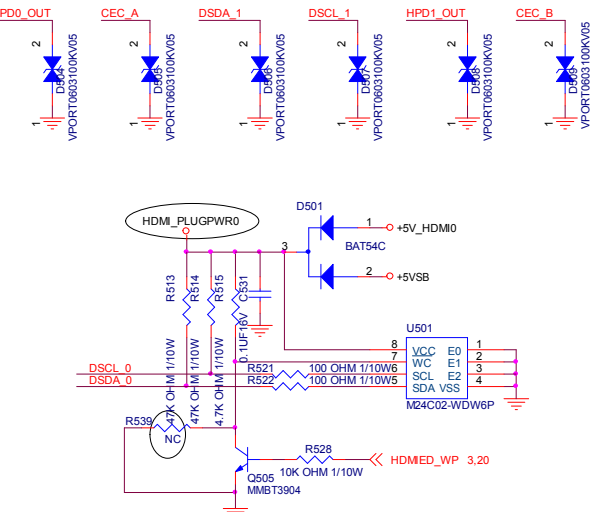
OPTION for CEC Stand by Function

For ACER NC

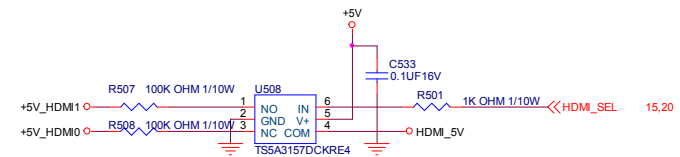




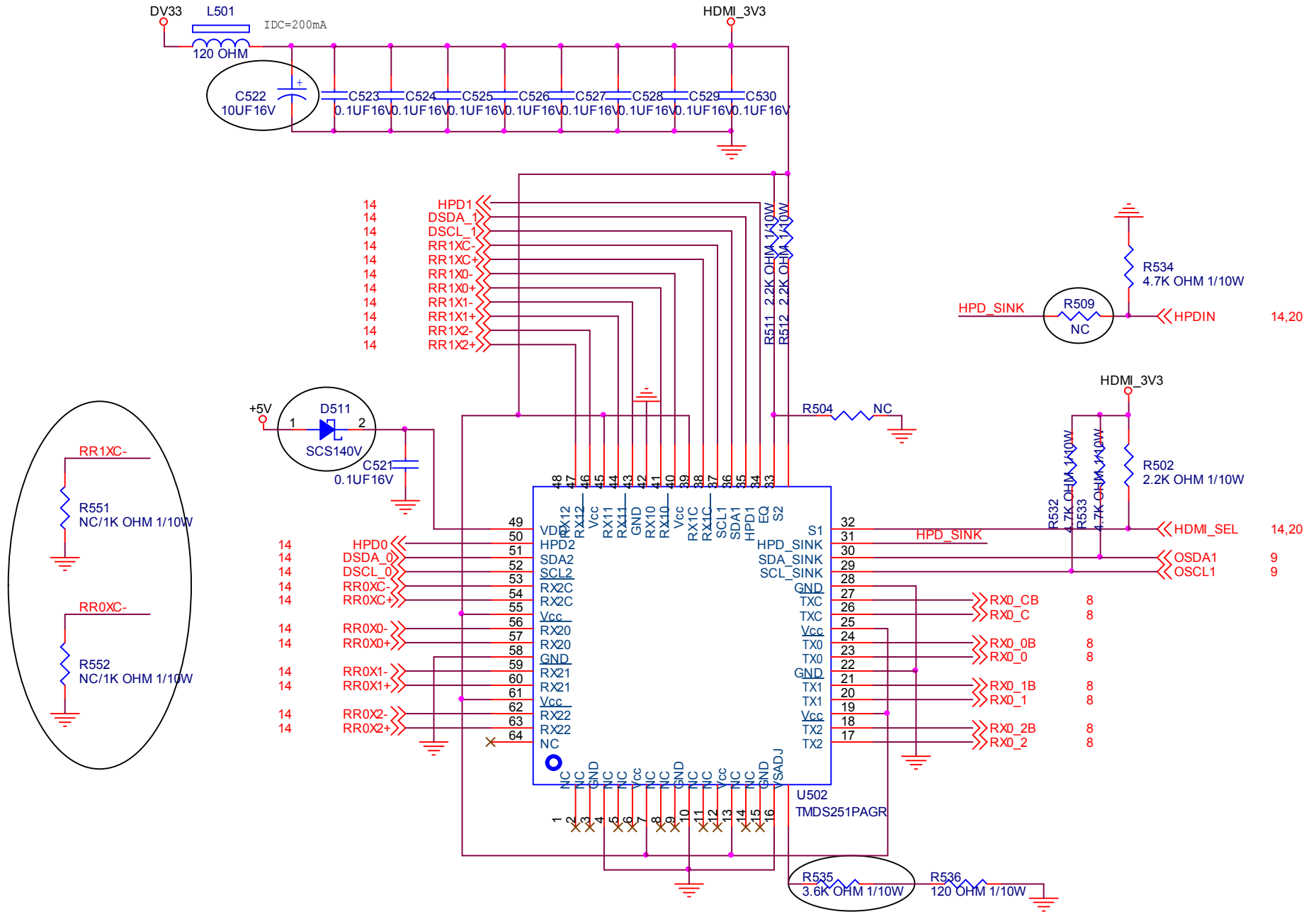
LAYOUT: Place chokes and ESD clamps as close as possible to HDMI connector.
100ohm differential impedance for TMDS traces.
Track TMDS traces straight under RClamp0524P.

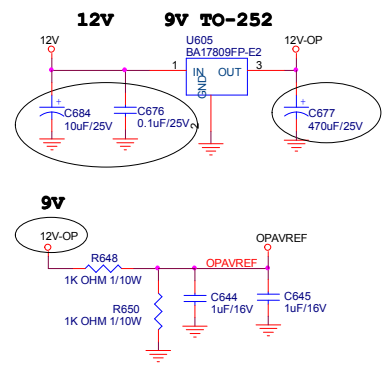
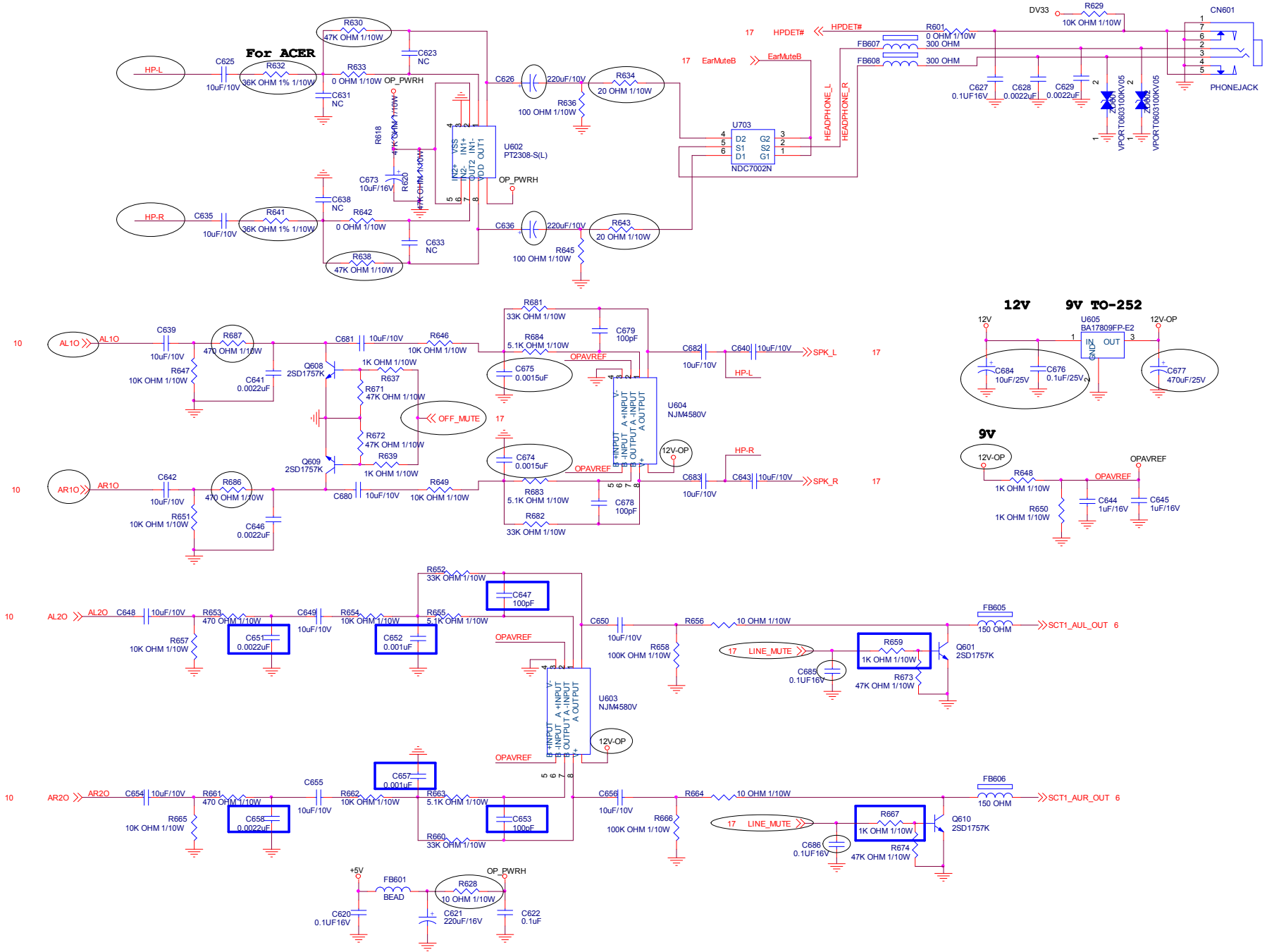


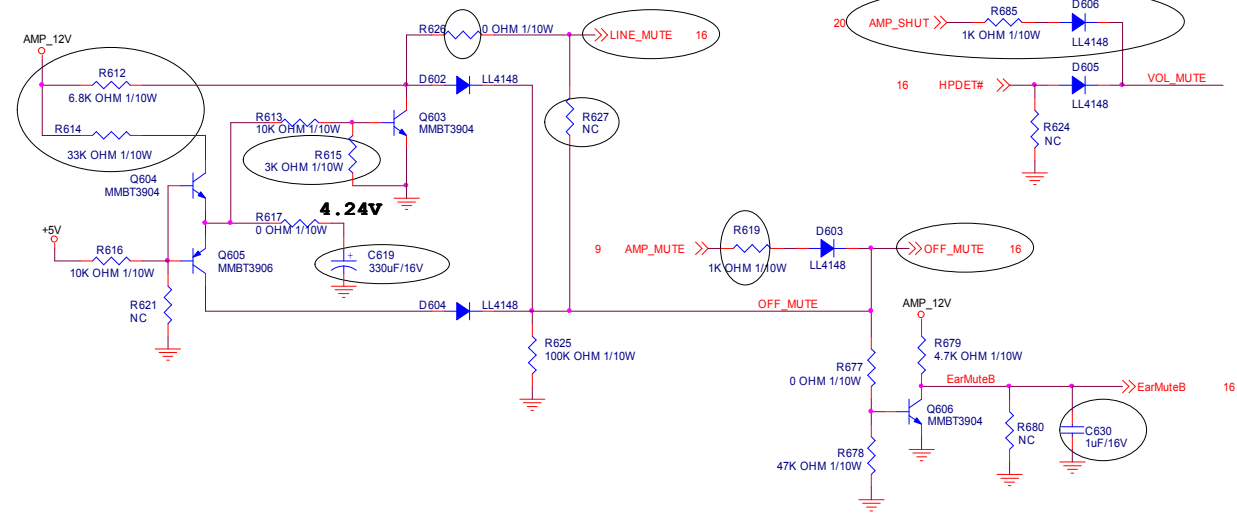
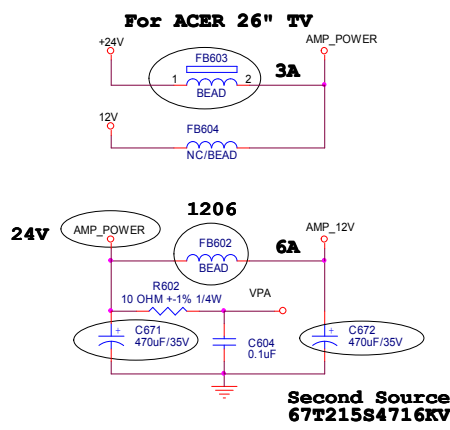
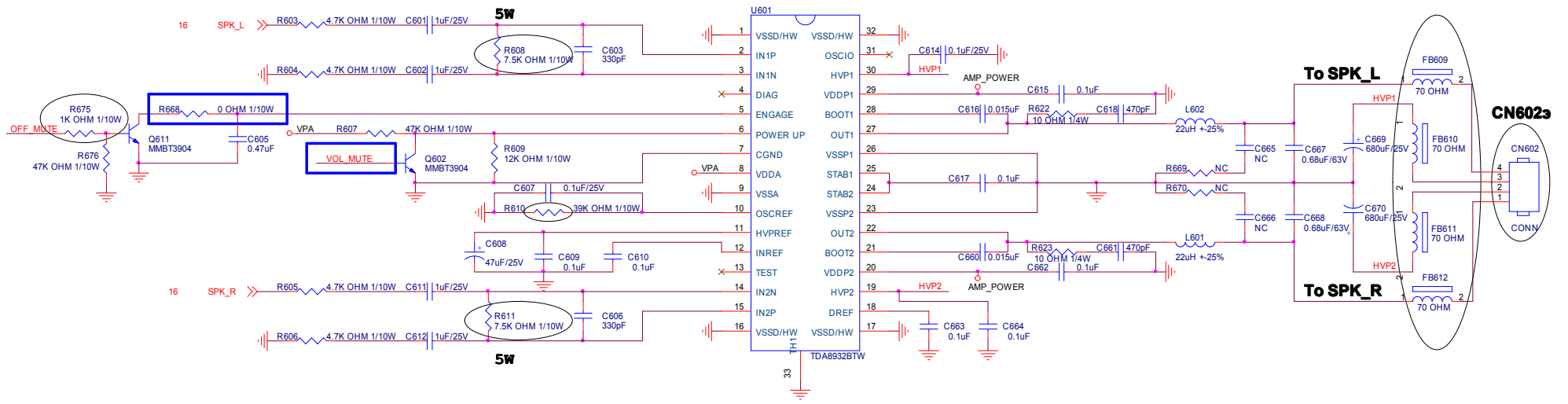
PCB LAYOUT: PCB footprint for HDMI connector should support connectors from JAE, Molex, and Acon



Preliminary Schematics - Advance Information
 Subject to change without notice - Sept. 14, 2006
 Please contact Silicon Image prior to starting a design based on these schematics



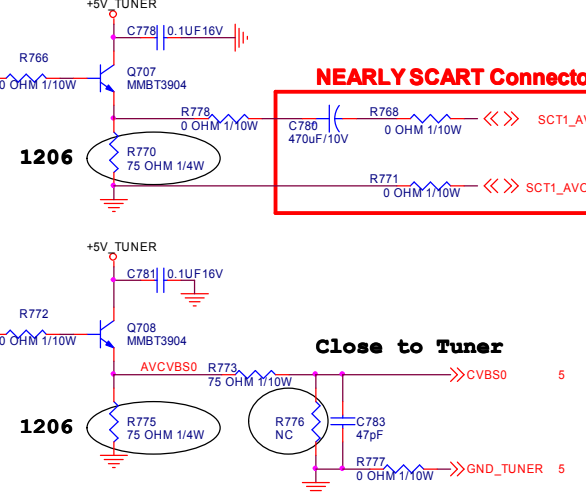
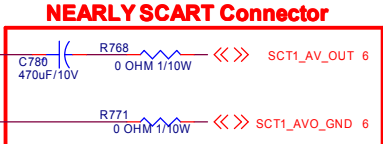
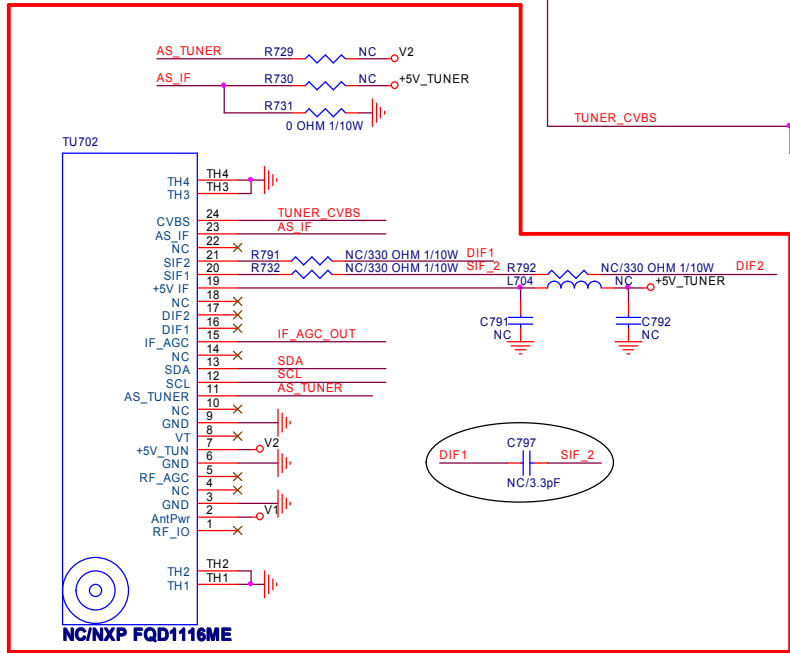
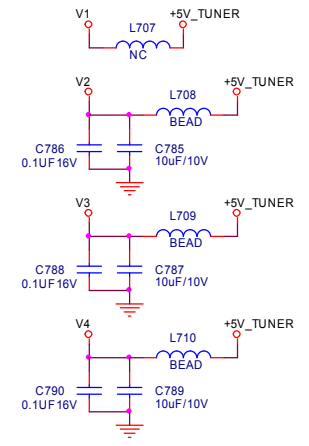
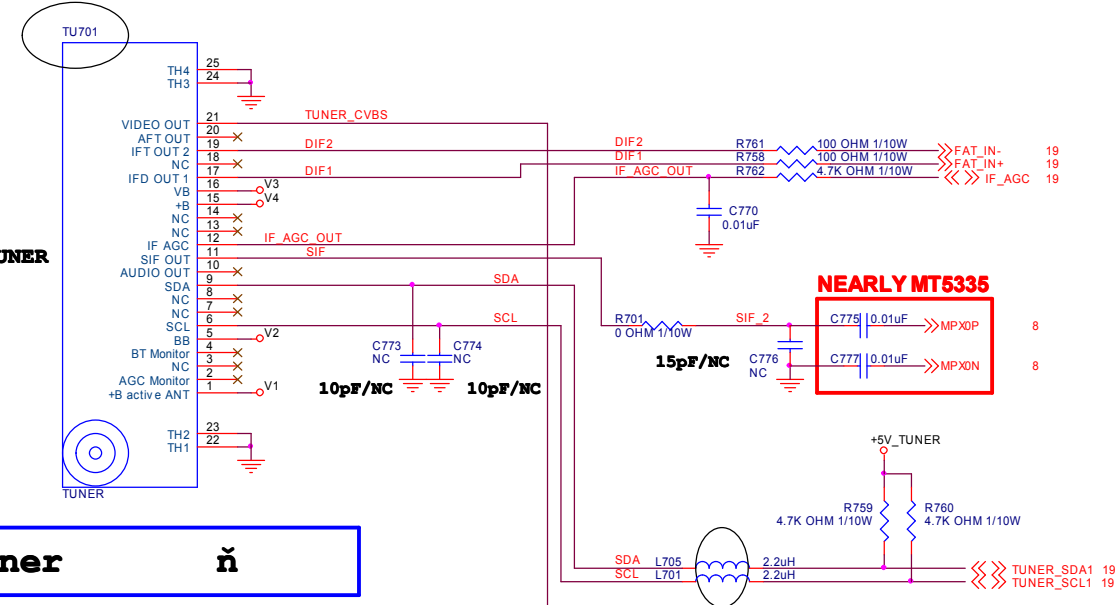




**Panasonic TUNER
ENG37E14KF**

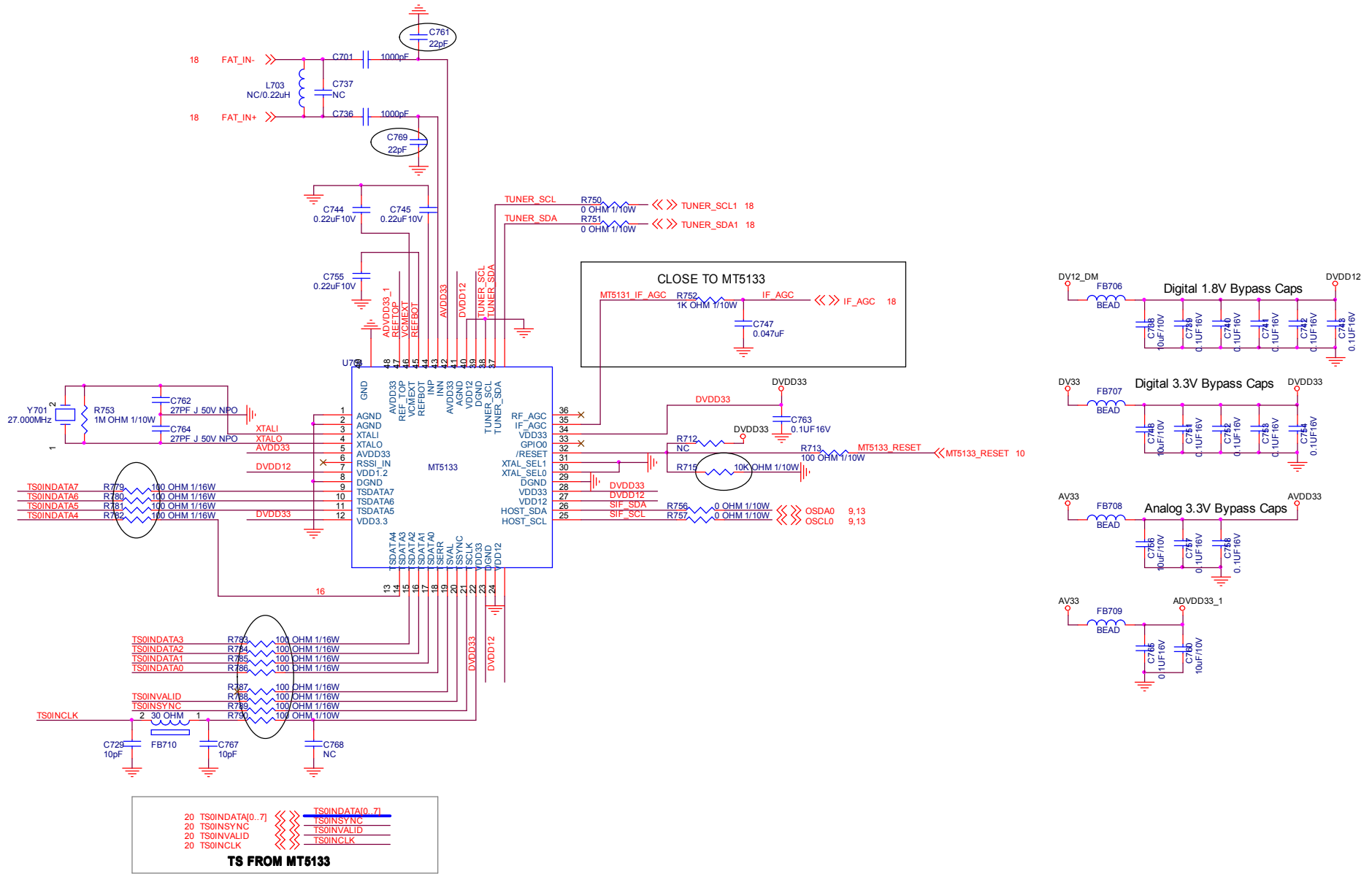
Tuner

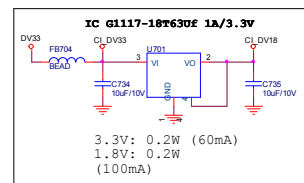
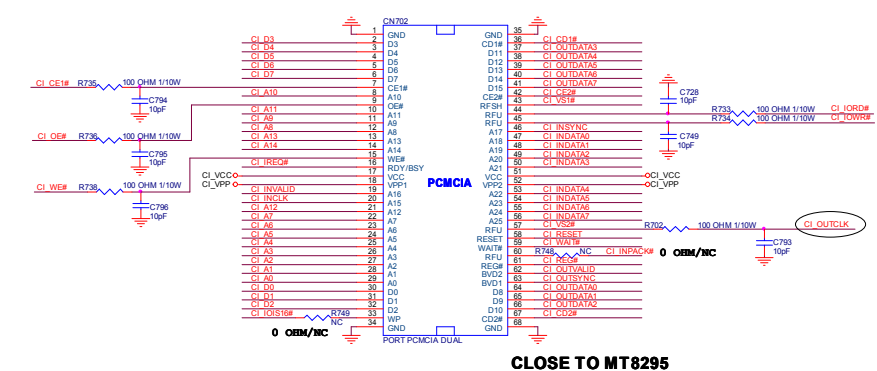
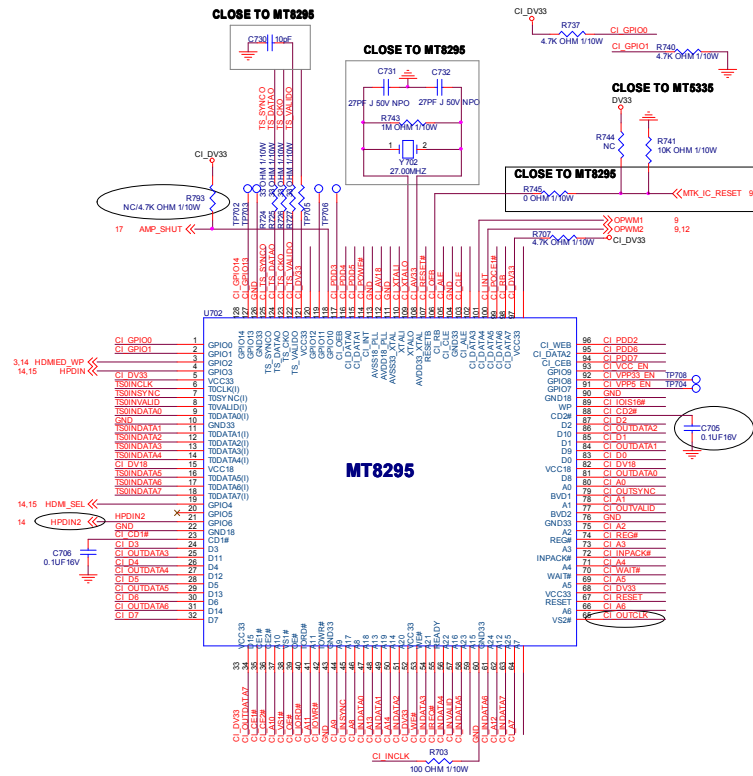
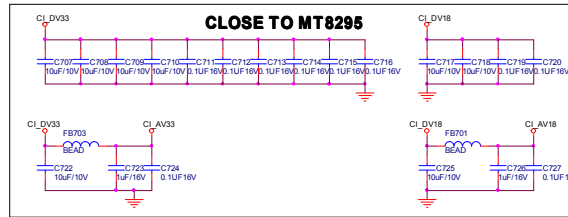
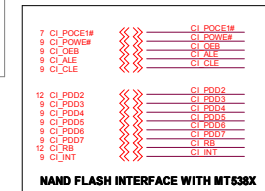
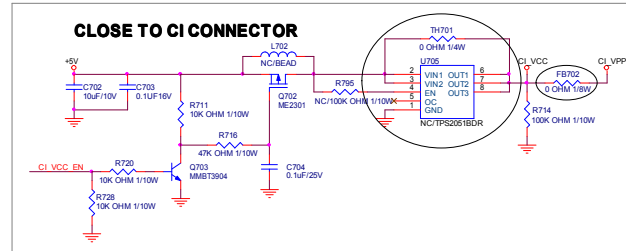
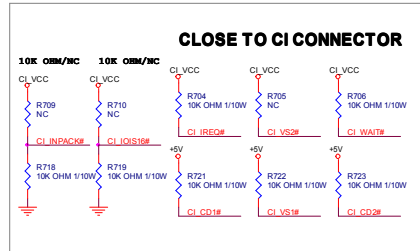
ñ



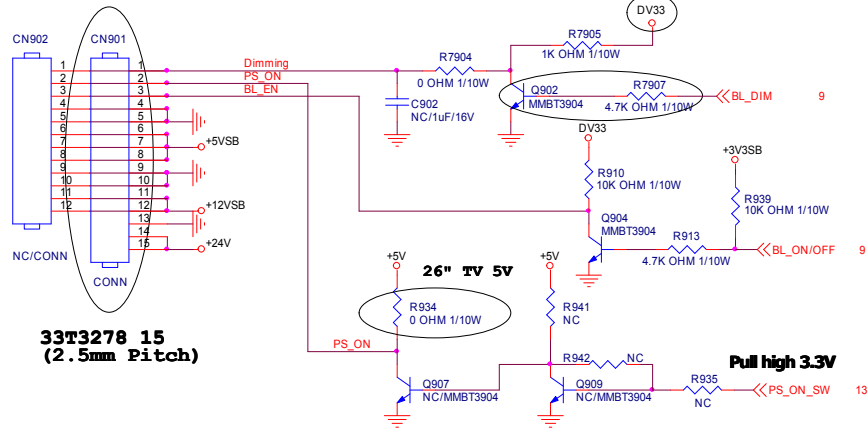
Close to Tuner

R776 75 OHM for NXP Tuner

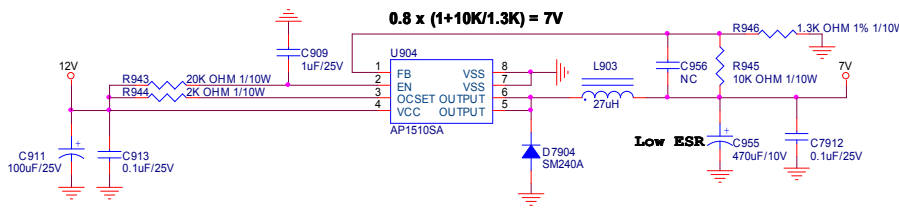
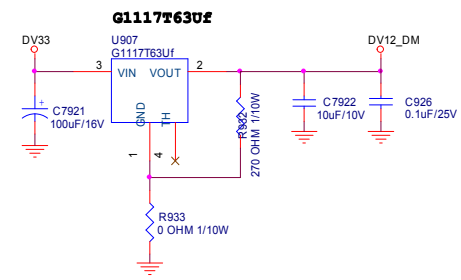
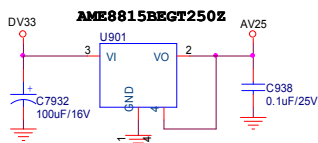
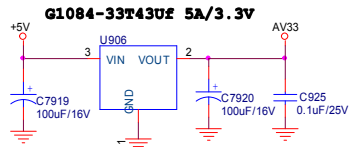
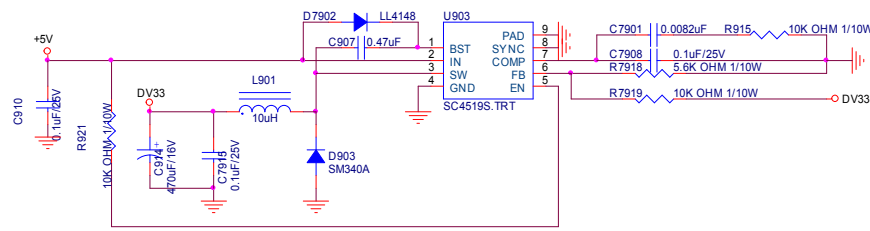




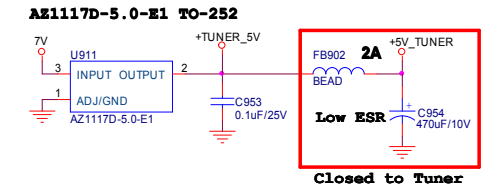
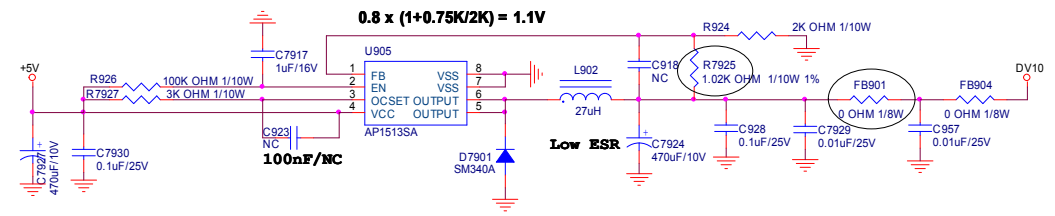
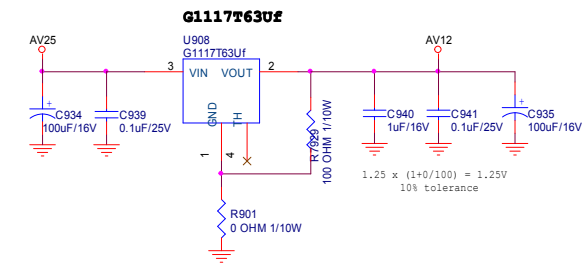
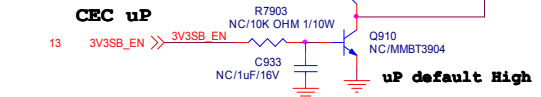
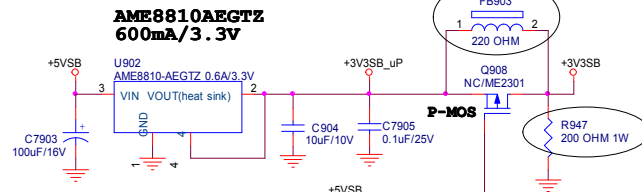
CN901 For 26" TV



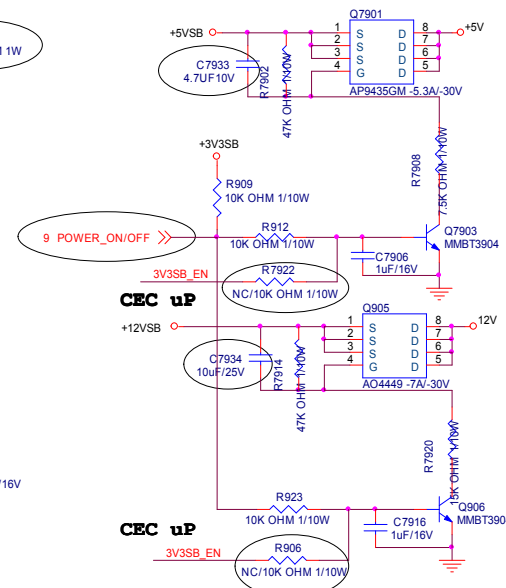
33T3278 15
(2.5mm Pitch)



For OTS

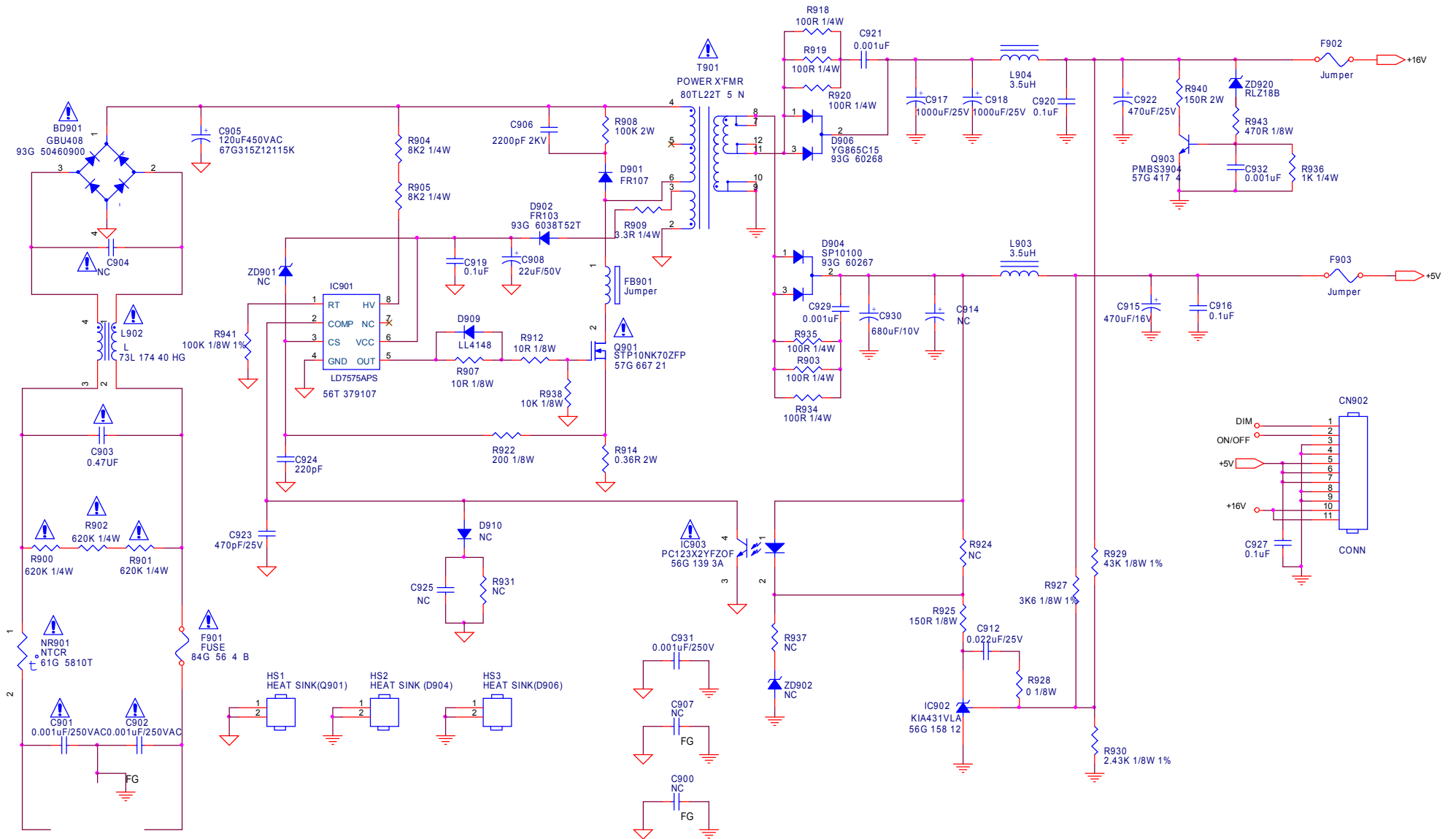


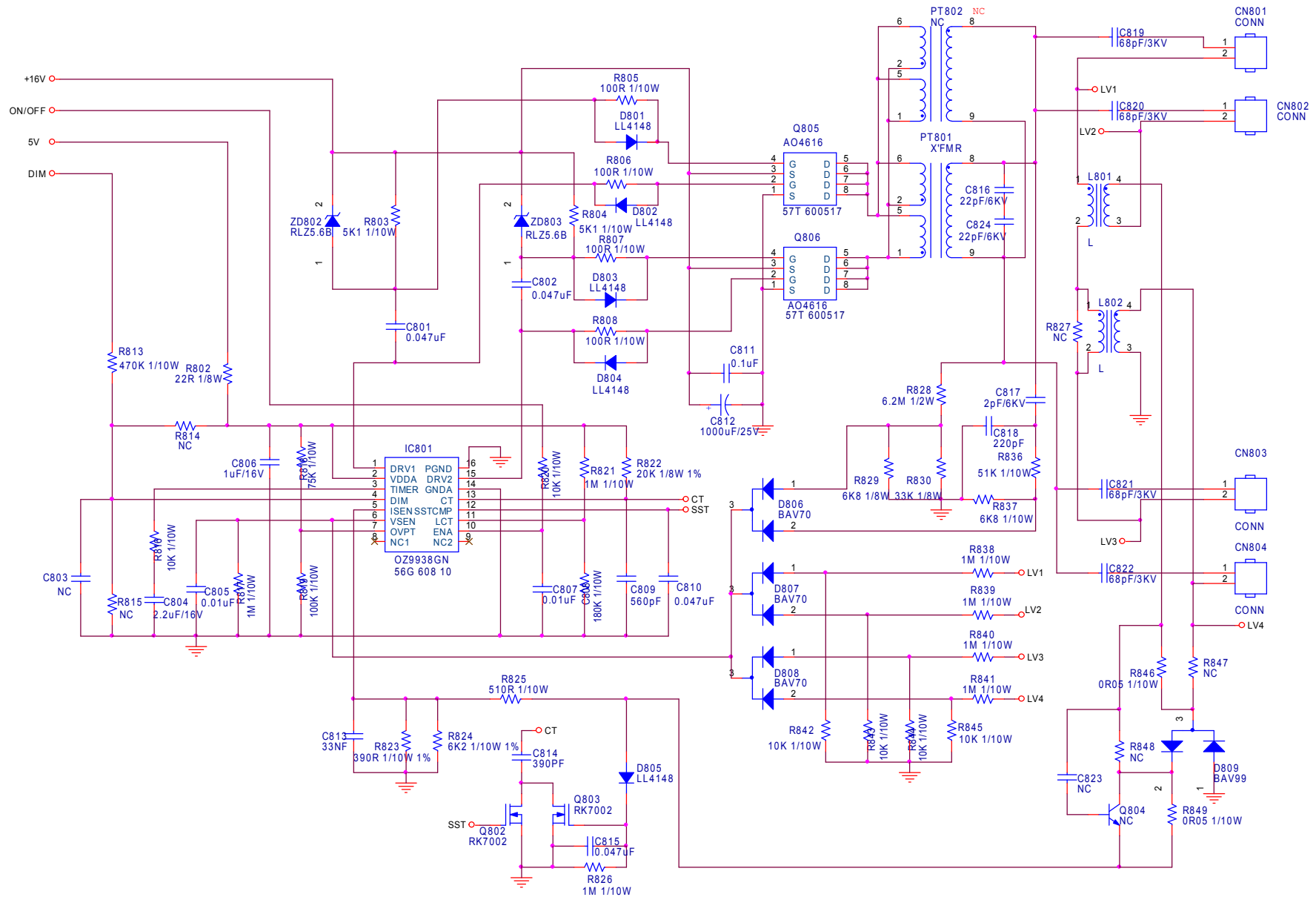
ACER: R909, R912, R923 10K ohm ;
R922, R906 NC
Philips: R909, R912, R923 NC ;
R922, R906 10K ohm

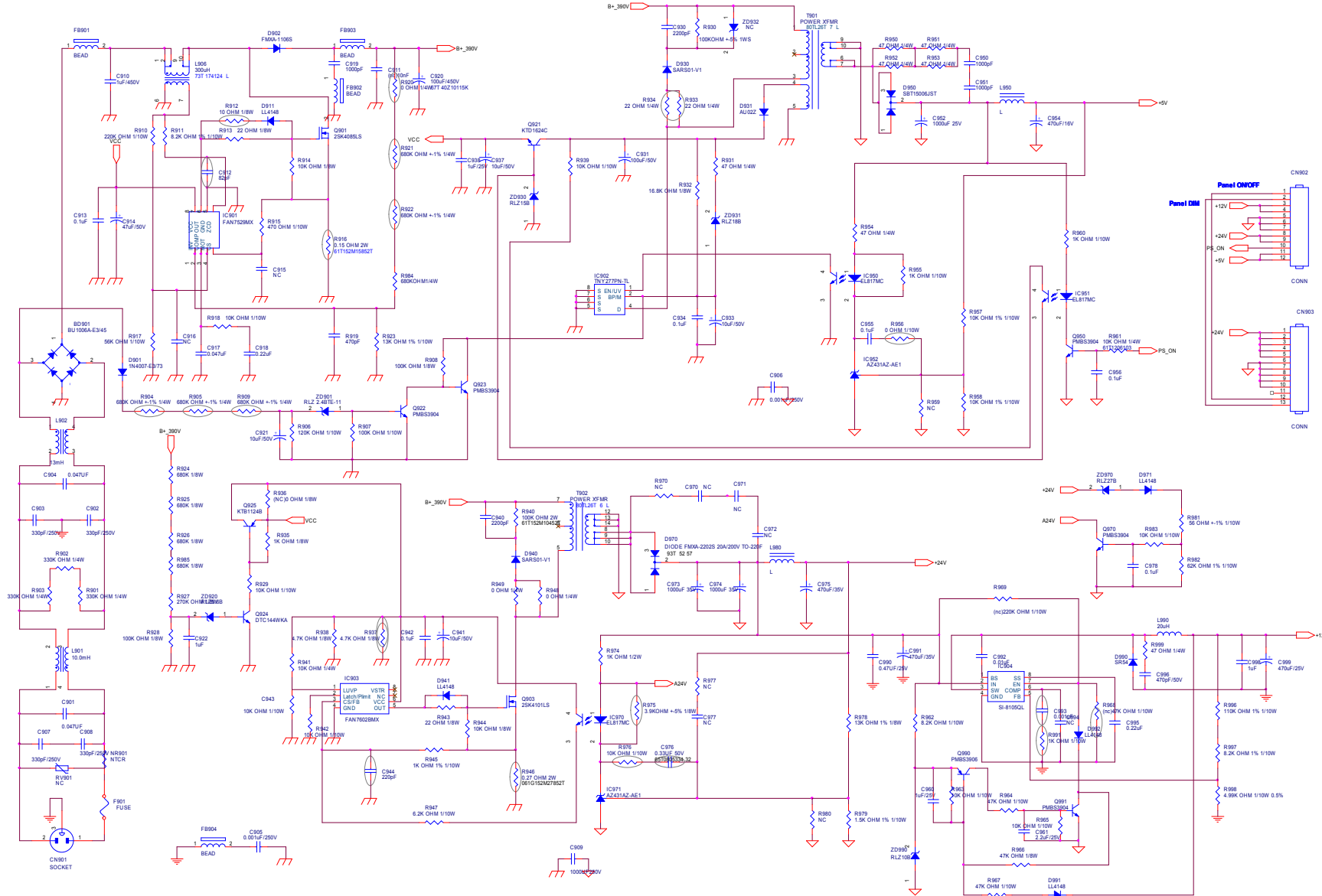


9.2 Power Board

L19W981 & L22W981 715T2783 1 2

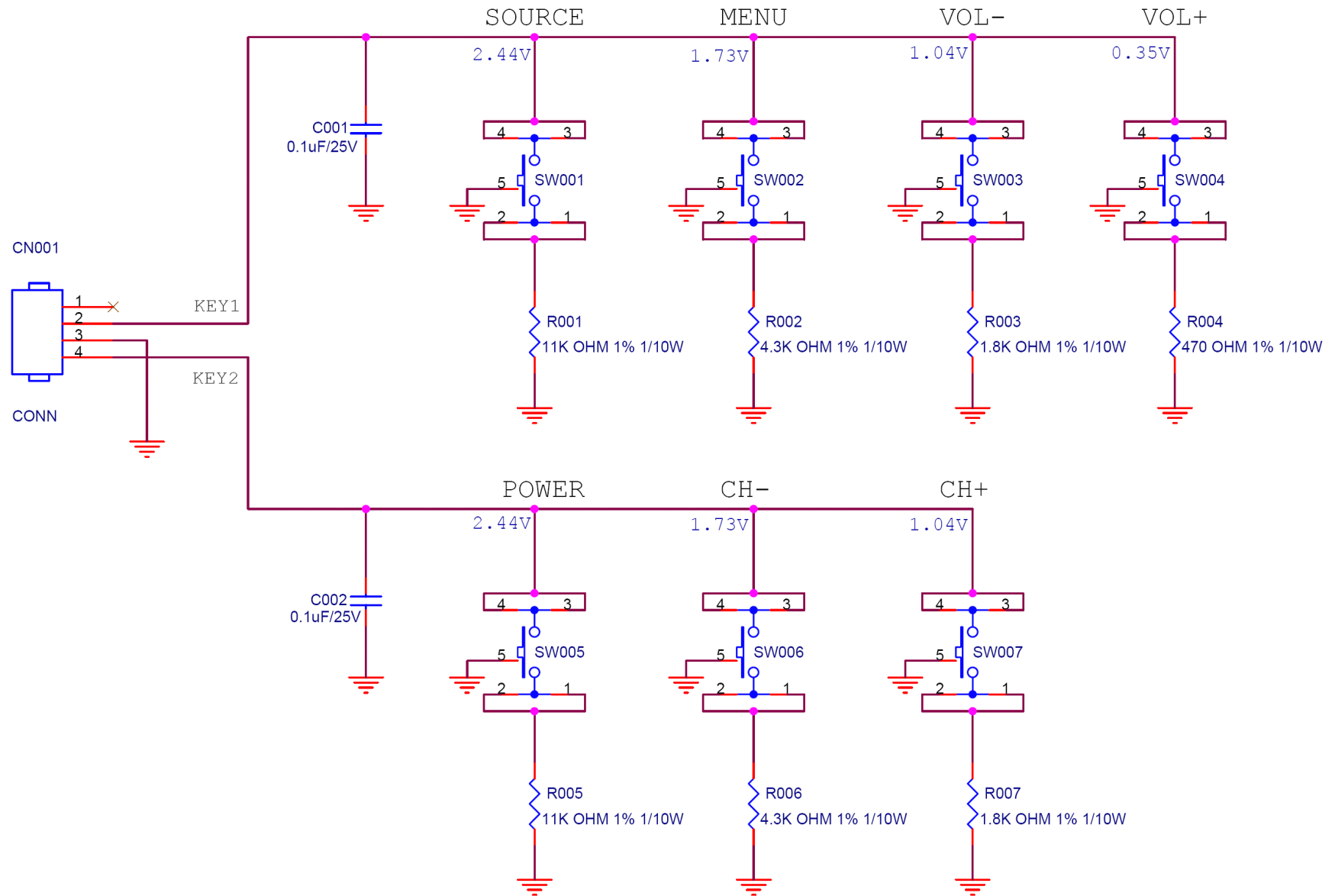






TP.V (Top Victory Electronics Co., Ltd.)	DEM MODEL	Rev. D
	TPV MODEL	Rev. A
Rev. Comment: 02 POWER	PCB NAME: 715T2907 1	
Date: Thursday, January 24, 2008	Sheet: 1 of 1	

9.3 Key Board
715T2997 1



9.4 IR Board

L19W981 & L22W981 715T2998 1

