

**SB-T335 rev 1.0**

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ZZ1



PARSER VERSION 1.0

PCB1

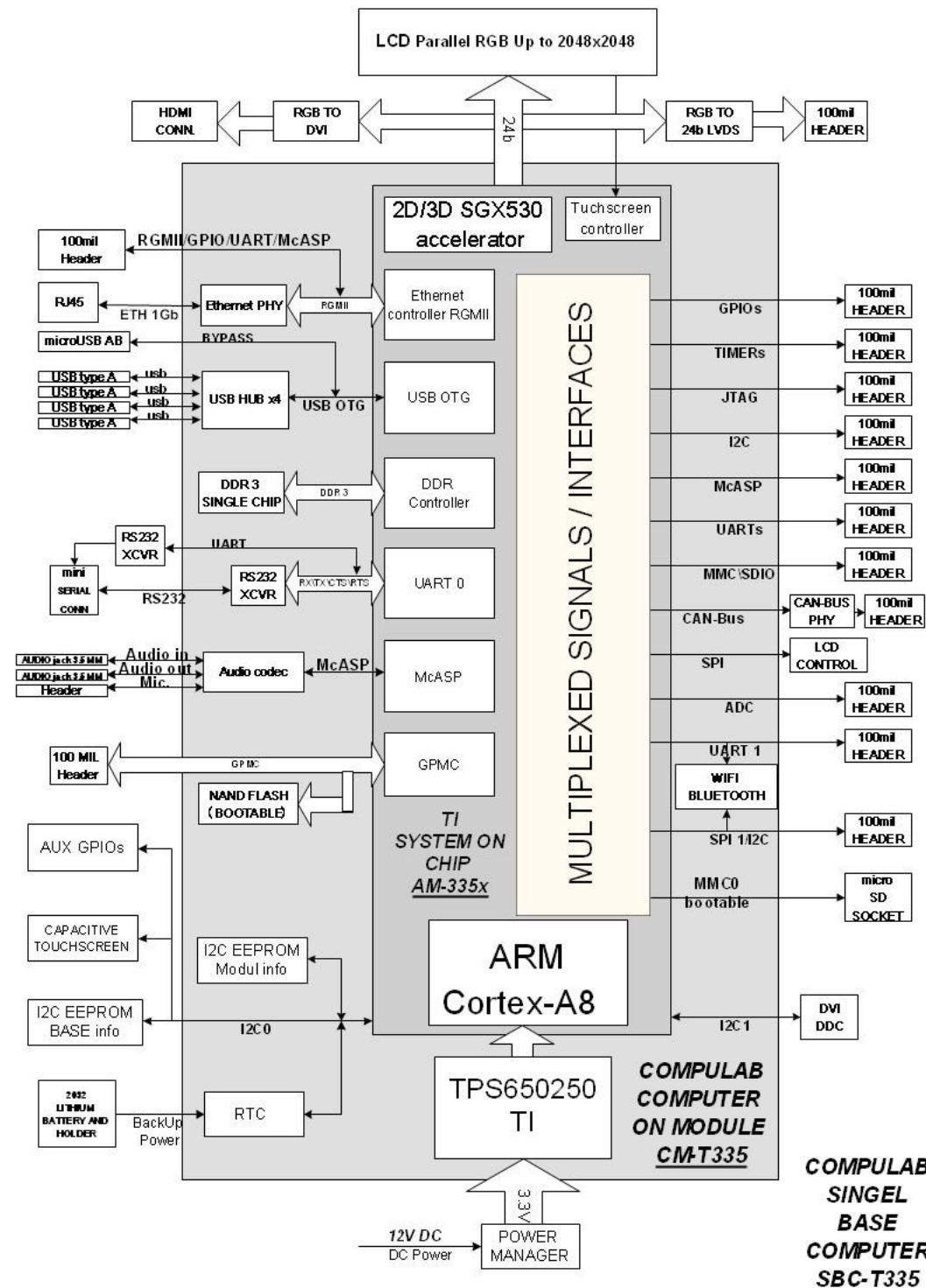


PCB, SB-T335 Rev 1.0



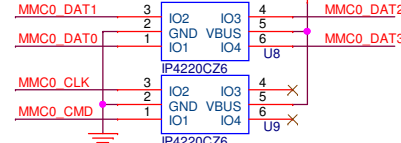
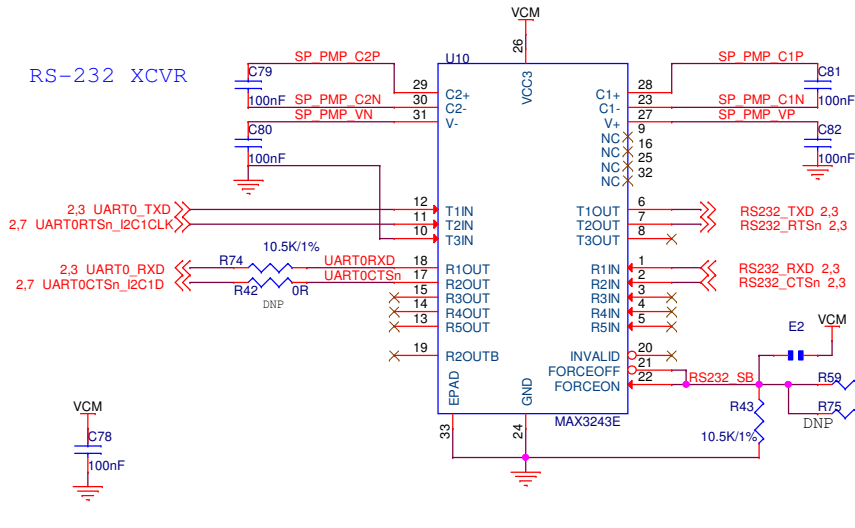
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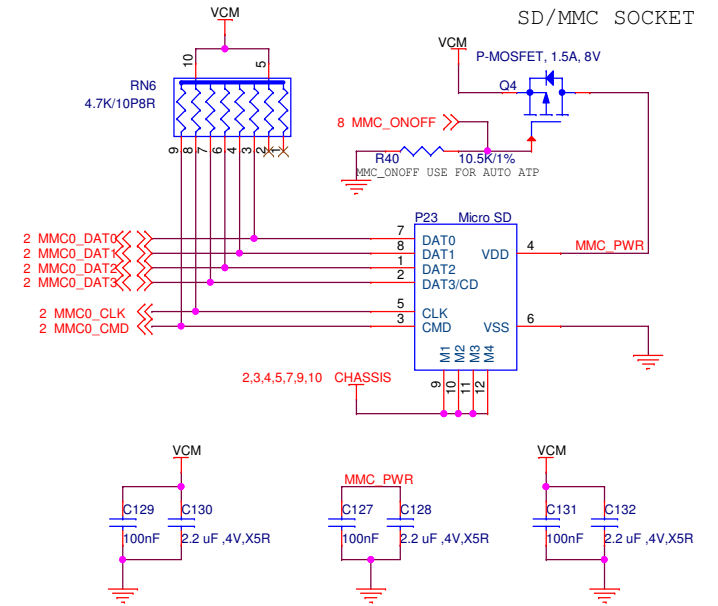




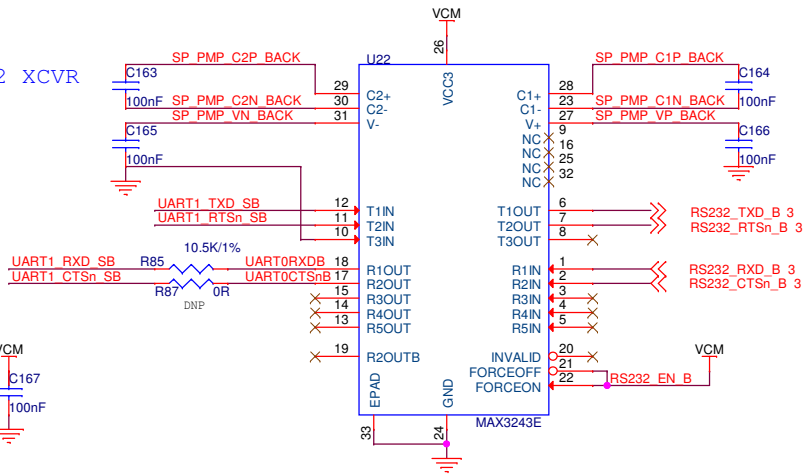
## RS-232 XCVR



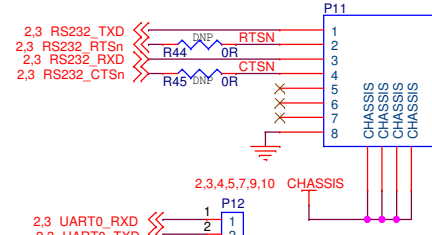
## SD/MMC SOCKET



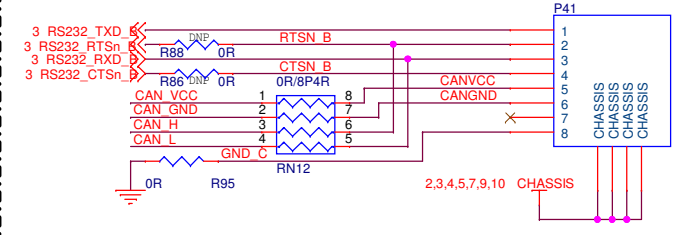
## RS-232 XCVR



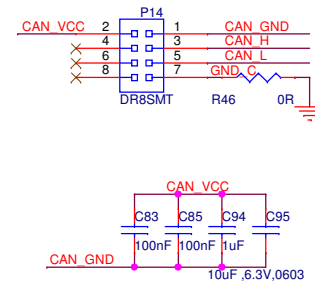
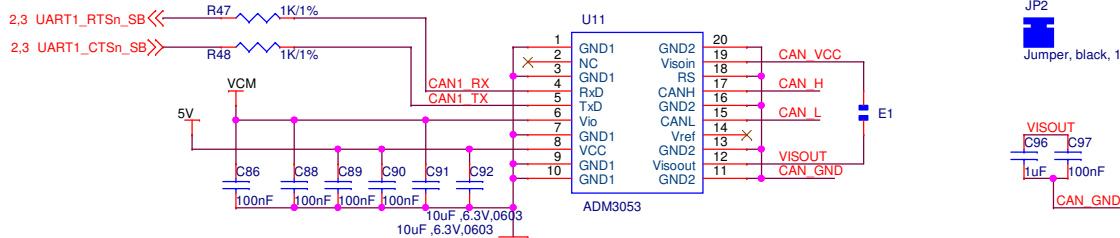
## FRONT RS232 CONNECTOR



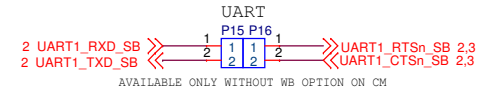
## BACK RS232 CONNECTOR WITH CAN-Bus OPTION

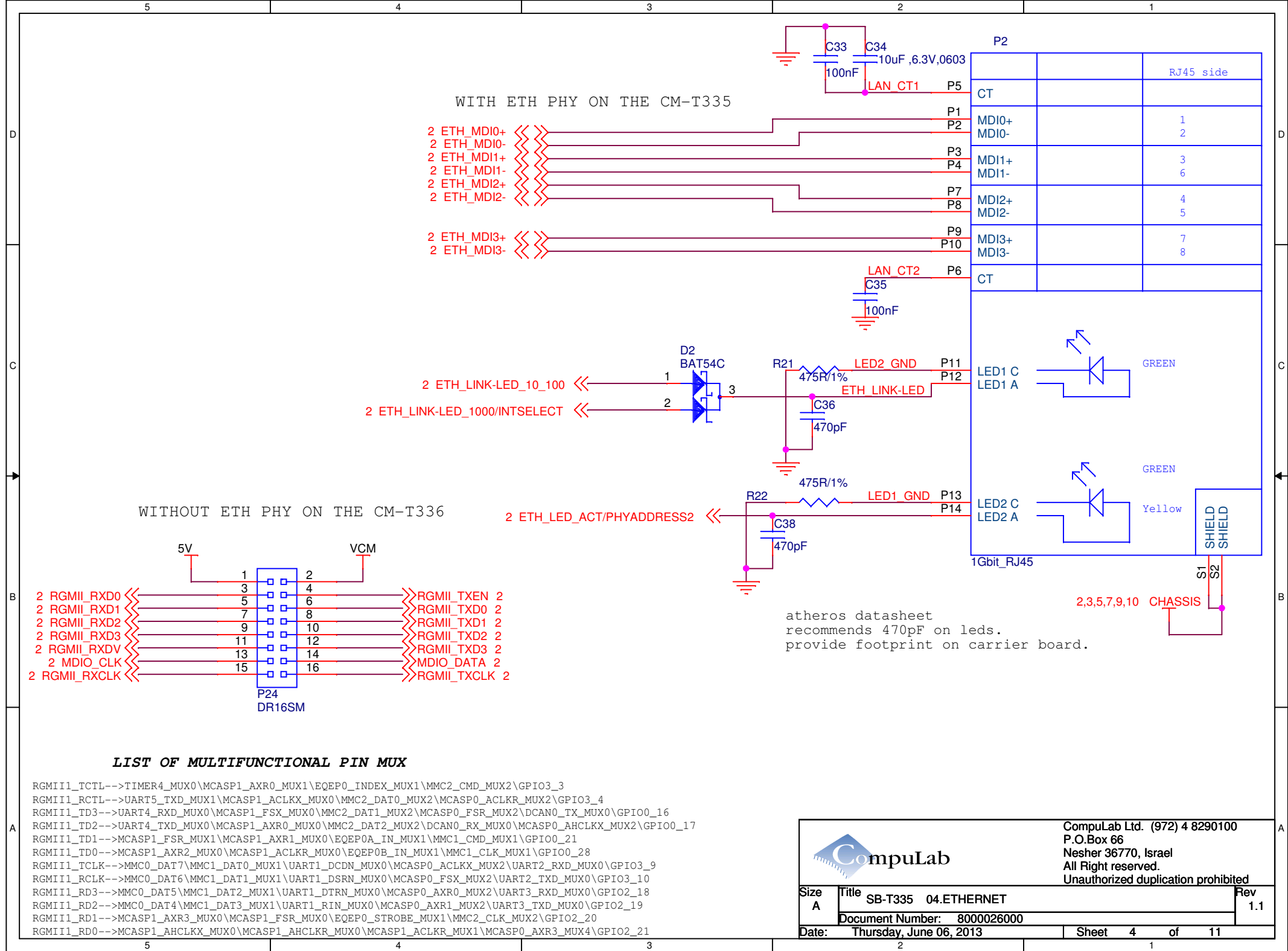


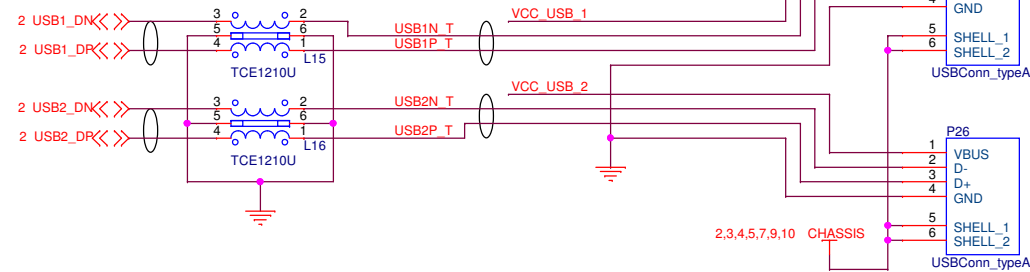
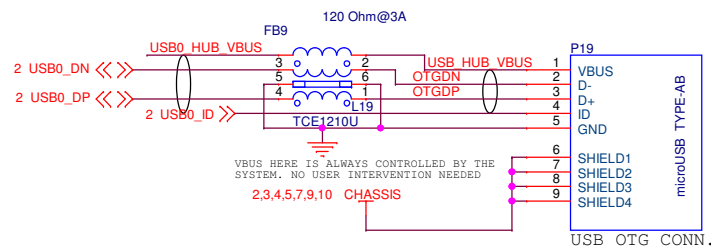
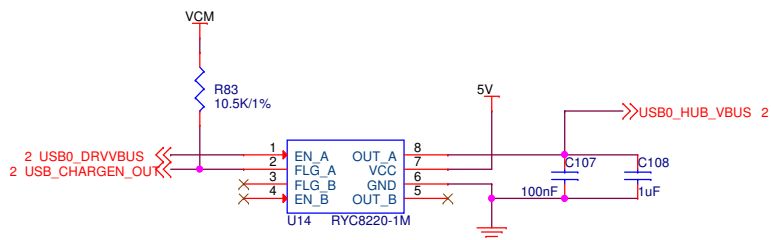
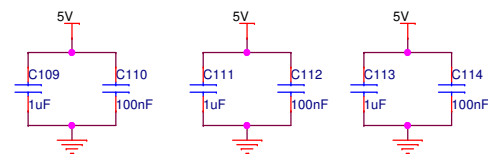
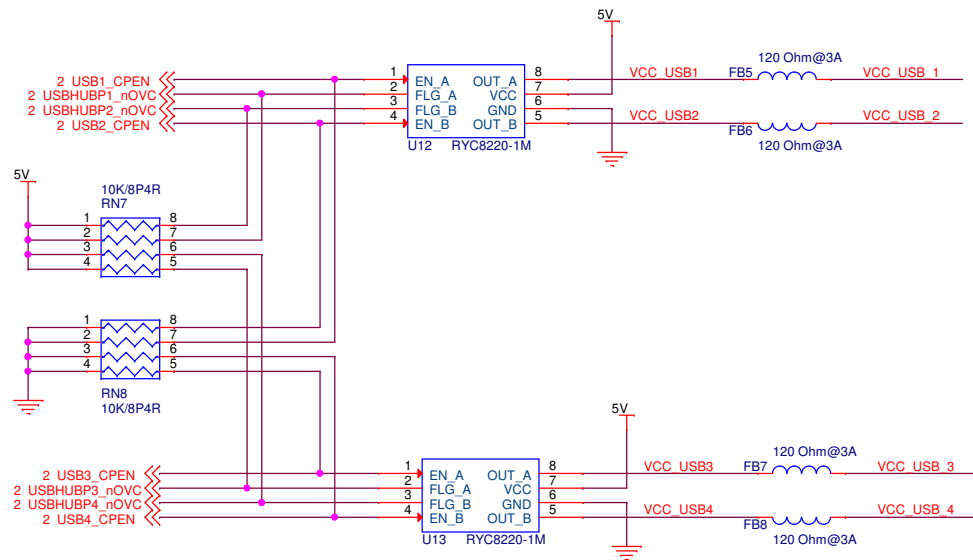
## CAN ISOLATION, POWER & PHY



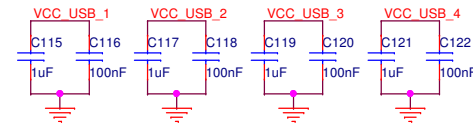
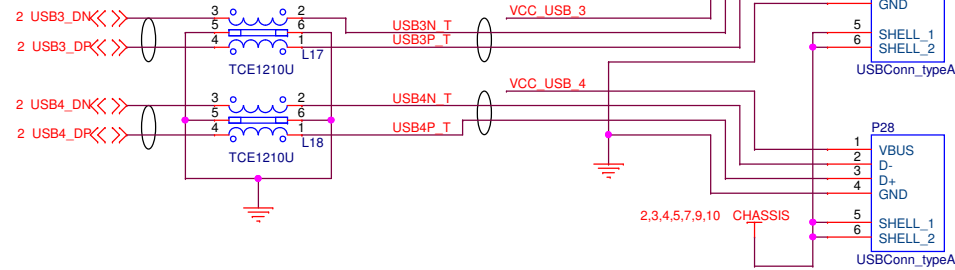
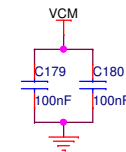
UART1\_RTSn\_SB HAS OTHER FUNCTION : DCAN0\_RX  
UART1\_CTSn\_SB HAS OTHER FUNCTION : DCAN0\_TX

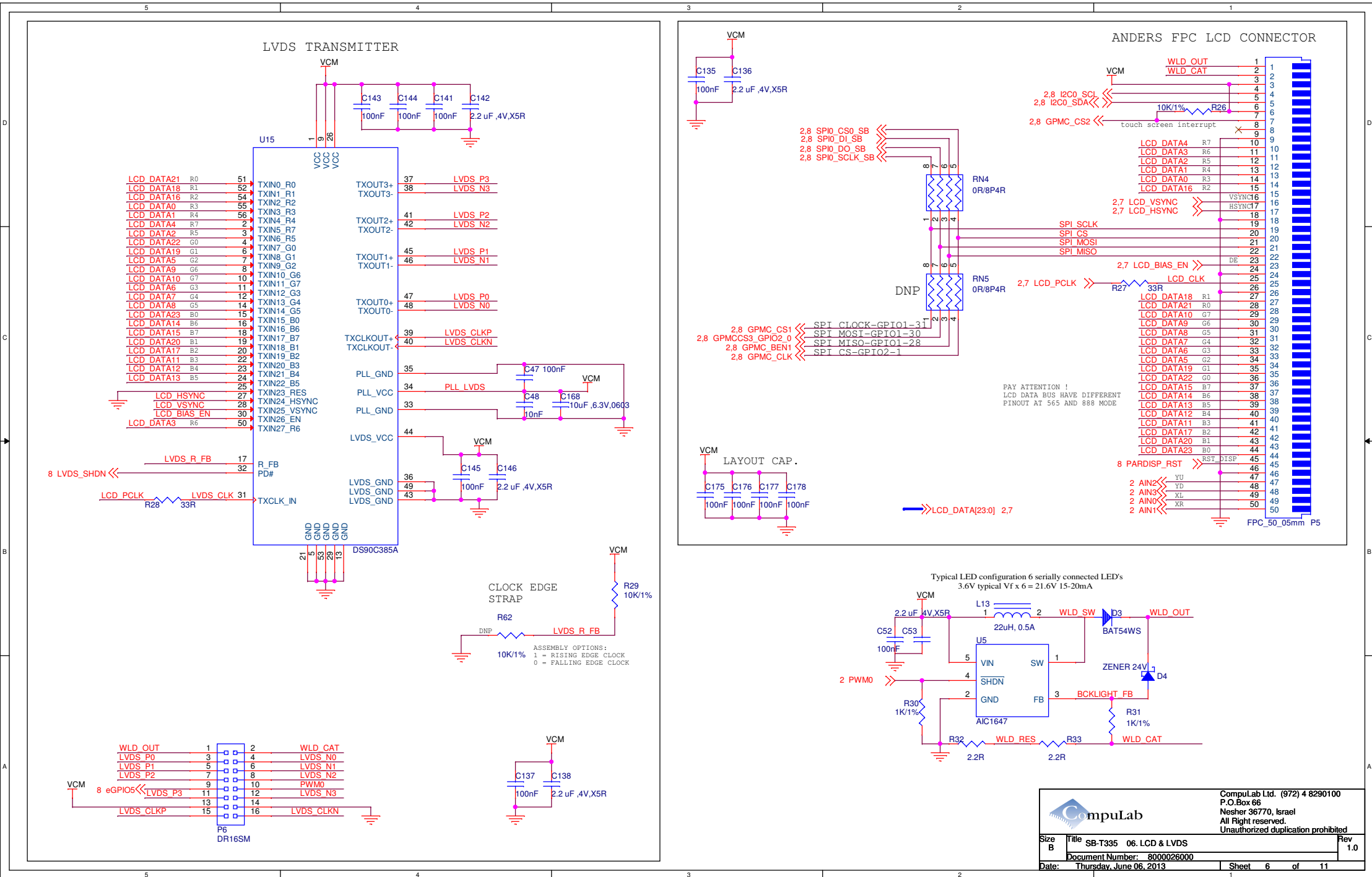






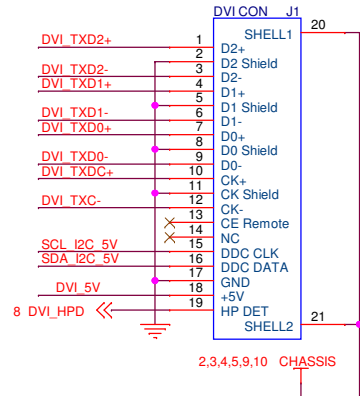
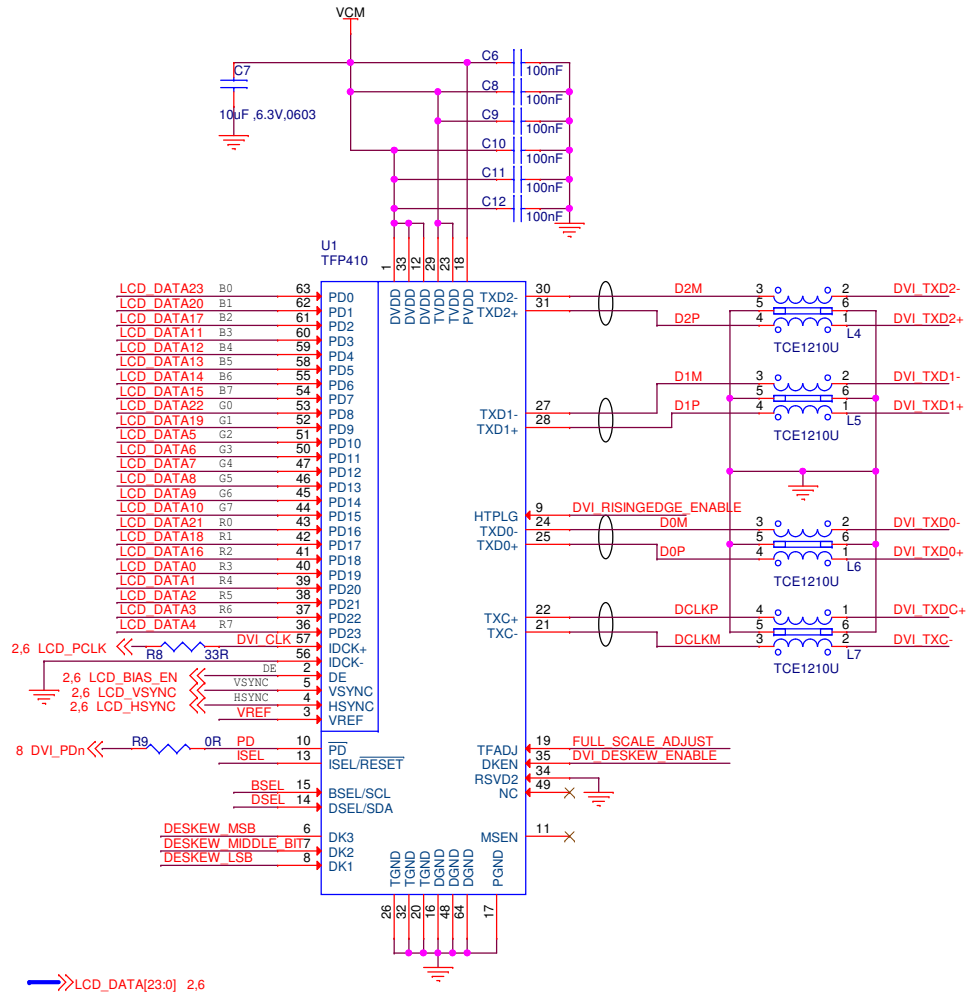
LAYOUT CAP.



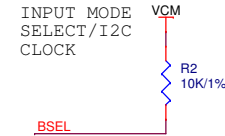


# DVI TRANSMITTER

# DVI HARDWARE CONFIGURATION



INPUT MODE  
SELECT/I2C  
CLOCK



IF I2C DISABLED:  
1 = INPUT IS 24  
BIT SINGLE EDGE  
0 = INPUT IS 12  
AS I2C CLOCK  
BIT DUAL EDGE

VREF ADJUST

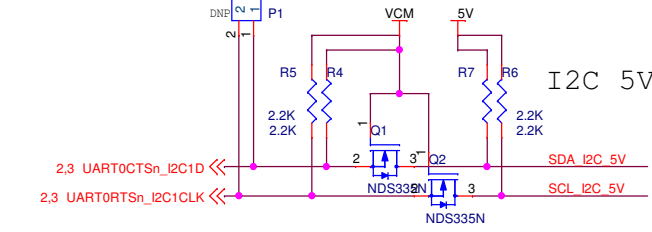
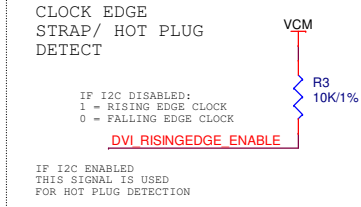
**VREF**

**10K/1% R1**

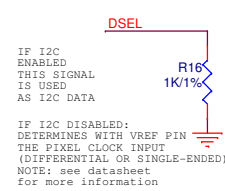
**VCM**

ADJUSTS INPUT SIGNALS VOLTAGE REFERENCE

CLOCK EDGE  
STRAP/ HOT PLUG  
DETECT



CLOCK MODE  
SELECT/I2C  
DATA

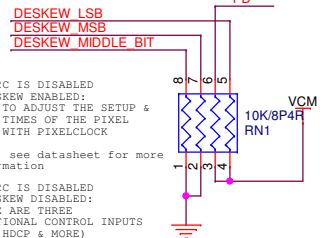


ASSEMBLY OPTIONS:  
1 = I2C ENABLED  
0 = I2C DISABLED

**ISEL**

**1K/1% R17**

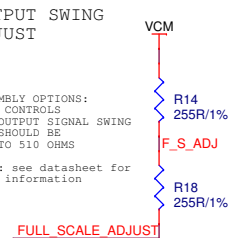
## DESKEW STRAPS



## OUTPUT SWING ADJUST

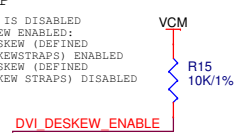
ASSEMBLY OPTIONS:  
THIS CONTROLS  
THE OUTPUT SIGNAL SWING  
AND SHOULD BE  
SET TO 510 OHMS

NOTE: see datasheet for  
more information



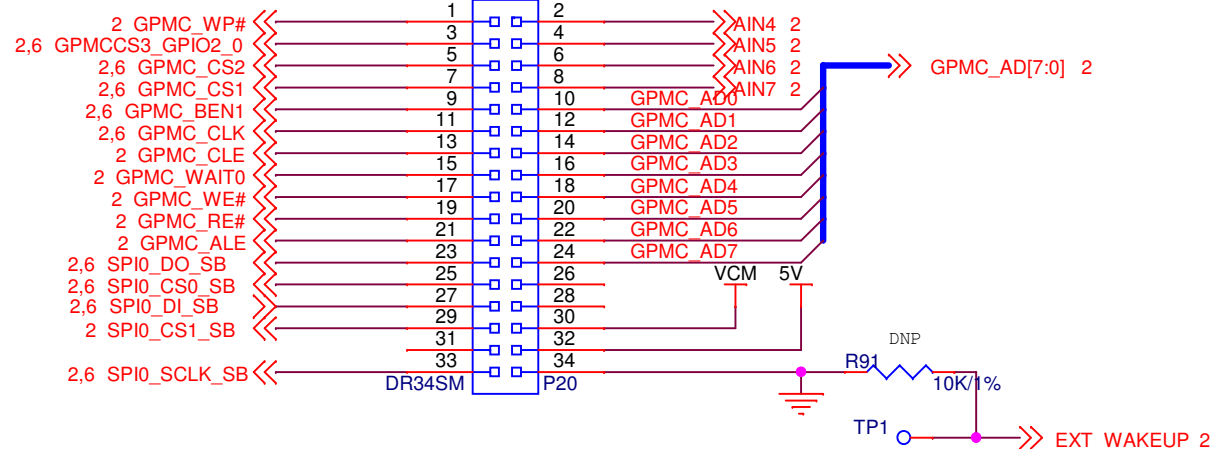
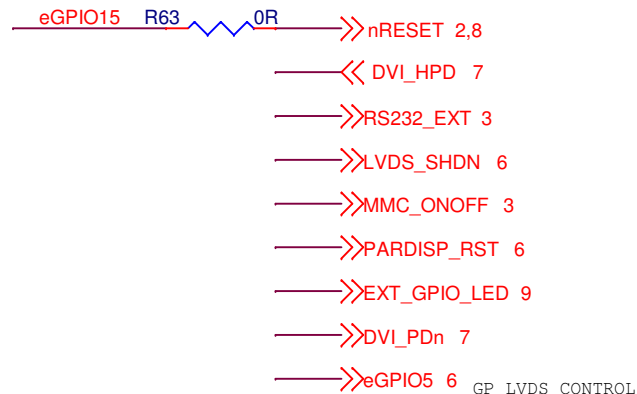
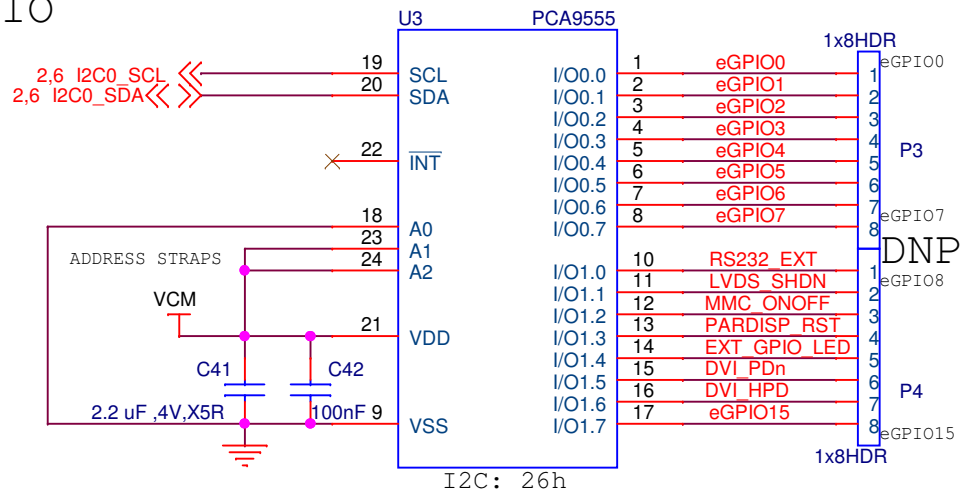
## DESKEW ENABLE STRAP

IF I2C IS DISABLED  
& DESKEW ENABLED:  
1 = DESKEW (DEFINED  
BY DESKEWSTRAPS) ENABLED  
0 = DESKEW (DEFINED  
BY DESKEW STRAPS) DISABLED

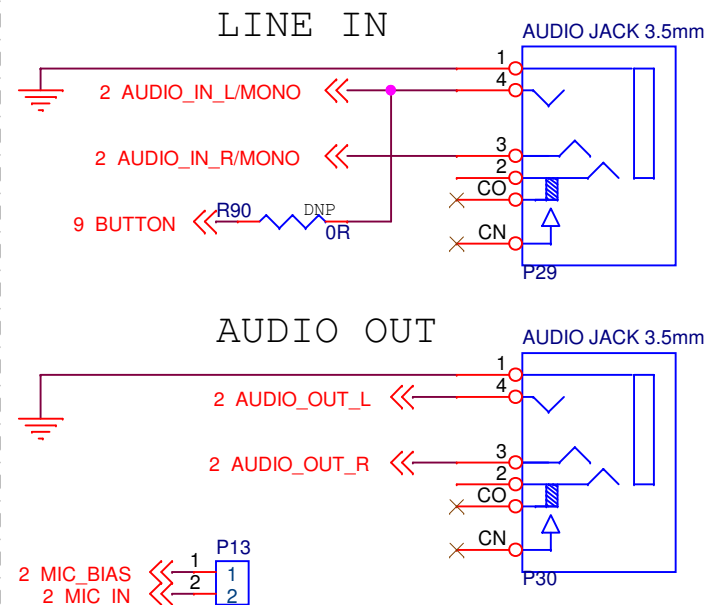




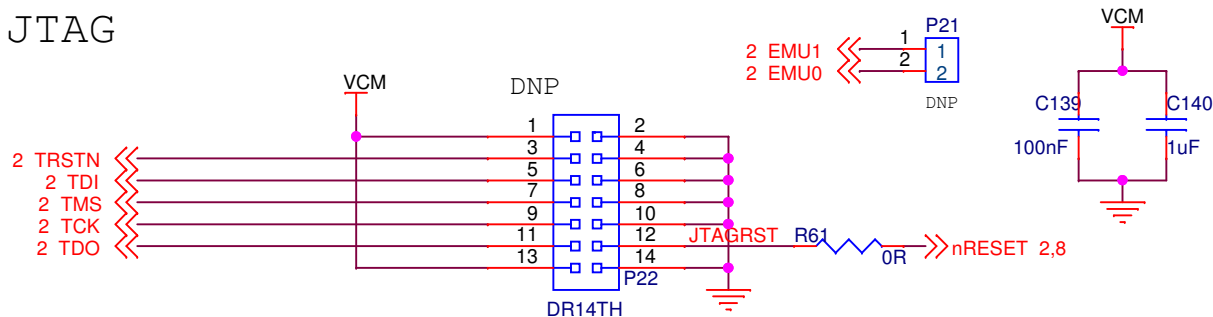
## AUX. GPIO



## AUDIO



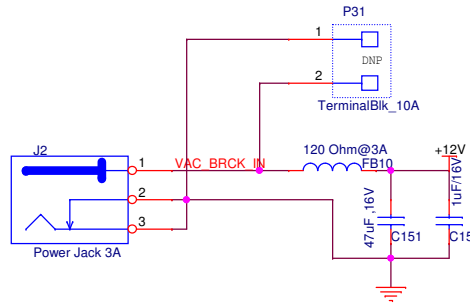
## JTAG



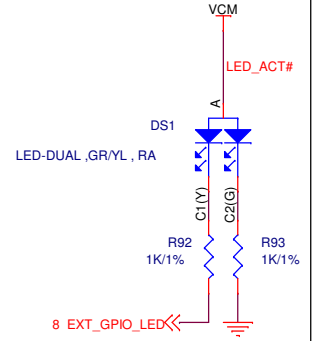
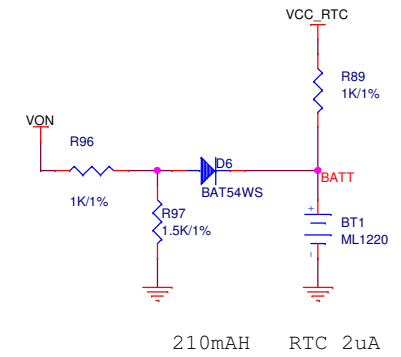
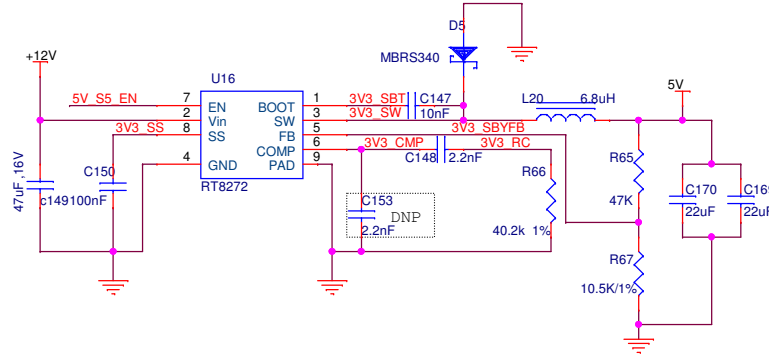


+12V (12V, 3.A)

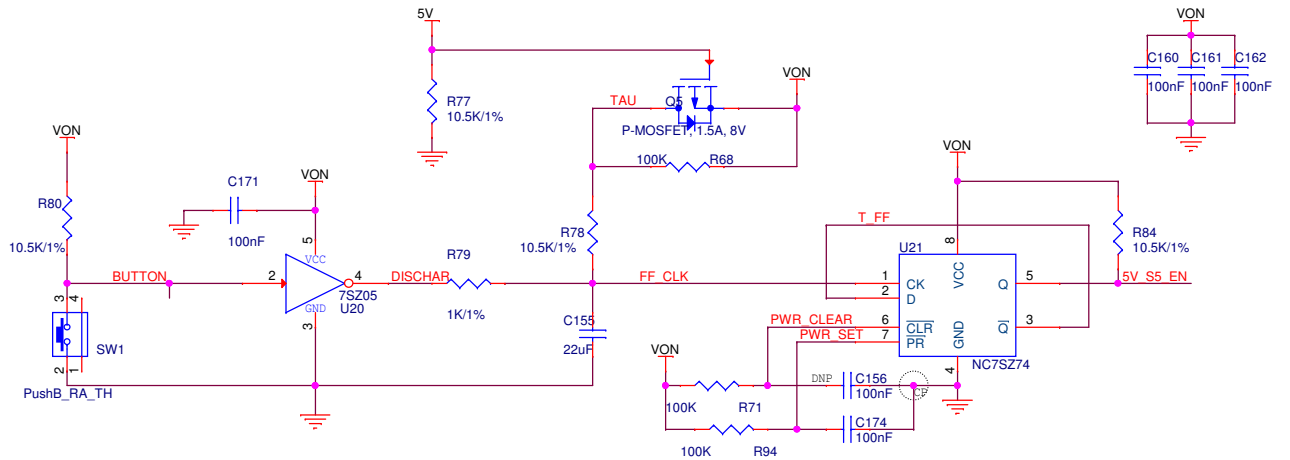
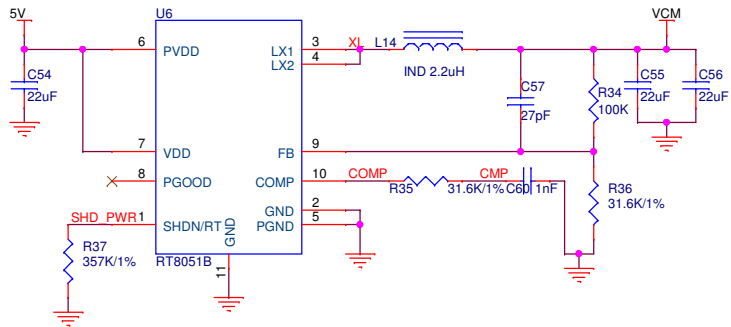
DC CONNECTOR



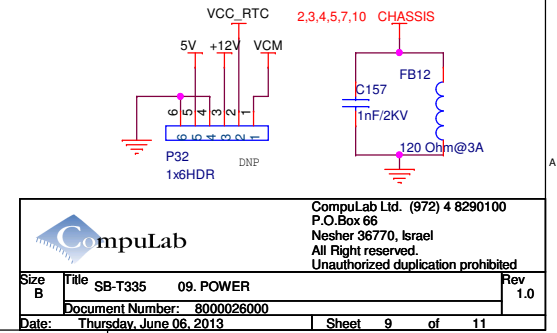
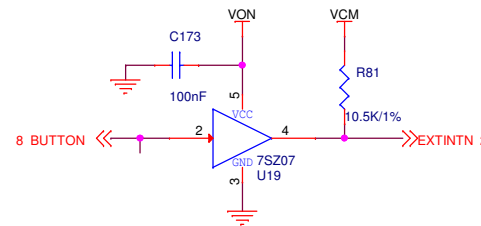
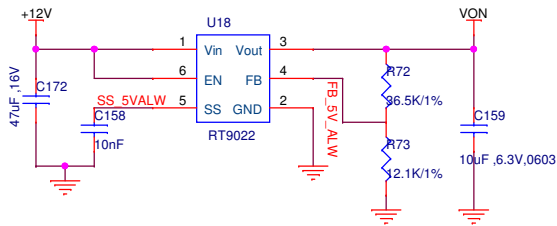
VDC (5V, 3A)



VCM (3.3V, 3A)



VON (5V, 50mA)



TURN ON IMMEDIATELY AFTER PUSH THE BUTTON  
TURN OFF WITH DELAY (LONG PUSH)  
SHORT PUSH CALL TO INTERRUPT THAN DO SW POWER OFF

STANDOFFS

STANDOFF1



Spacer,(Standoff) Hexagonal+ext, M3/L12mm+M3/L6mm, Brass, Nickel coating

STANDOFF3



Spacer,(Standoff) Hexagonal+ext, M3/L12mm+M3/L6mm, Brass, Nickel coating

STANDOFF2



Spacer,(Standoff) Hexagonal+ext, M3/L12mm+M3/L6mm, Brass, Nickel coating

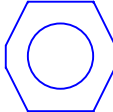
STANDOFF4



Spacer,(Standoff) Hexagonal+ext, M3/L12mm+M3/L6mm, Brass, Nickel coating

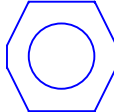
MECHANICAL NUTS

NUT1



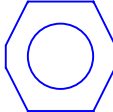
Nut, Hex, M3, Steel, Zinc plating, 2.4mm thick, 5.5mm Width

NUT2



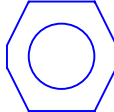
Nut, Hex, M3, Steel, Zinc plating, 2.4mm thick, 5.5mm Width

NUT3



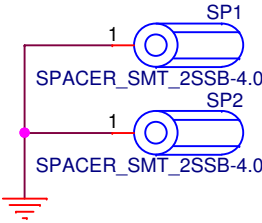
Nut, Hex, M3, Steel, Zinc plating, 2.4mm thick, 5.5mm Width

NUT4

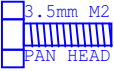


Nut, Hex, M3, Steel, Zinc plating, 2.4mm thick, 5.5mm Width

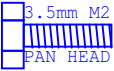
2M SPACERS



3.5mm SCREWS

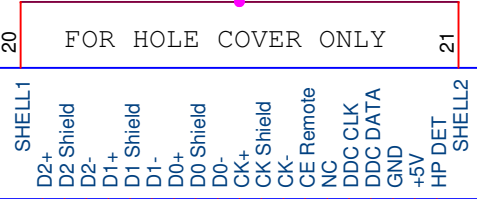



SCREW1  
SCREW, M2, 3.5mm, PAN HEAD



SCREW2  
SCREW, M2, 3.5mm, PAN HEAD

2,3,4,5,7,9 CHASSIS





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D

C

B


A

D

C

B

A

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