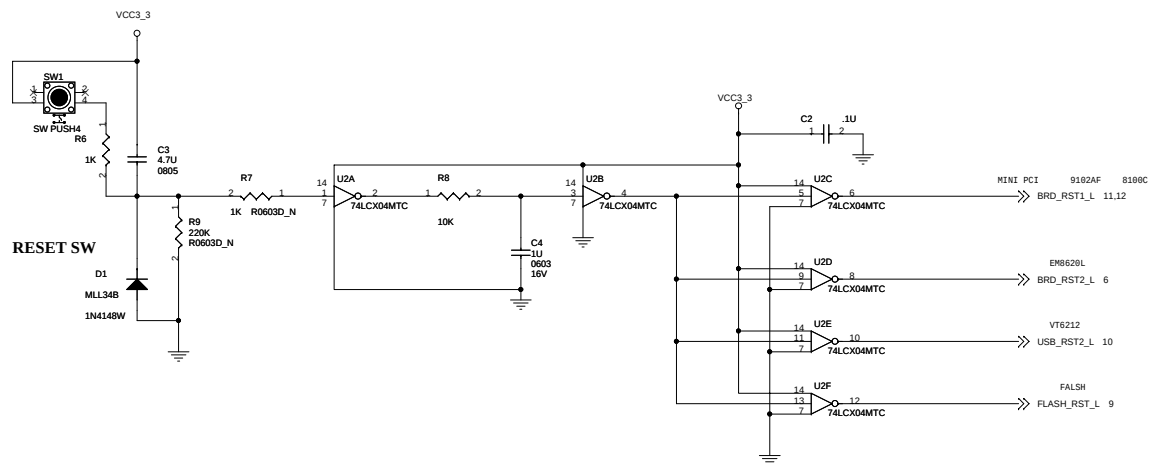
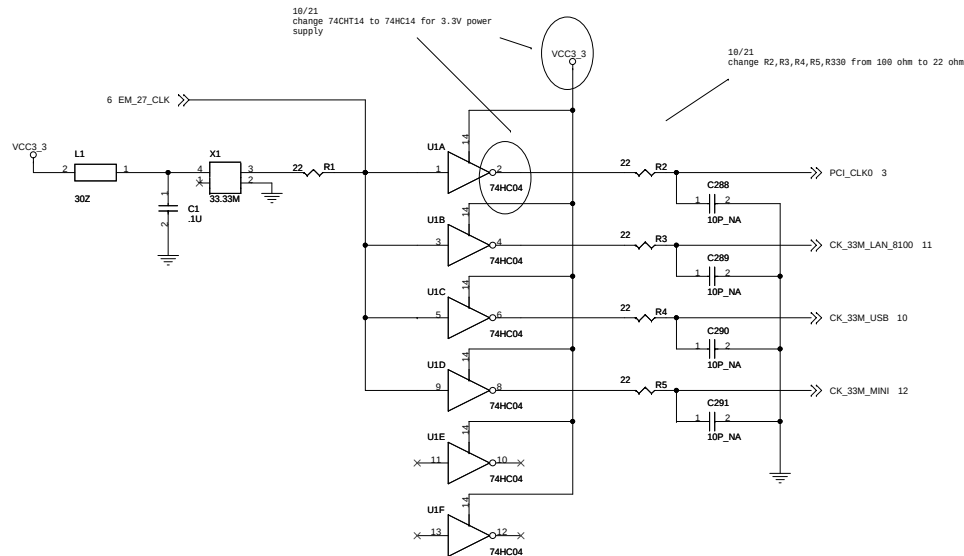
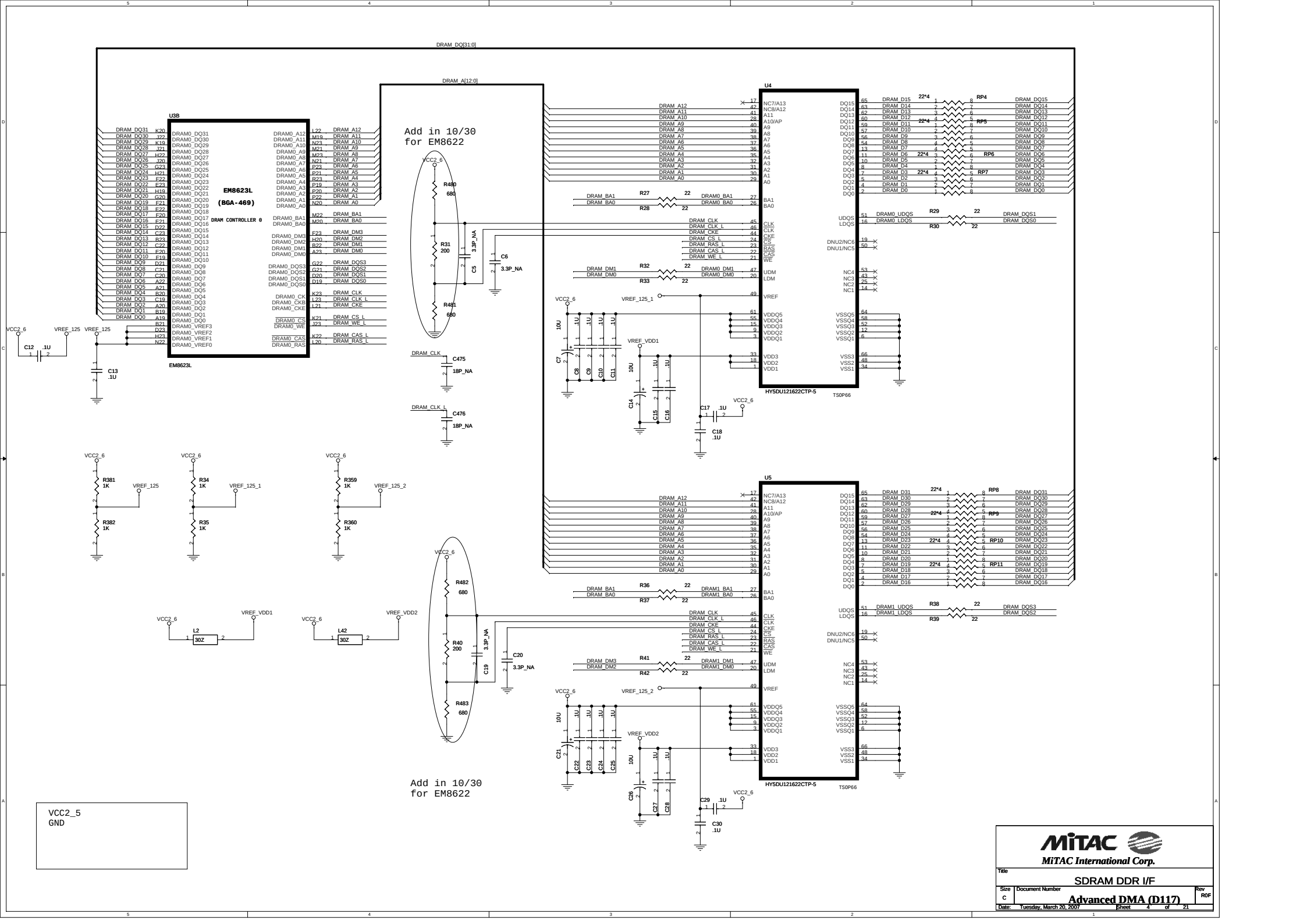
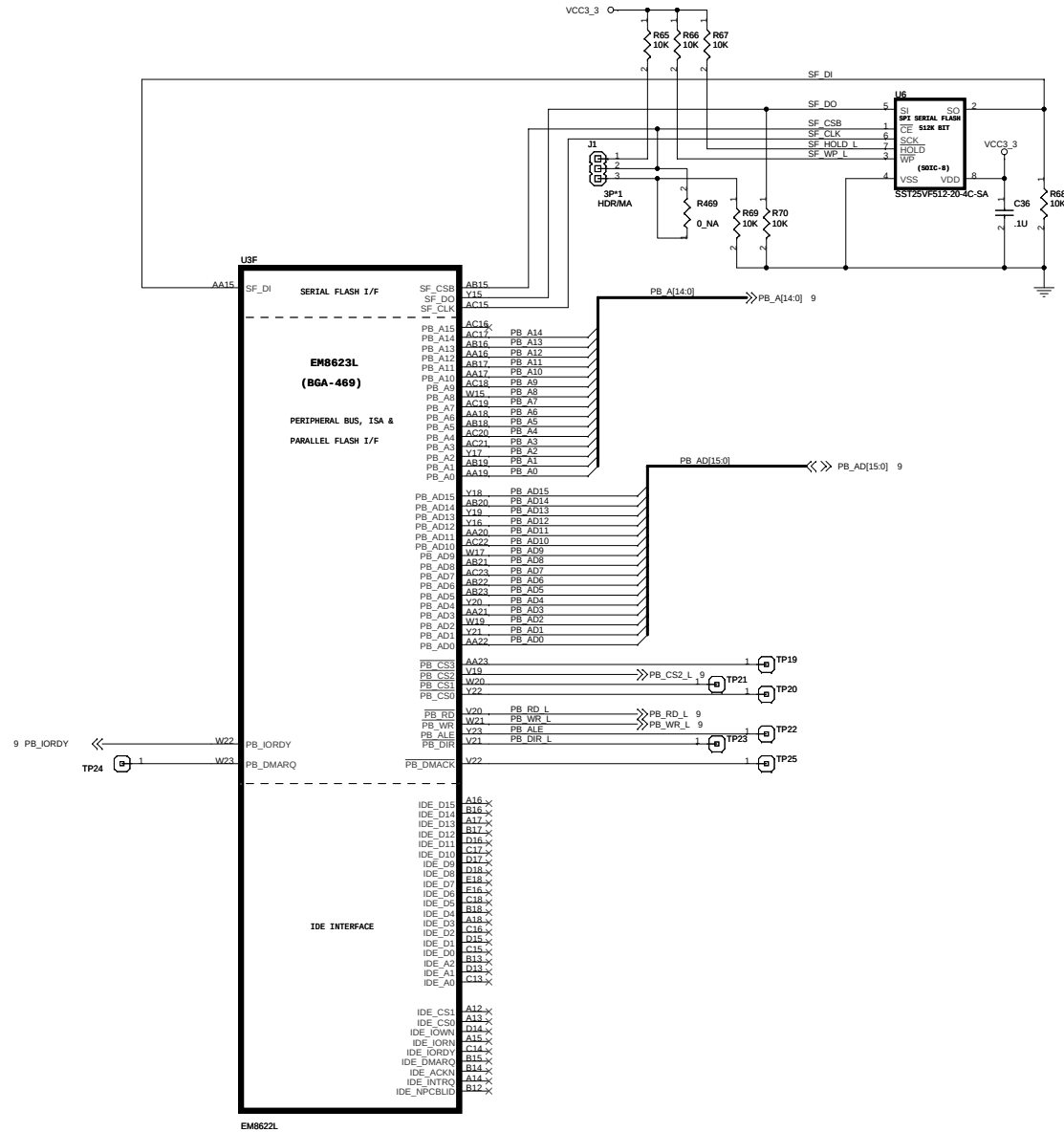


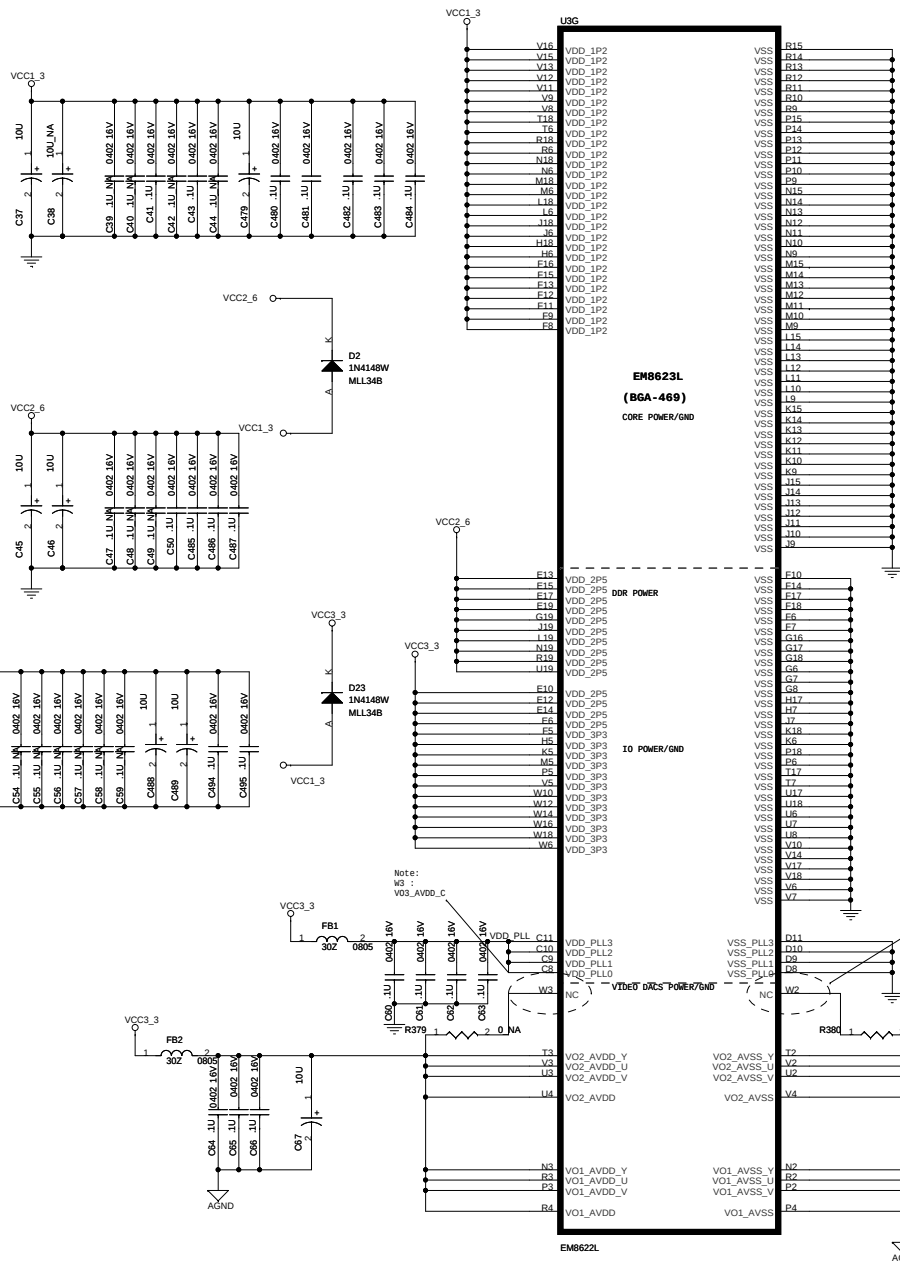






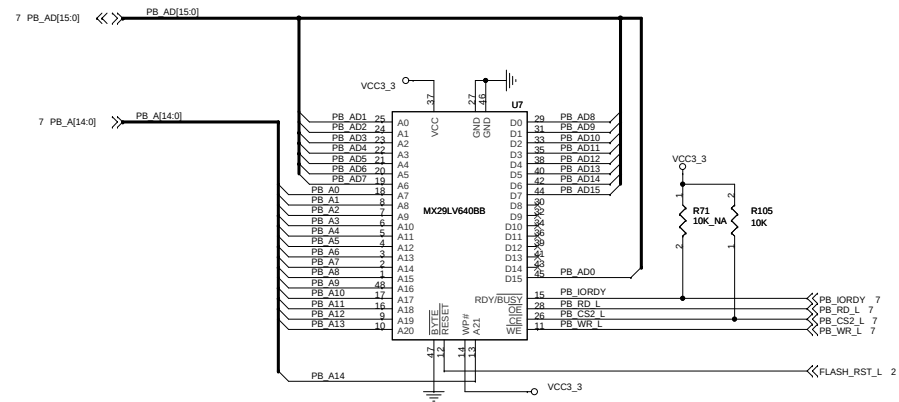
NOTE: CONNECT JP1&2 TO BOOT FROM SERIAL FLASH

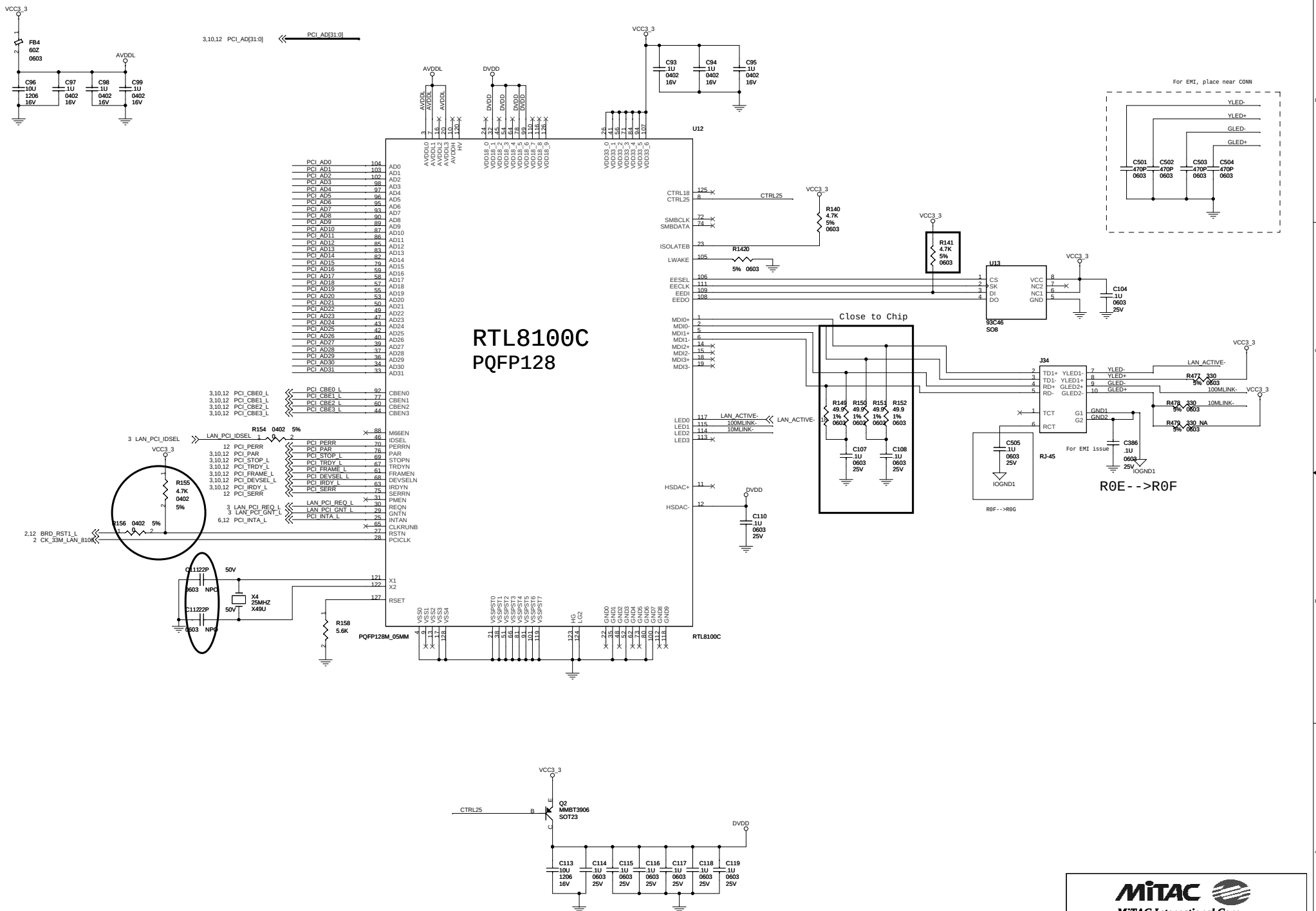


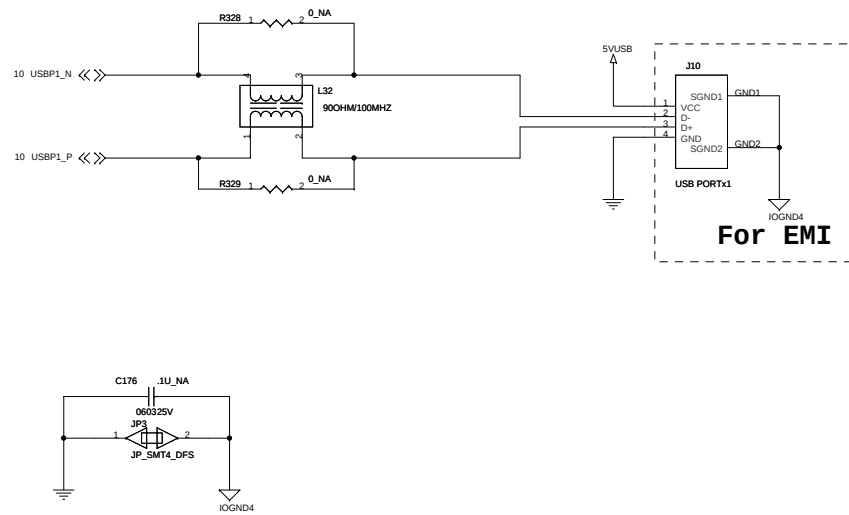


NOTE :
VCC3_3 should rise before VCC1_2
VCC2_5 should rise before VCC1_2

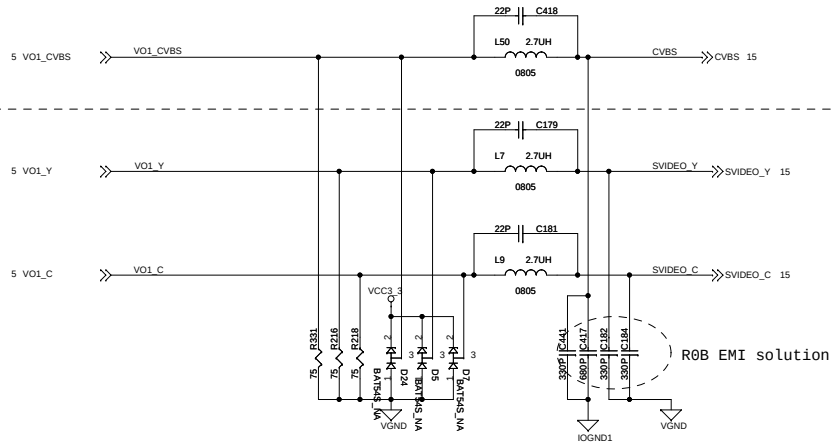
VCC1_2
VCC2_5
VCC3_3
GND
VIND



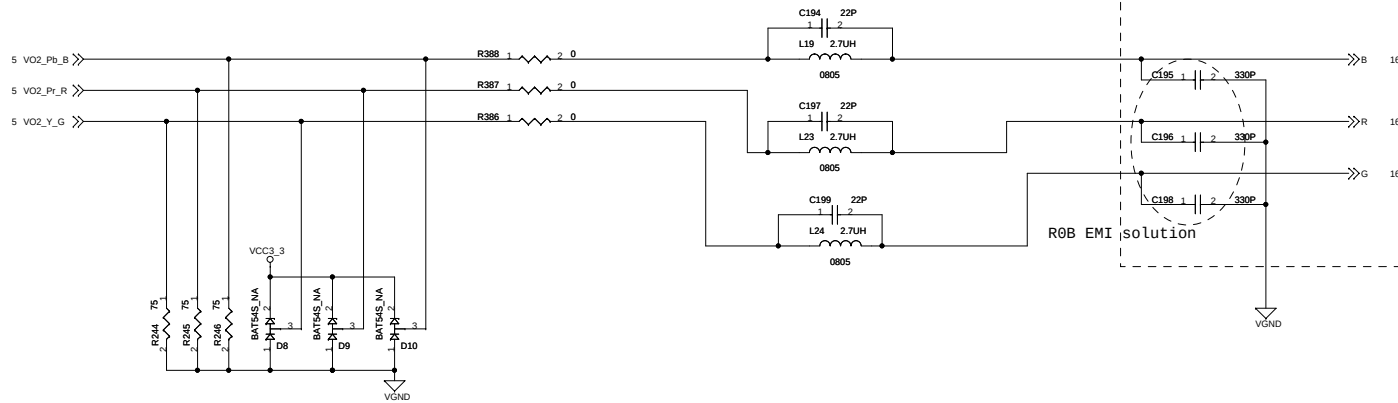


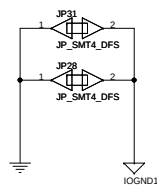


Add composite CVBS

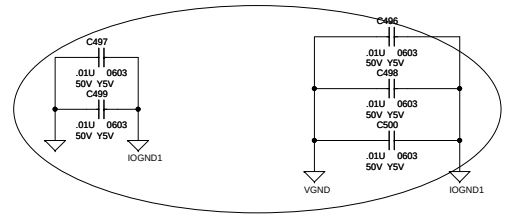
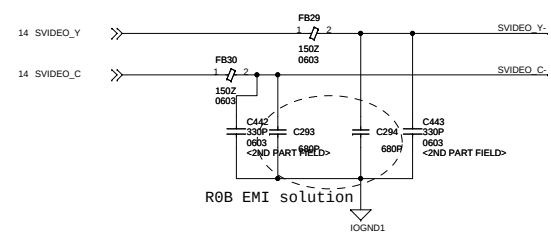
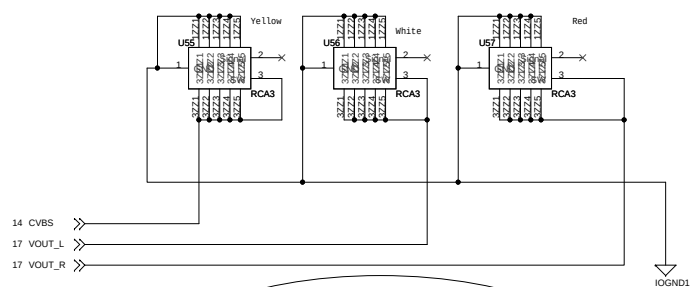
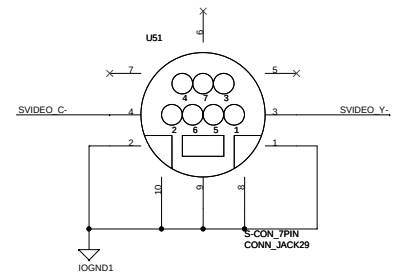


Remove D1/D2/D3/D4
I/F and change to
RGB for DVI-I

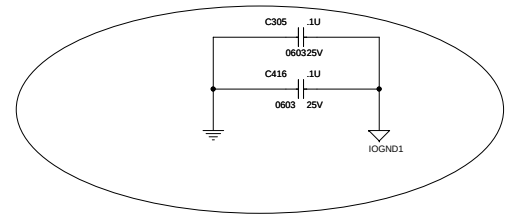
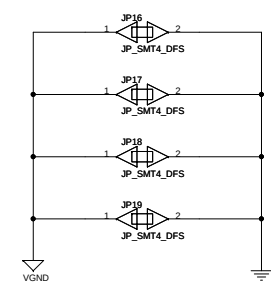




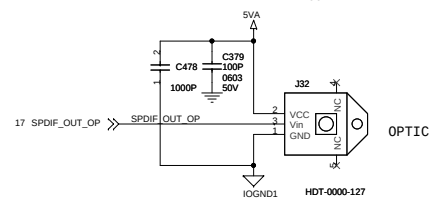
Add composite CVBS

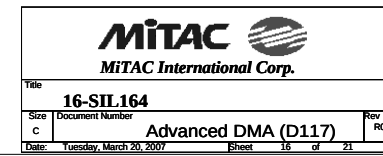


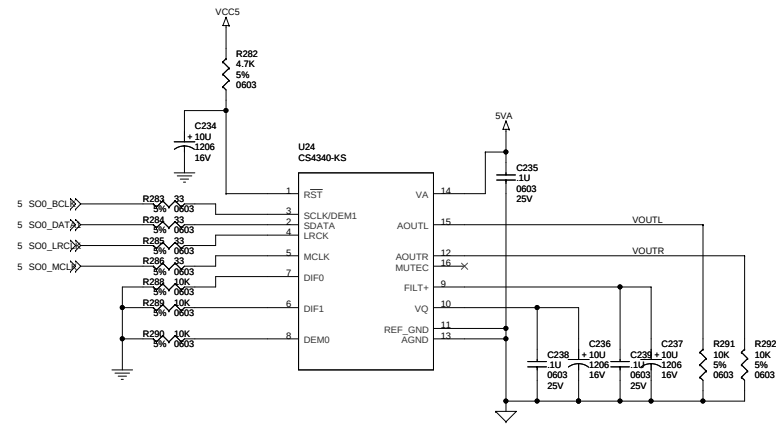
EMI issue



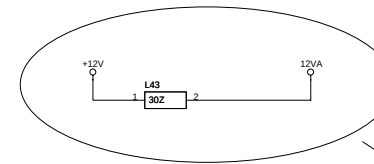
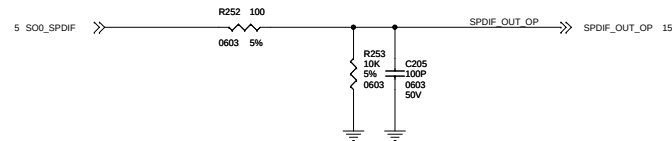
EMI issue



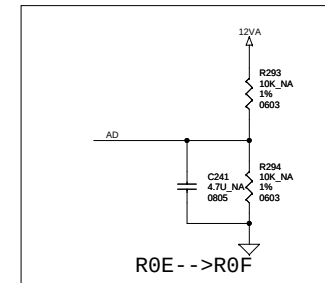
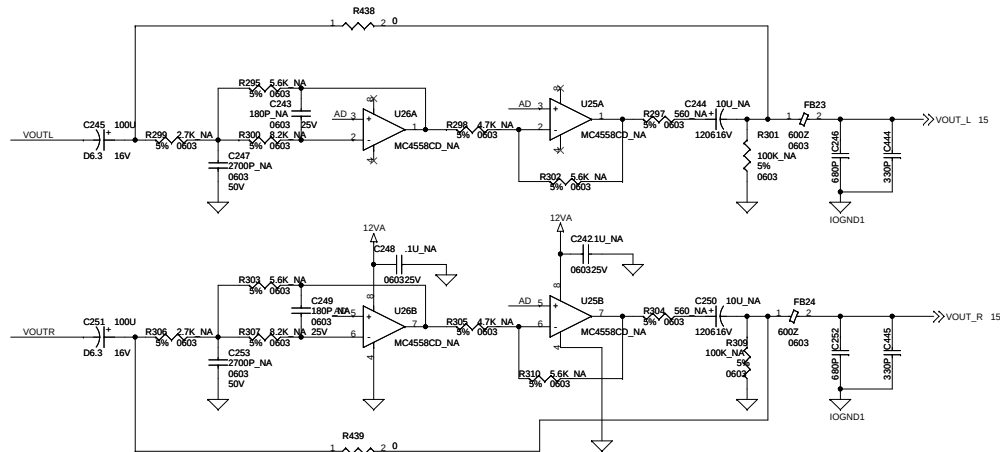




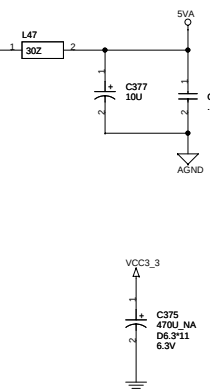
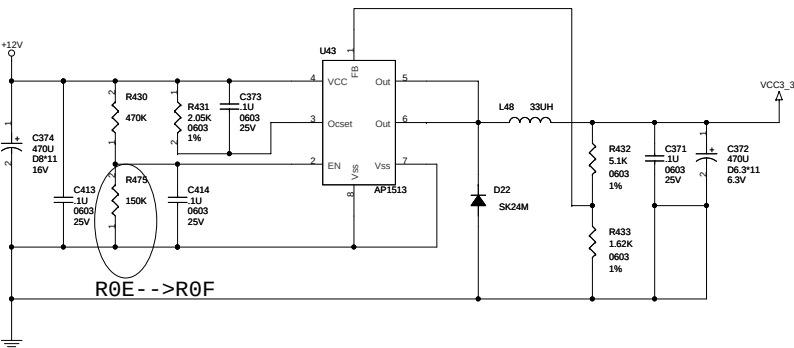
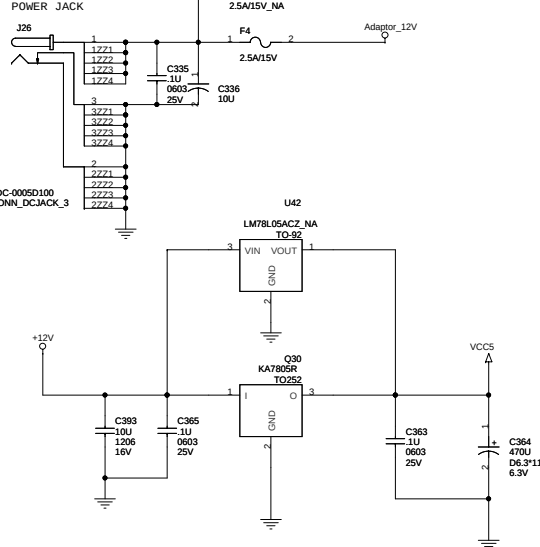
SPDIF



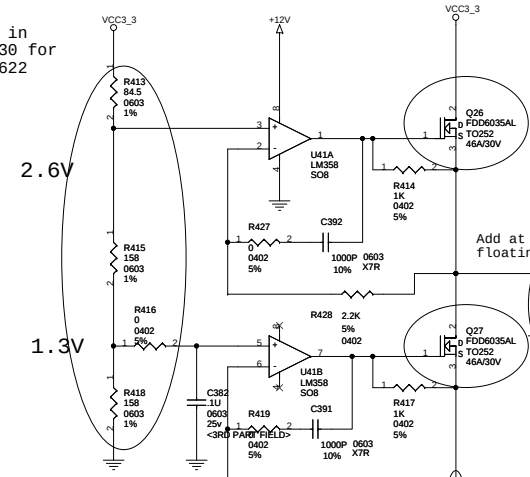
19/21
add BEAD L43 for VCC12V transfer to 12VA



External Power



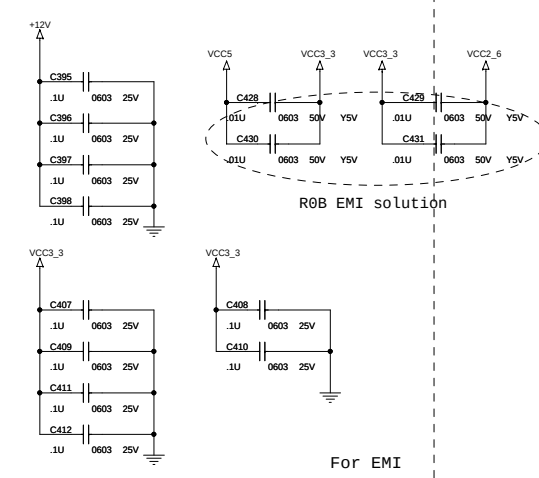
Add in 10/30 for EM8622



Add at 11/1 for load floating issue

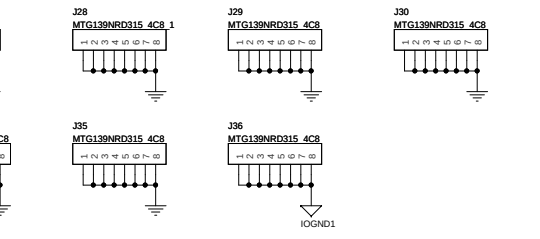
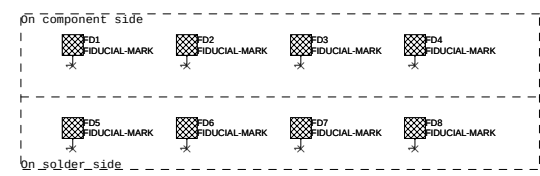
Add at 11/1 for load floating issue

10/21
Add for regulated 3.3V power supply

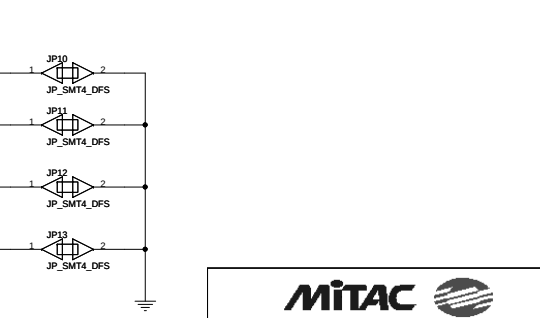
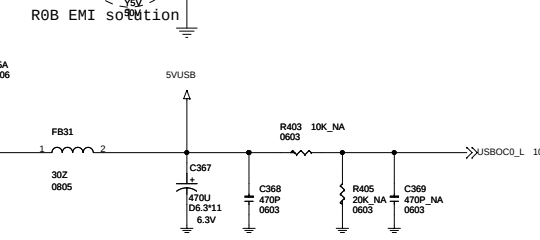


For EMI

R0B EMI solution



For EMI



MiTAC
MiTAC International Corp.

Title		19-POWER SOLUTION	
Size	Document Number	Advanced DMA (D117)	
C		Sheet	19 of 21
Date:	Friday, November 04, 2005	Rev	ROF

- R0B----->R0C
1. Add LED (R+B) Use GPIO Pin15, Pin14

2. I/OGnd1 connect GND for improve Video Output

3. Add Adapter 12V Switch Circuit and LED(R+B)

4. ADD R to lower RJ45 voltage

5. Improve USB2.0 signal

6. Add Fuse can use SW or Not

2005.4.15

- R0C----->R0D
- Add power bottom and change LED function

1. Remove all parts related to USB2.0 function

2. Add R468 between Q34 pinG and Q35 pin6 and change C477 from 0.1u to 4.7U/16V/1206 to solve the 18A inrush current at the moment of power on. unmount Q33 and mount Q34 for current consumtion concern.

3. Remove some un-used 0 ohm from BOM list in page6

4. Change R457 from 1.1K to 1.27K to solve VCC downm to 4.6V

5. Mount R440 with 1K ohm for LED issue

6. Mount R425 with 510 ohm for wireless LED issue

7. Add C478 for S/PDIF LED issue

8. Change wireless LED type for mechanical issue

9. Change PCB description from REV:R0C to R0D

2005.5.24
- R0D----->R0E

For EMI relayout

1. change FB29,FB30 from 120z to 150z

2. Mount C476,C475,C415,C416,C386,C305

3. Add C496~C500

2005.7.5

R0E----->R0F

1. DEL R21,R23,25,R20,R22,R24

2. DEL R49,R50,R52,R53,R55,R56,R57,R59,R61,R63,R64,R287
Change J34(LAN CON),

3. DEL R434,R436,R437,LED1,LED2,R420,R421,R473
Add C501~C504 for EMI

4. Change C241 from 0603 to 0805(4.7UF) for Audio issue

5. LED function:DEL R471,R472,C388,Change Q28,Q29,R422,R423,R470

6. RS232:Change to 2*5 pin header

7. S-video:change to 7 pin

8. Del D7,D5,D9,D8,D10,D25,D26 (ESD function), U25,U26 (OP) from BOM

MITAC

MITAC International Corp.

20-Design Notes

Advanced DMA (D117)

Rev

Rev

2005.07.24

2005.07.24

2005.07.24

