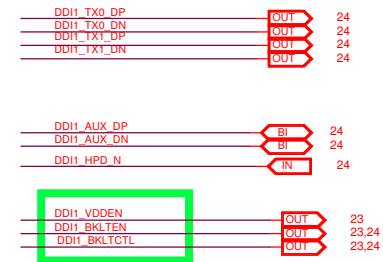
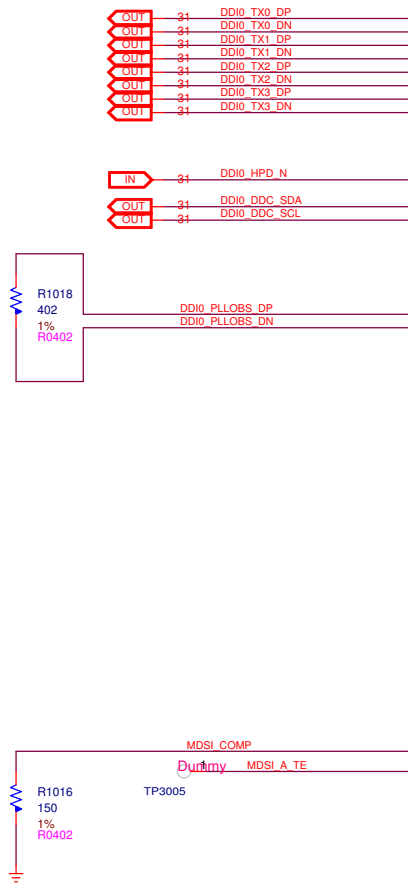
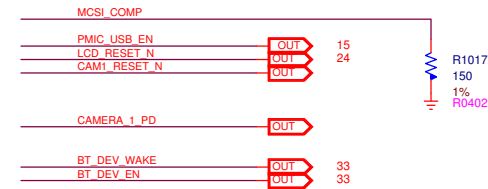


SQC:DISPLAY&CAMERA



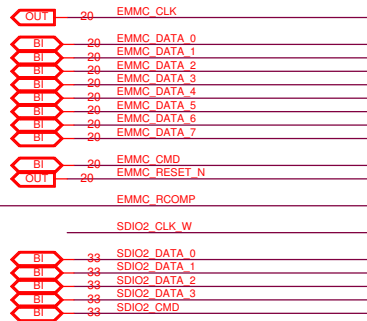
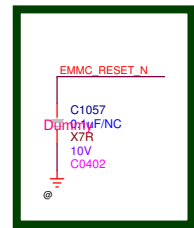
MIPI_PANEL_RESET	2014.5.28
MIPI_PANEL_BACKLIGHT_EN	2014.5.28
MIPI_PANEL_EN	



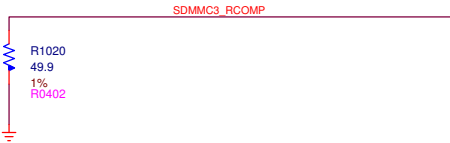
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04_SOC_DISPLAY & CAMERA			
Size	Document Number		Rev
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SOC:STORAGE/I2S

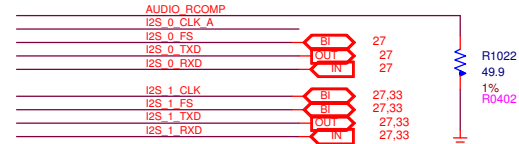
2015.7.2



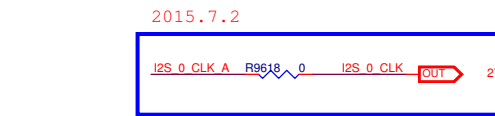
2015.7.2



2015.7.2

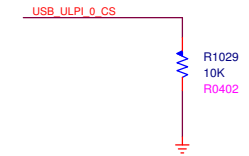
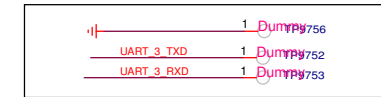
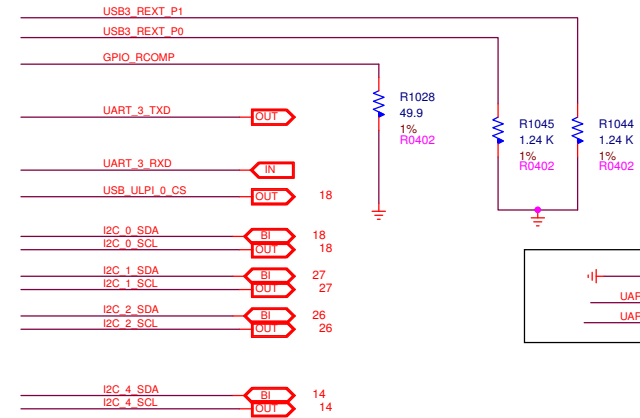
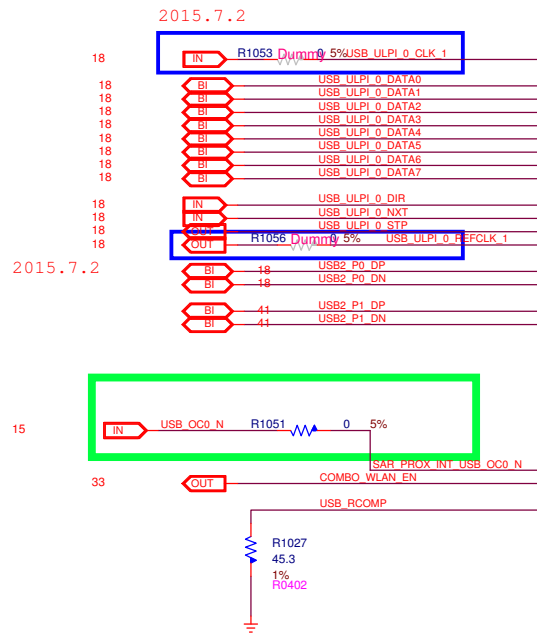


2015.7.2



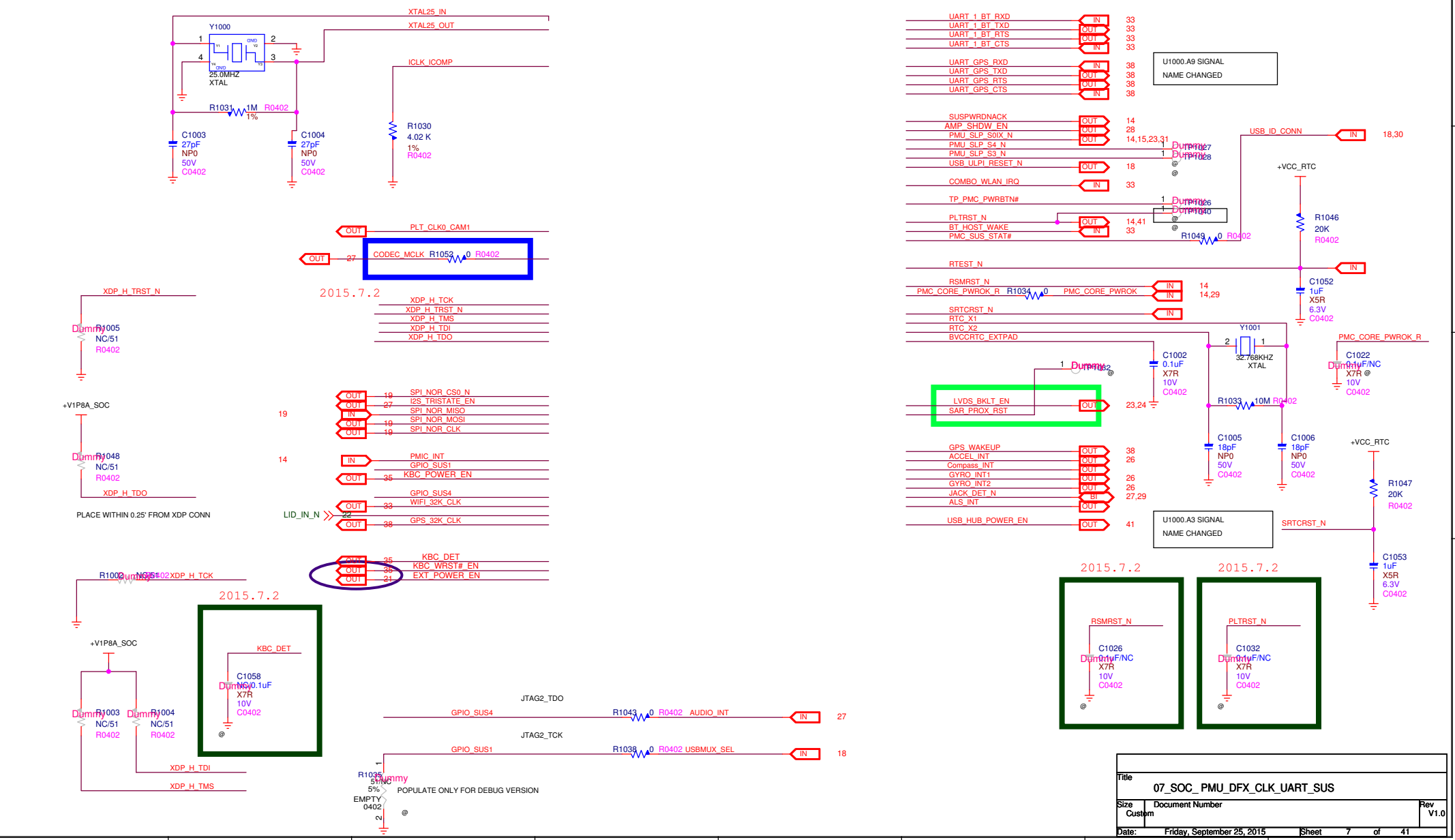
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05_SOC_STORAGE & I2S			
Size	Document Number		
Custom			
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SOC:USB/I2C

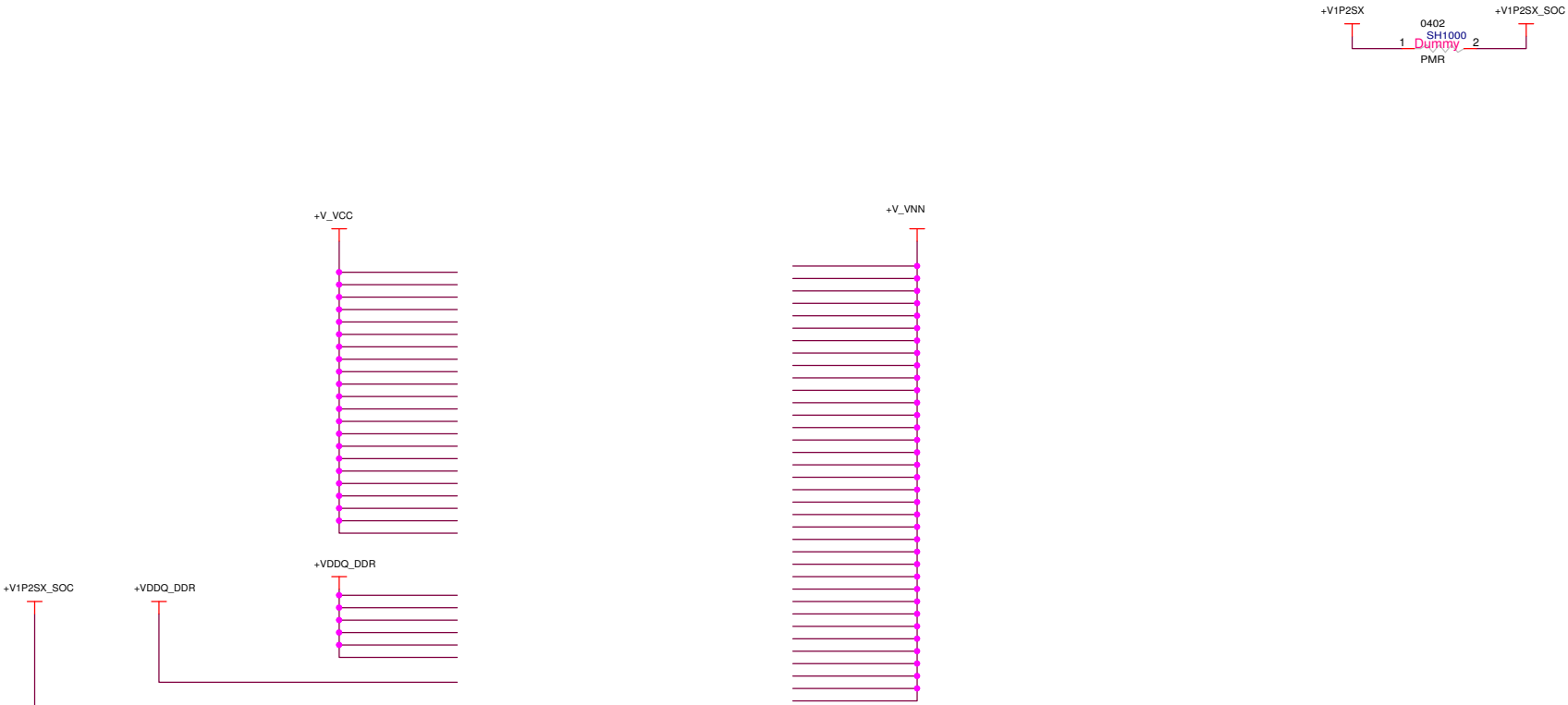


Title		
06_SOC_USB & I2C		
Size	Document Number	Rev
Custom		V1.0
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SOC:PMU/DFX/CLOCK/UART/SUS

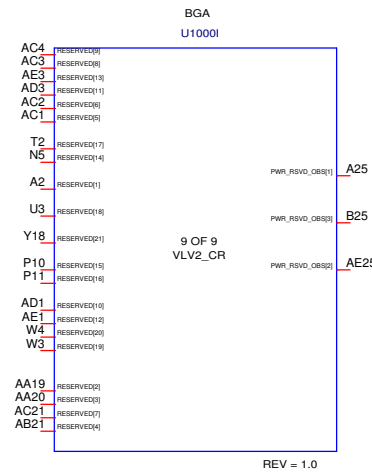
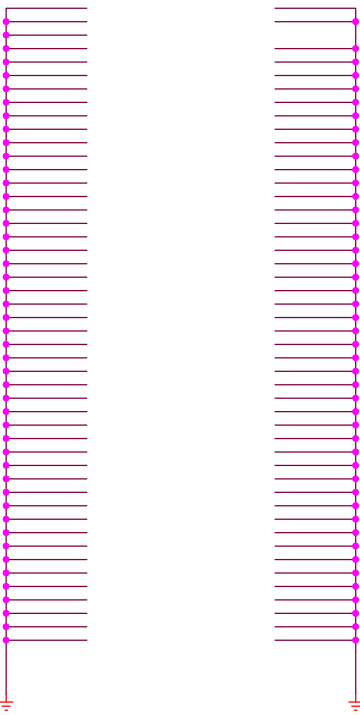


SOC:POWER 1



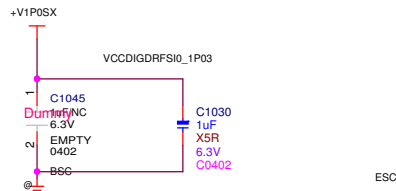
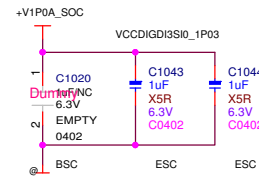
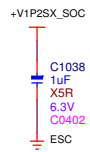
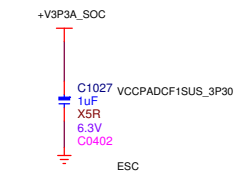
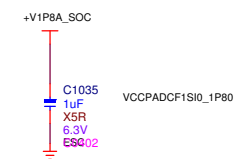
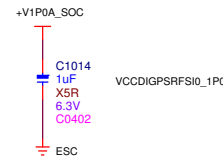
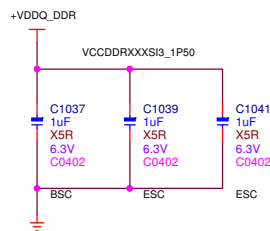
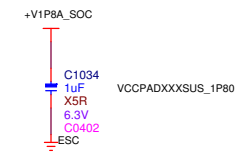
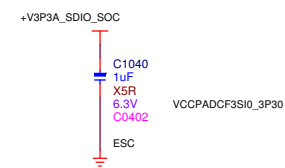
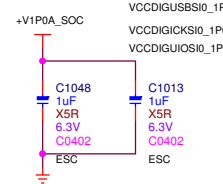
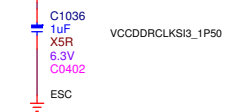
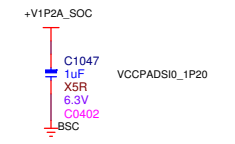
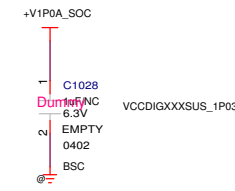
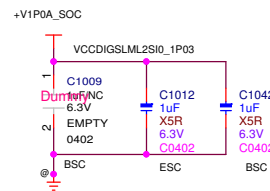
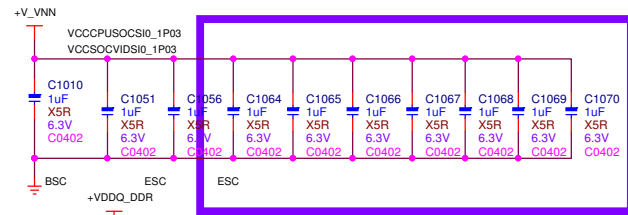
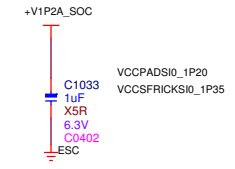
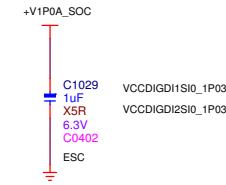
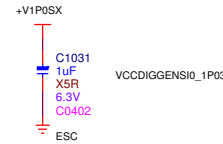
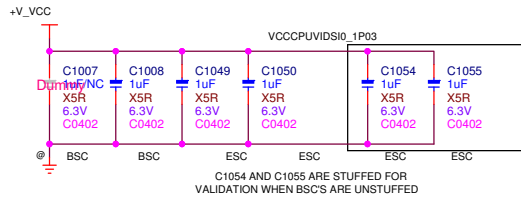
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08_SOC_POWER 1		
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SOC:GND

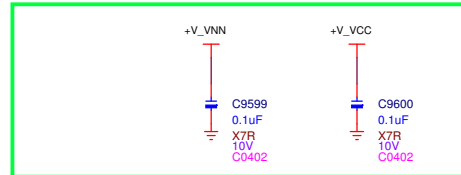


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10_SOC_GND			
Size	Document Number		Rev
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SOC:DECOUPLING

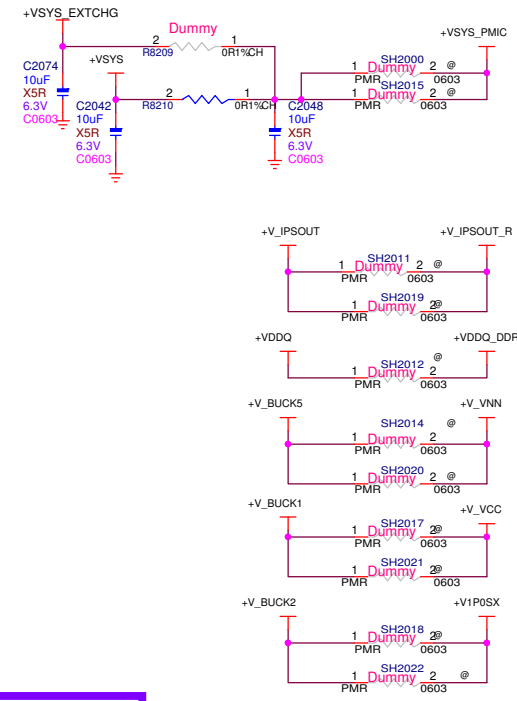
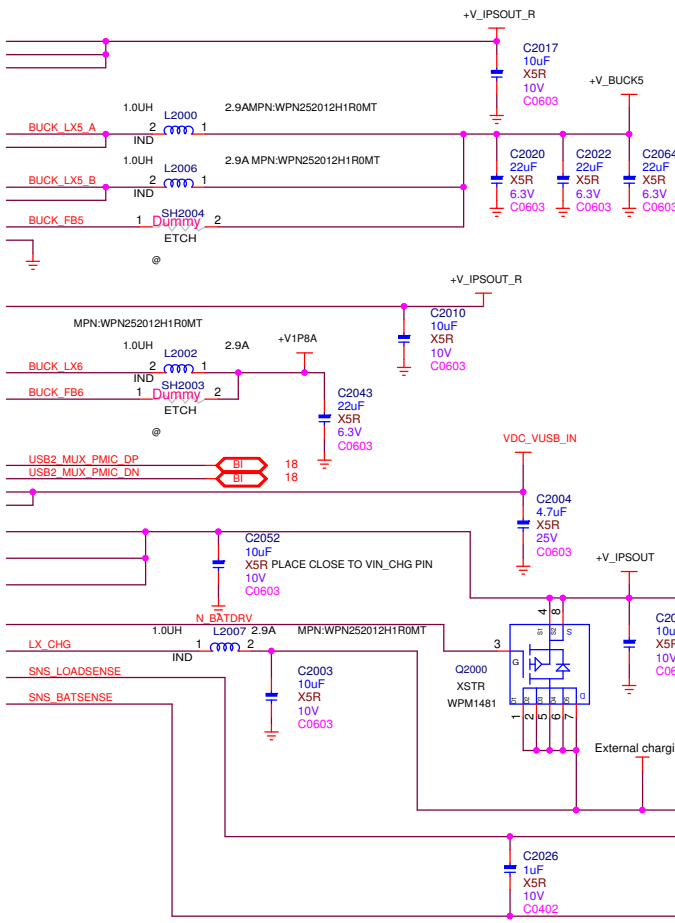
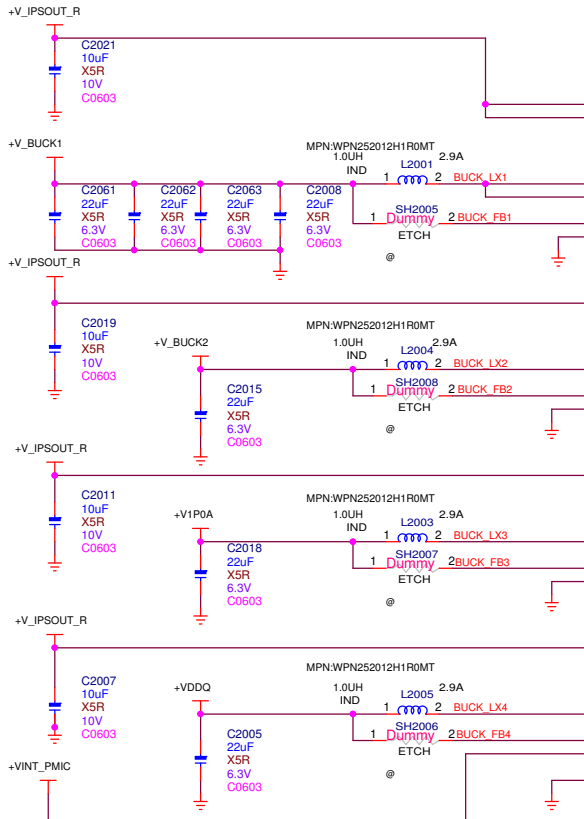


For EMI and SI



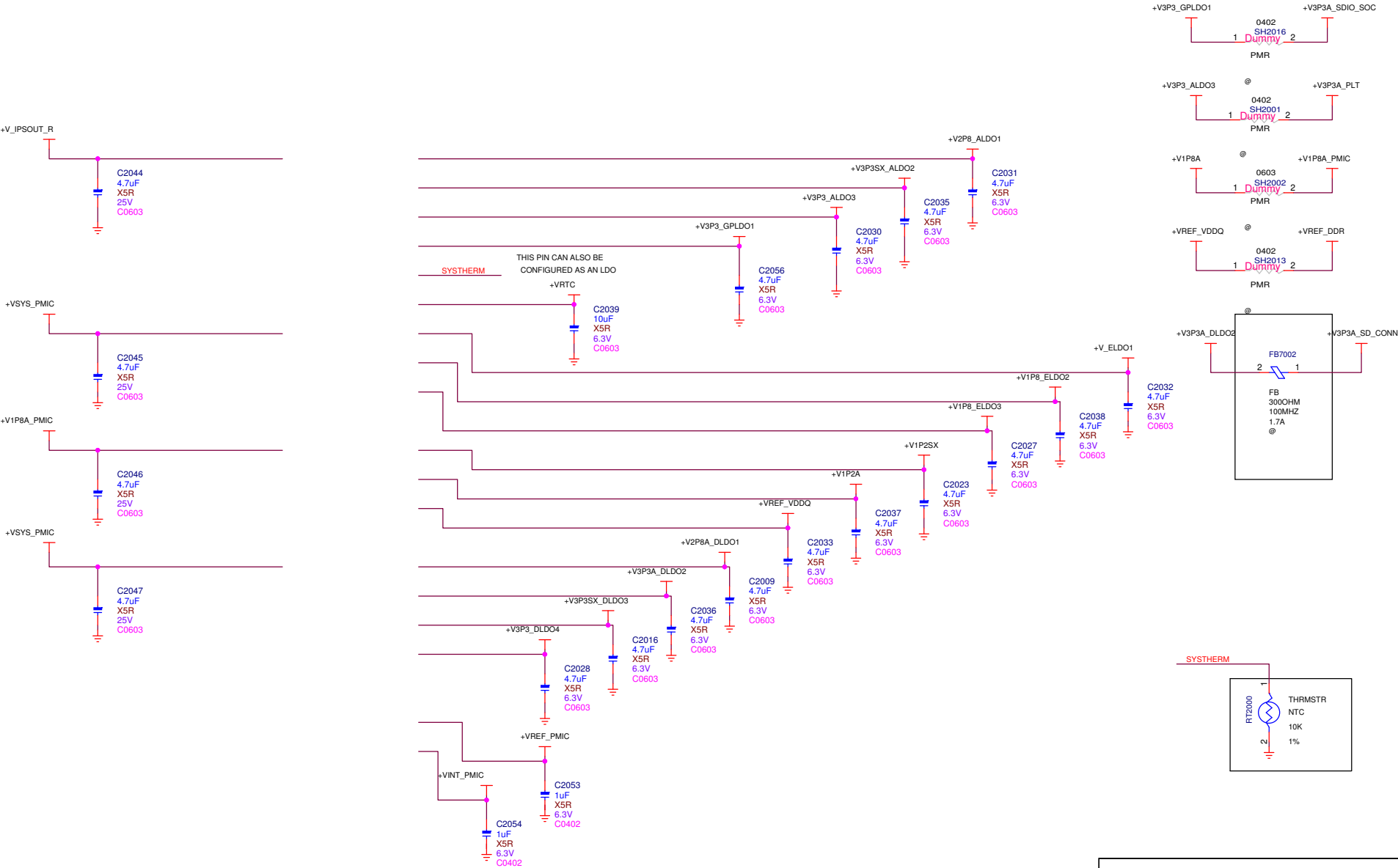
Title		
11_SOC_DECOUPLING		
Size	Document Number	Rev
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PMIC: SWITCHING REGULATORS



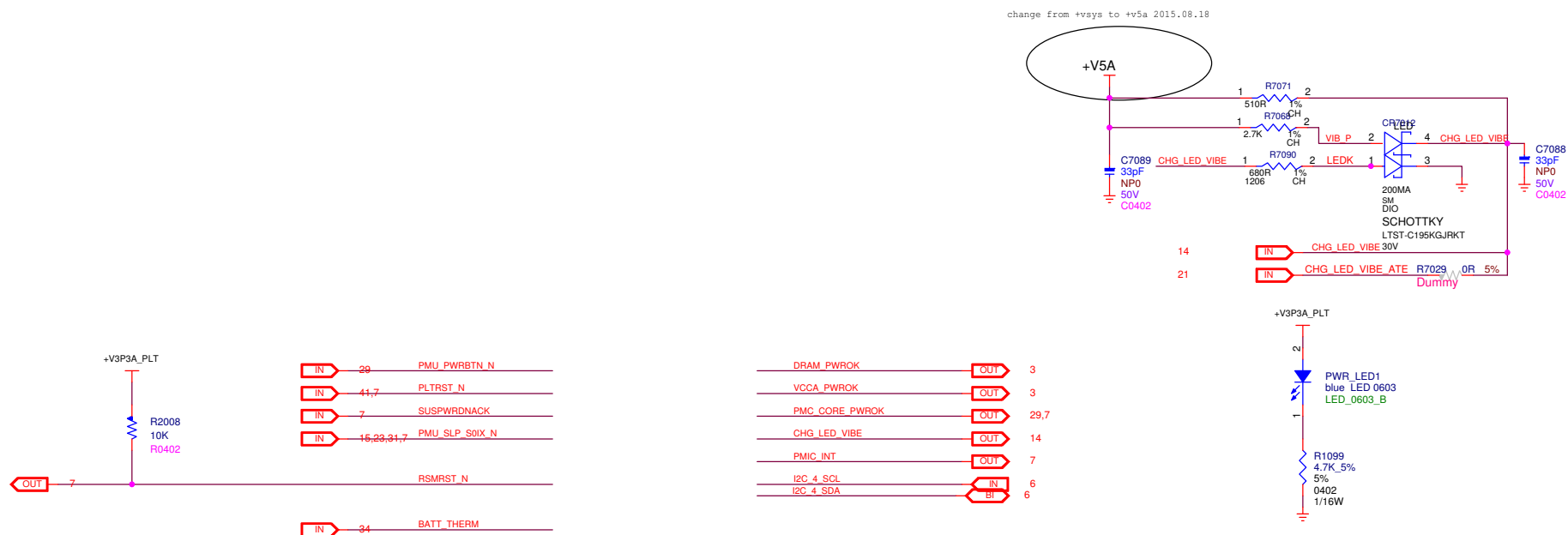
Title		12_PMIC_SWITCHING REGULATORS	
Size	Custom	Document Number	Rev V1.0
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PMIC: LDOS



Title		
13_PMIC_LDOS		
Size	Document Number	Rev
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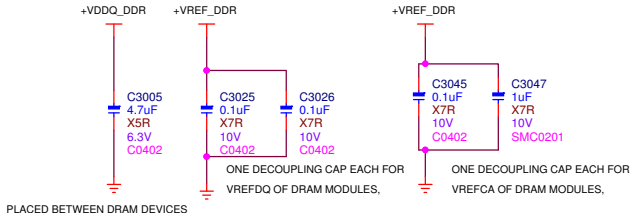
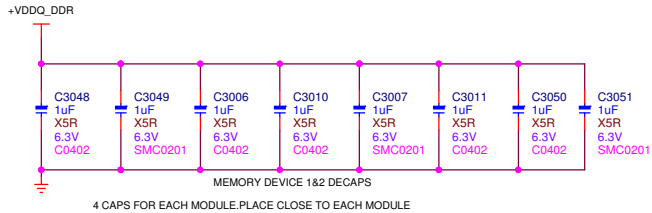
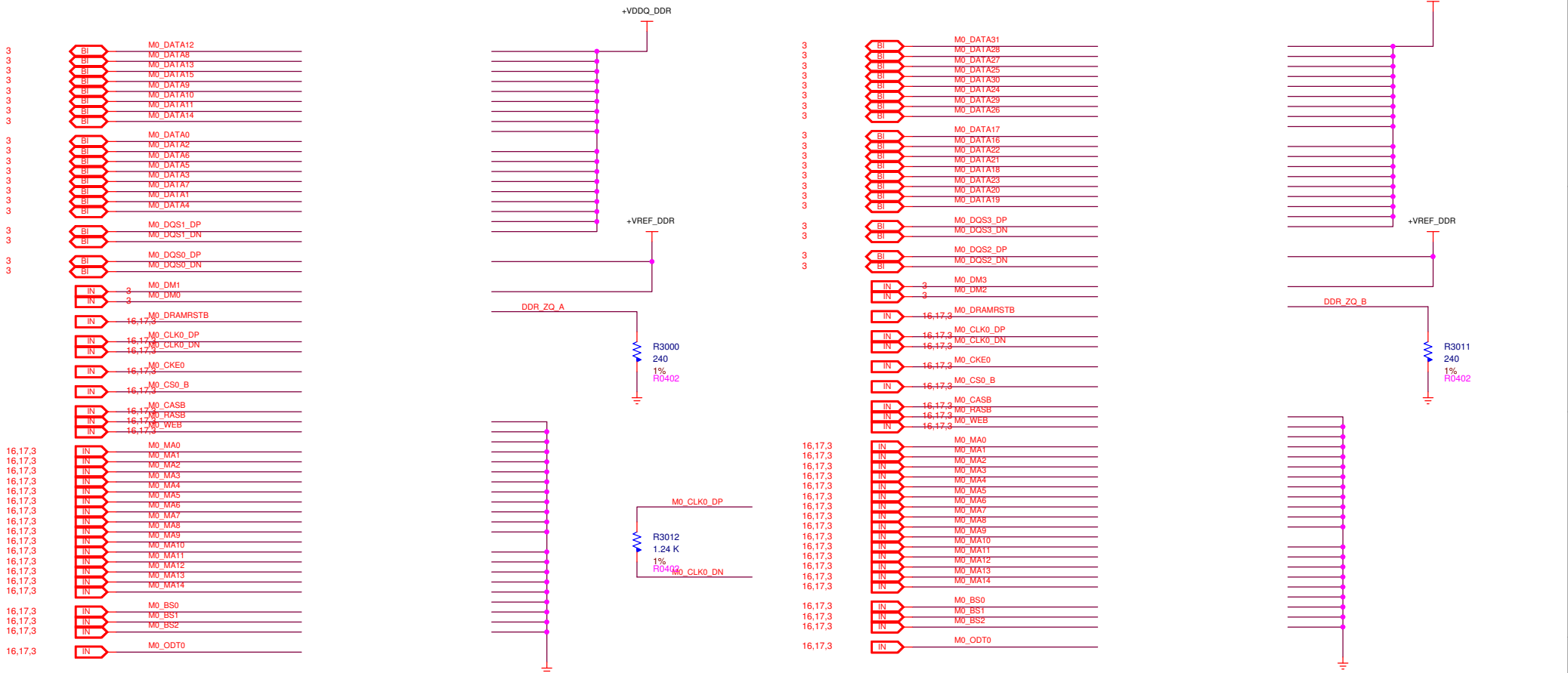
PMIC: HOST & MISC INTERFACES



Title			
14_PMIC_HOST & MISC INTERFACES			
Size	Document Number		Rev
Custom			V1.0
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MEMORY DEVICE 0 & 1

PART USED IN BOM - HYNIX #H5TC4G63AFR-PBA(IPN IS G96268-001)



Title		
16_MEMORY DEVICE 0 & 1		
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MEMORY DEVICE 2 & 3

D

C

B

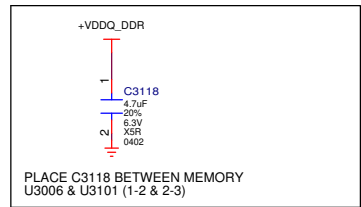
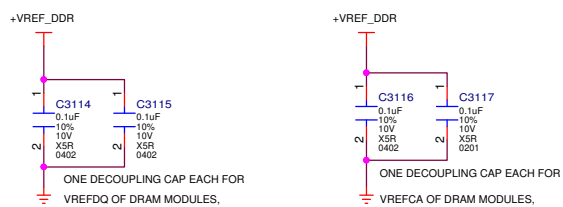
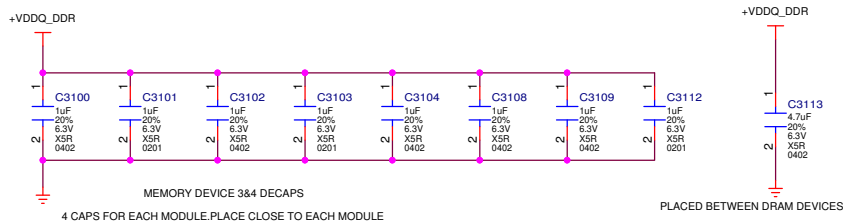
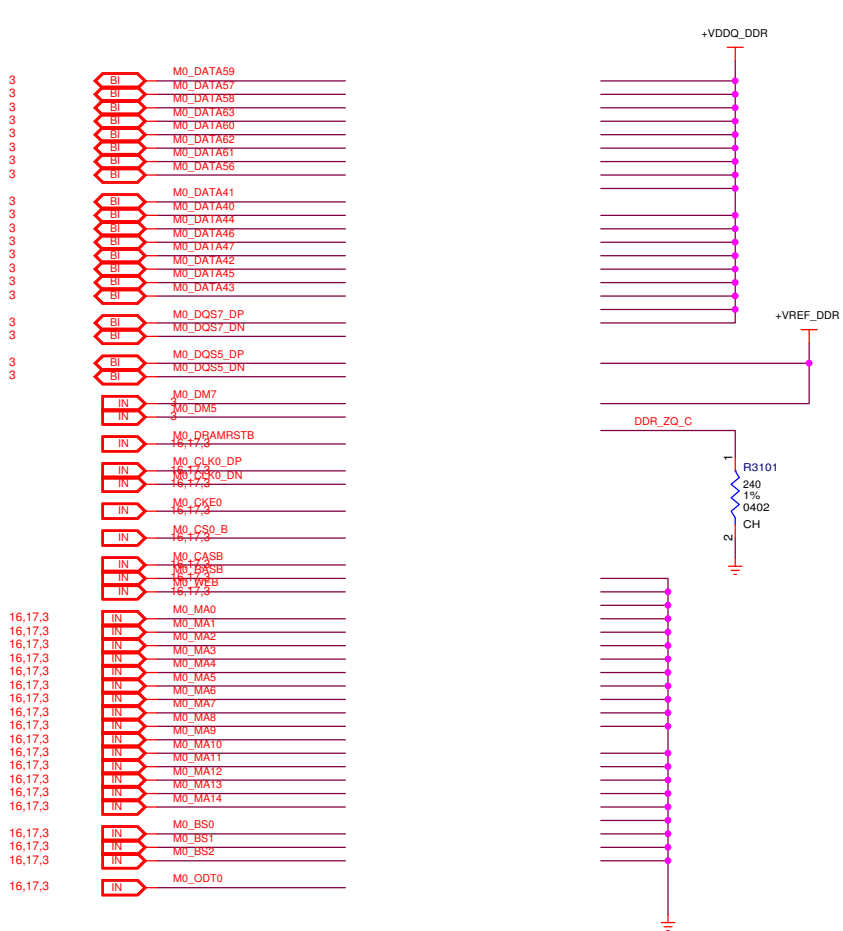
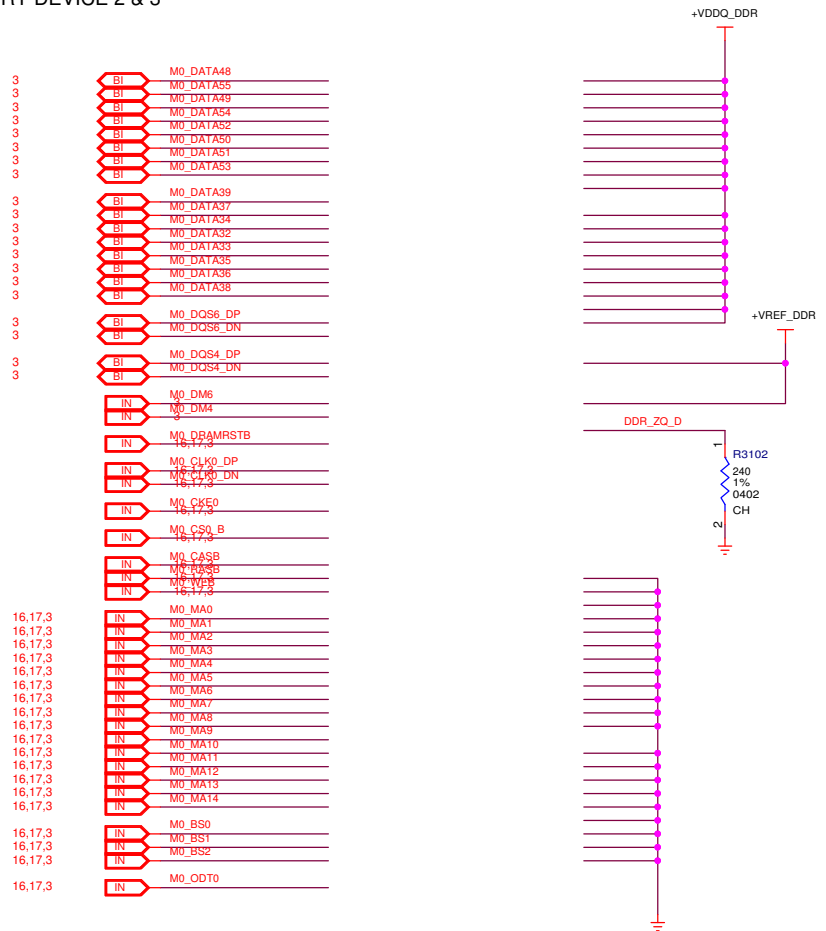
A

D

C

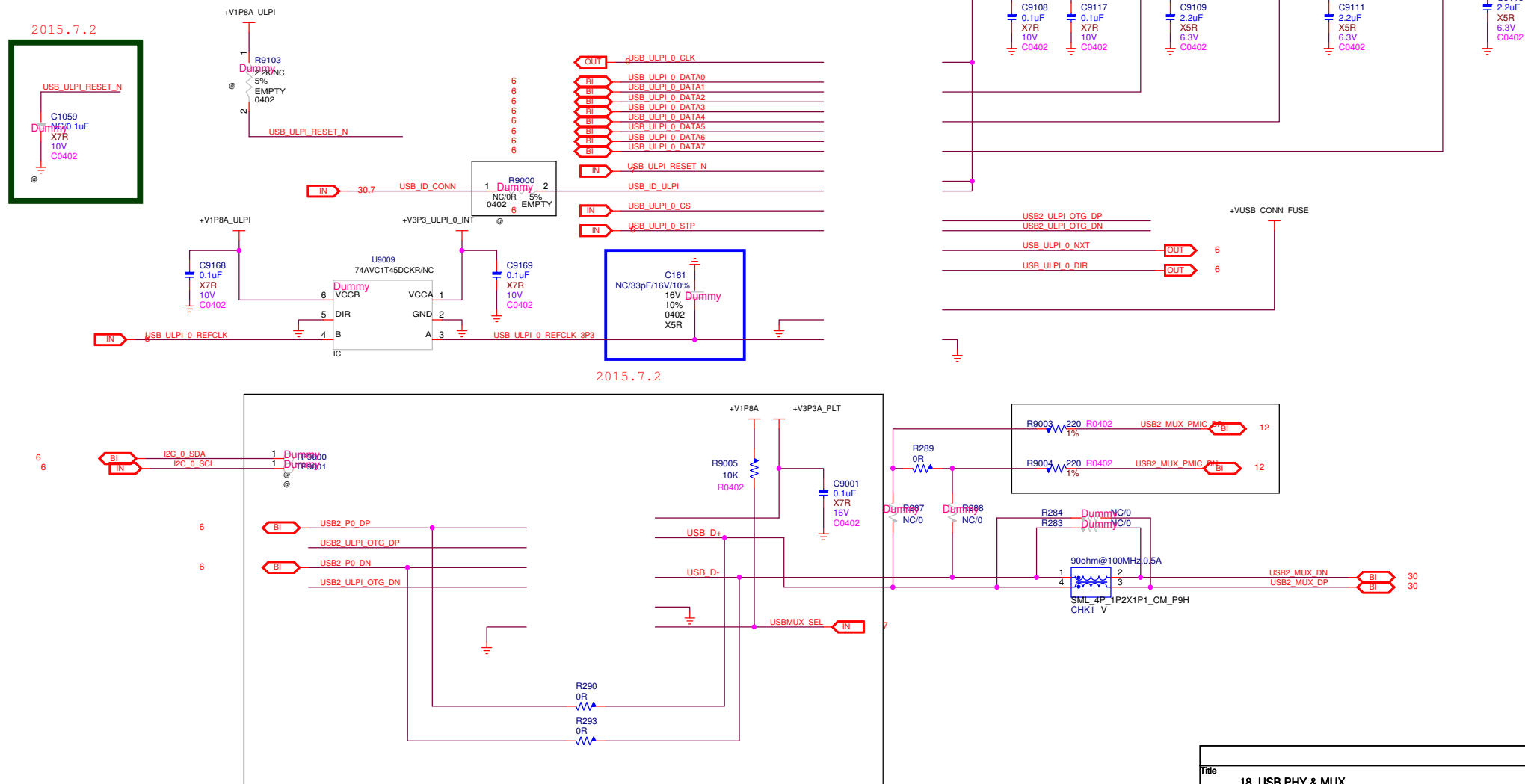
B

A



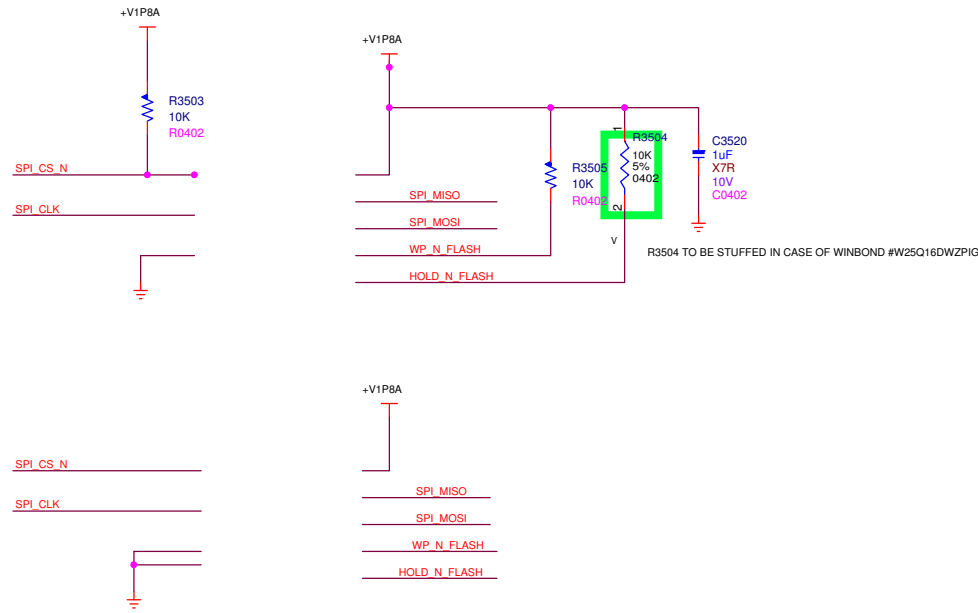
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17_BLANK PAGE		
Size	Document Number	Rev
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USB PHY & MUX



Title				
18_USB PHY & MUX				
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Custom				V1.0
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SPI NOR FLASH

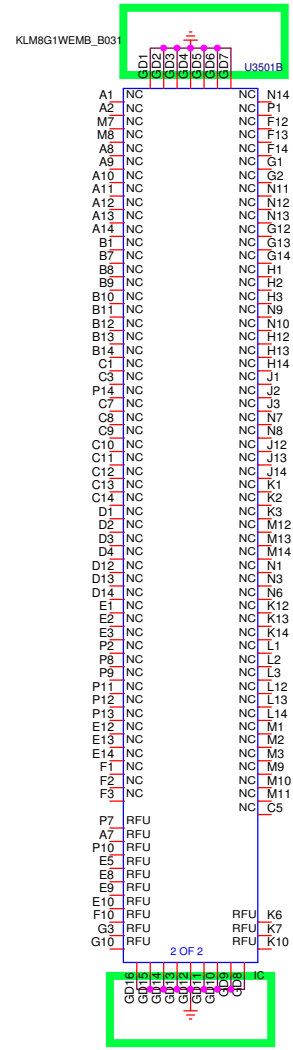
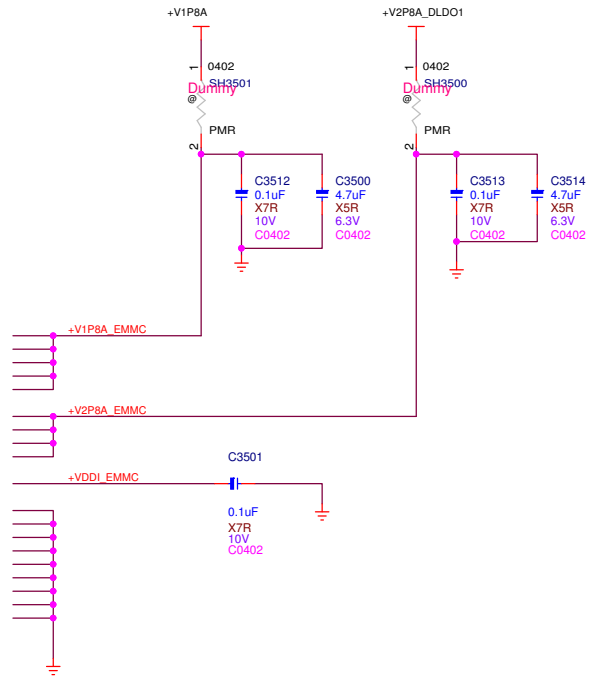
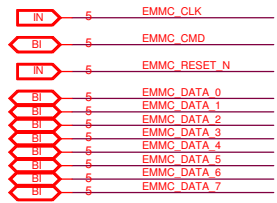


DEDIPROG MUST HAVE THE VOLTAGE SETTING FIXED AT 1.8V



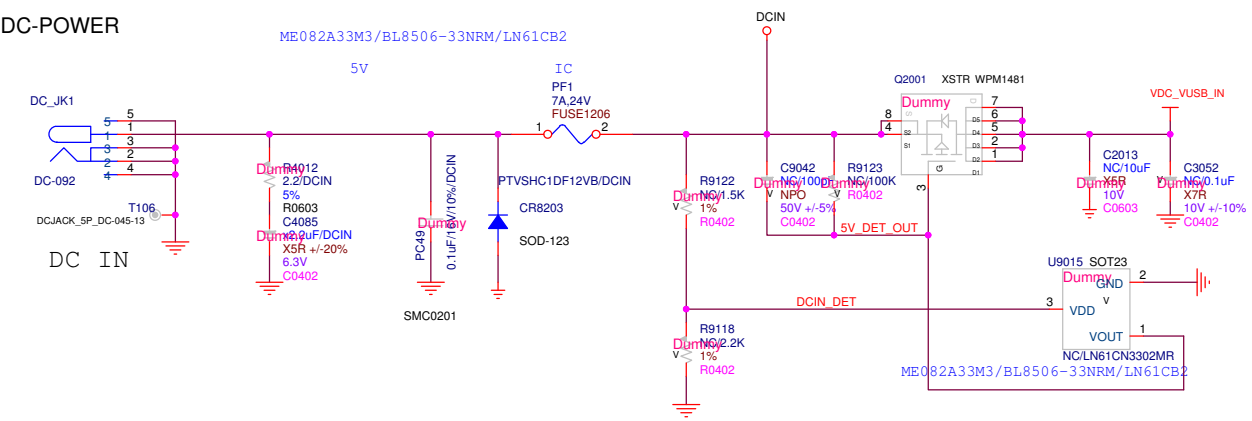
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Size	Document Number	Rev
Custom		V1.0
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EMMC

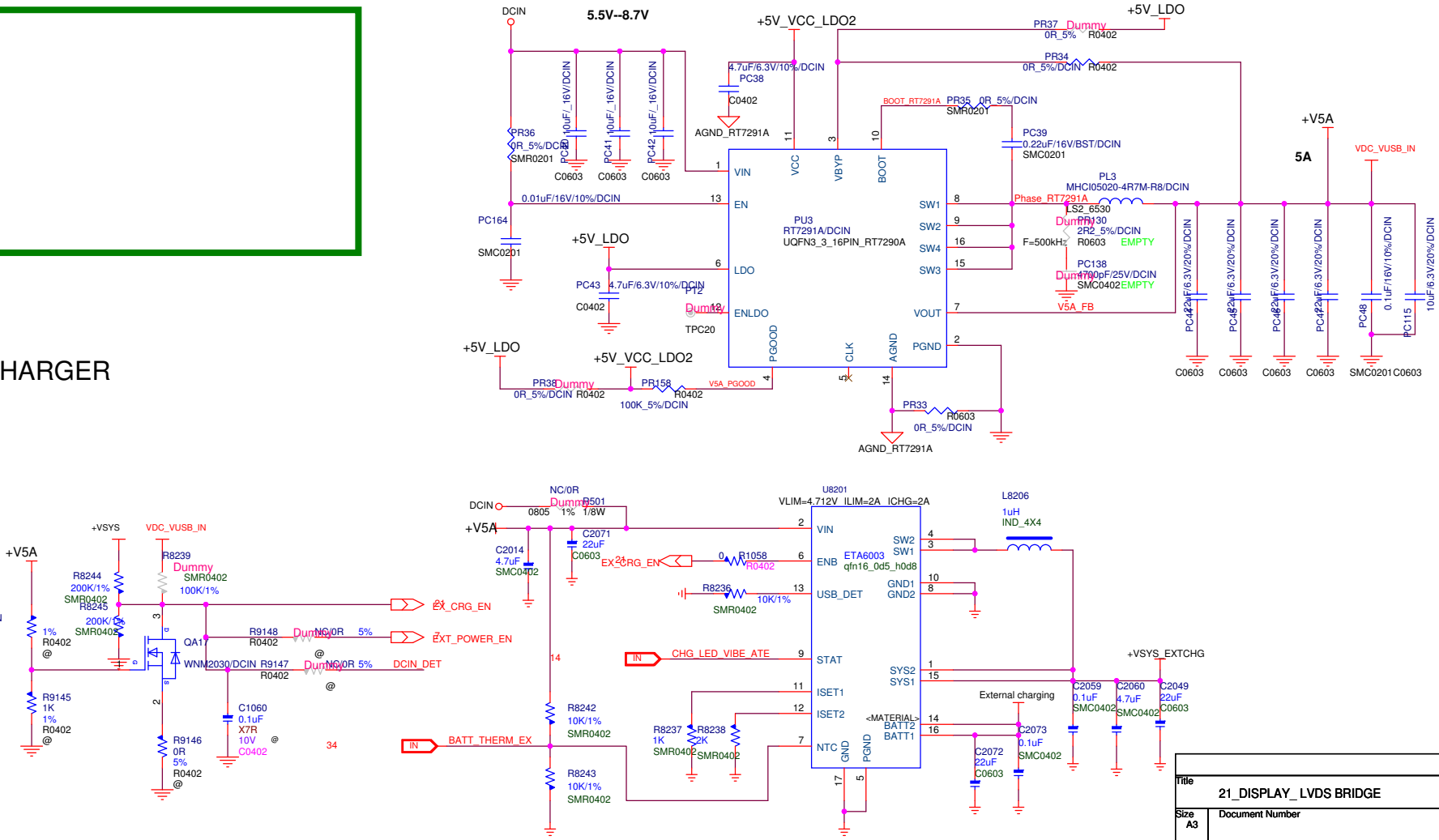


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20_EMMC		
Size	Document Number	Rev
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DC-POWER

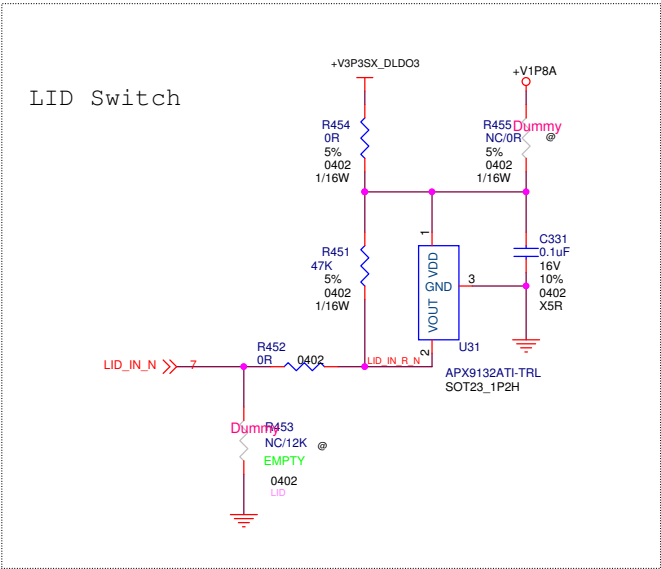


EXTERNAL CHARGER



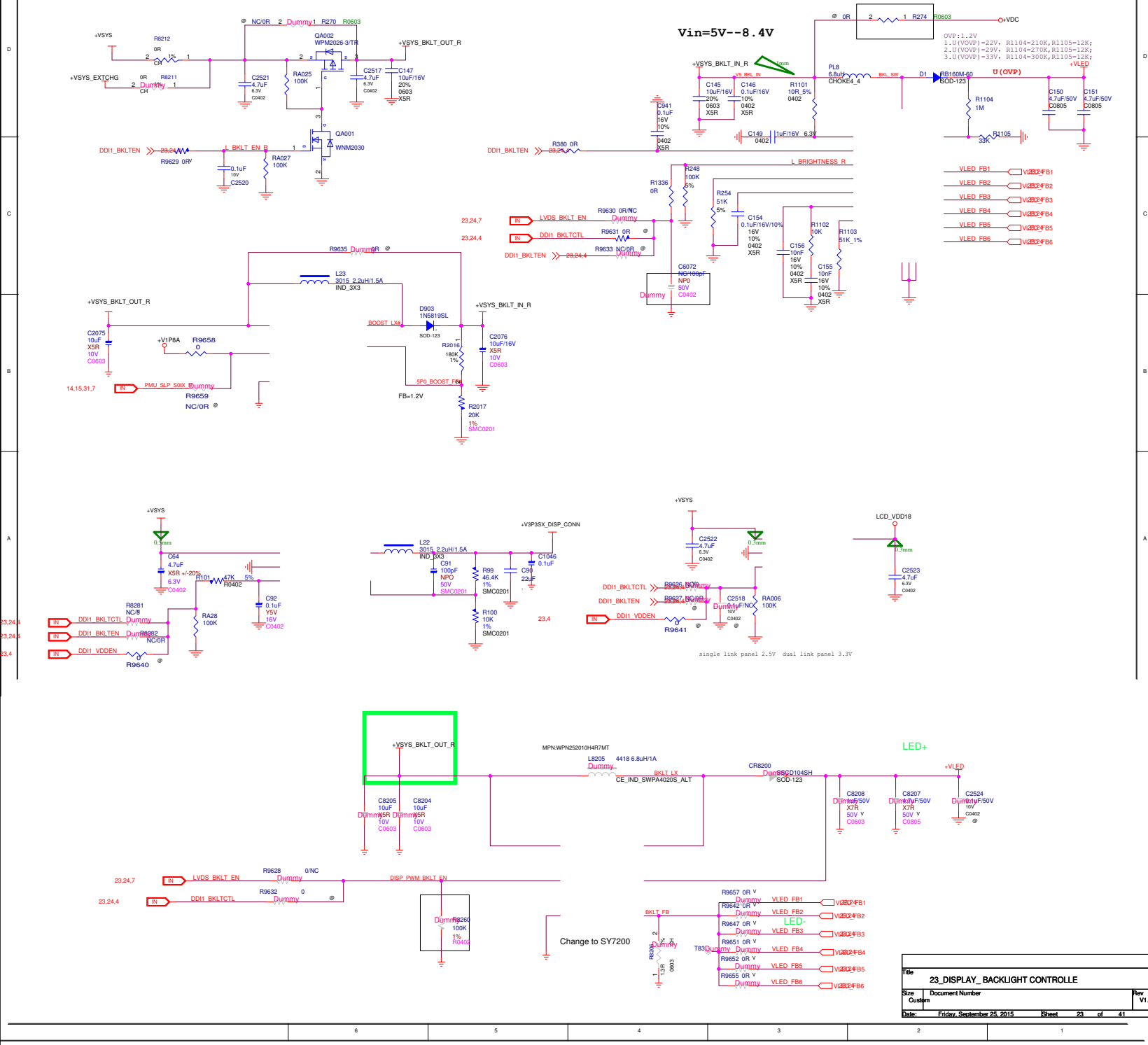
Title		
21_DISPLAY_LVDS BRIDGE		
Size	Document Number	Rev
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DISPLAY: BIAS VOLTAGE REGULATORS

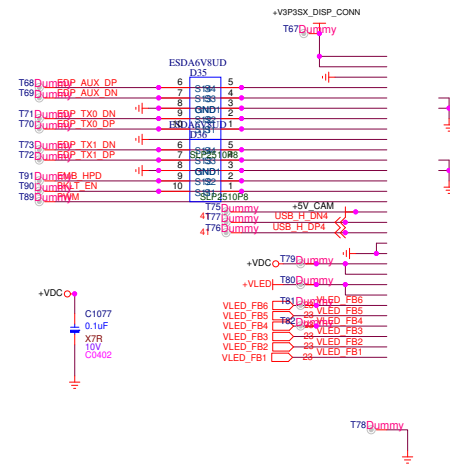
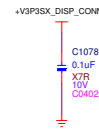
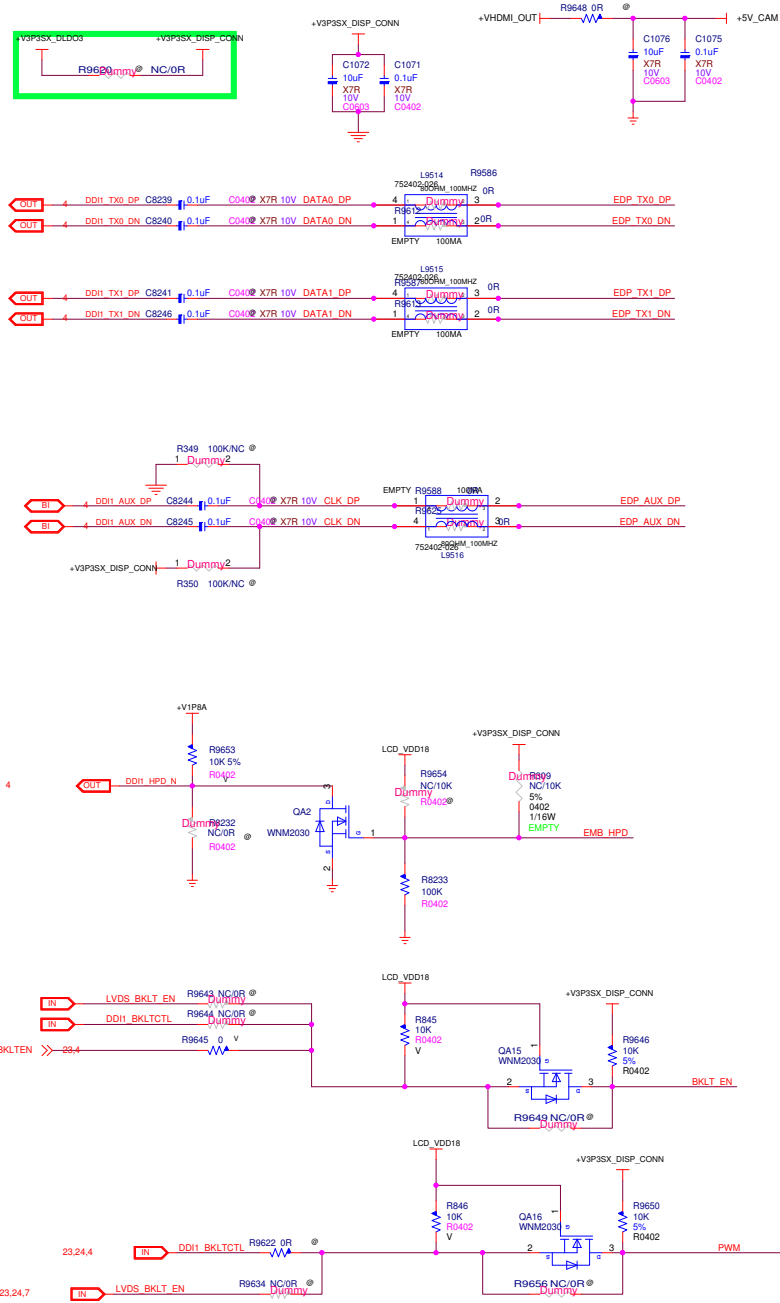


Title			
22_DISPLAY_ BIAS VOLTAGE REGULA			
Size	Document Number		Rev
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DISPLAY: BACKLIGHT CONTROLLER



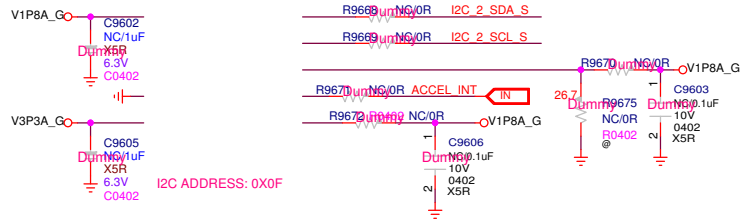
DISPLAY & TOUCH CONNECTORS



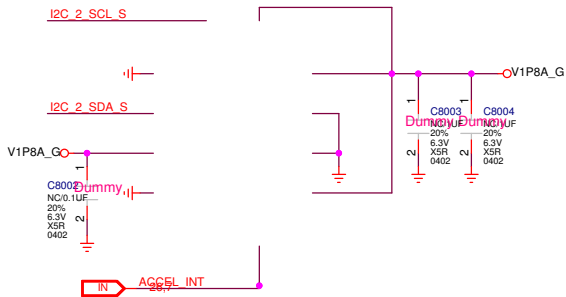
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24_DISPLAY & TOUCH CONNECTORS		
Doc	Document Number	Rev
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SENSORS

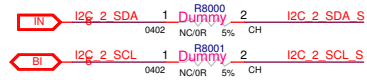
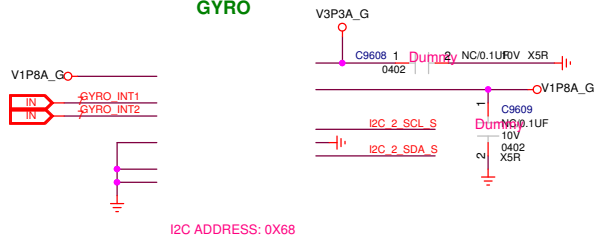
ACCELEROMETER



Accel Compass



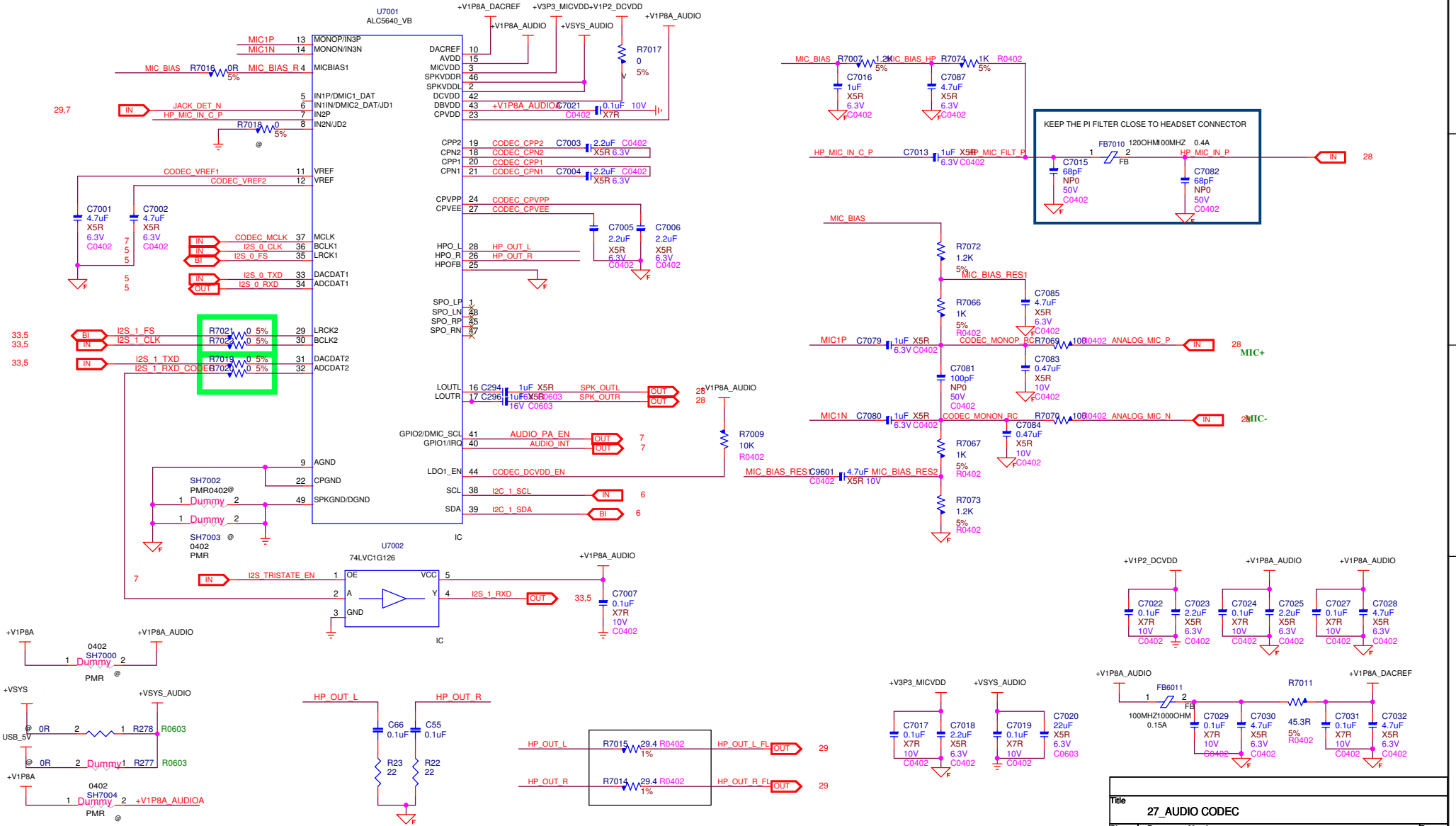
GYRO



Title			
26_SENSORS			
Size	Document Number	Rev	
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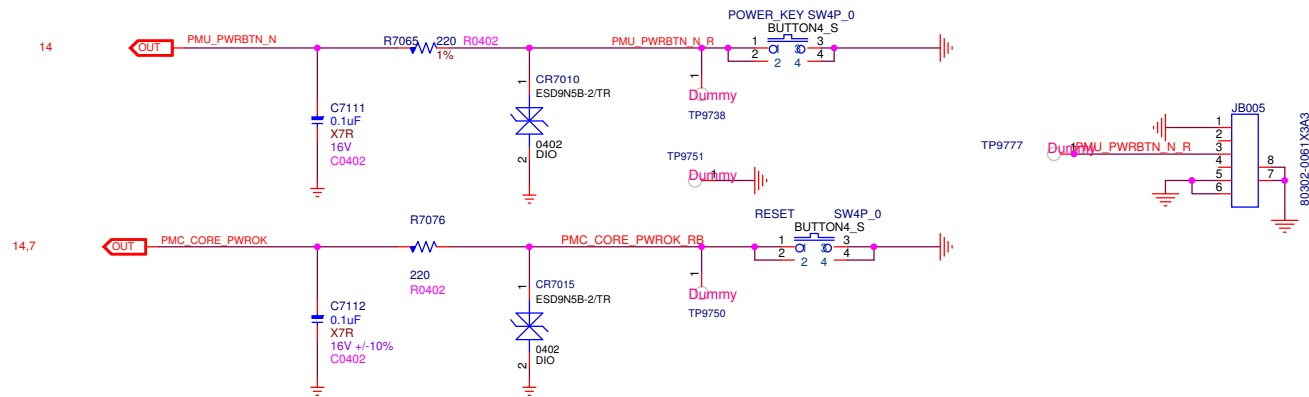
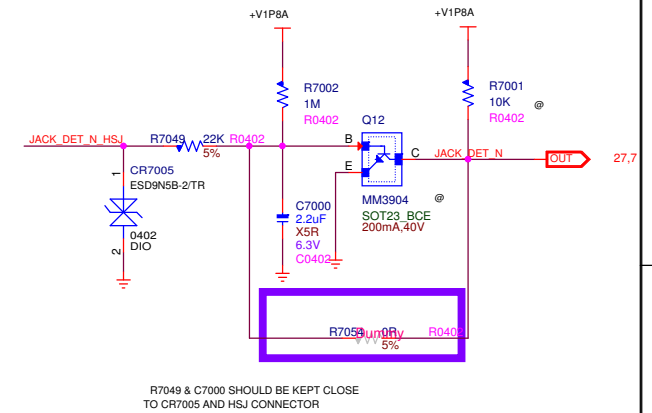
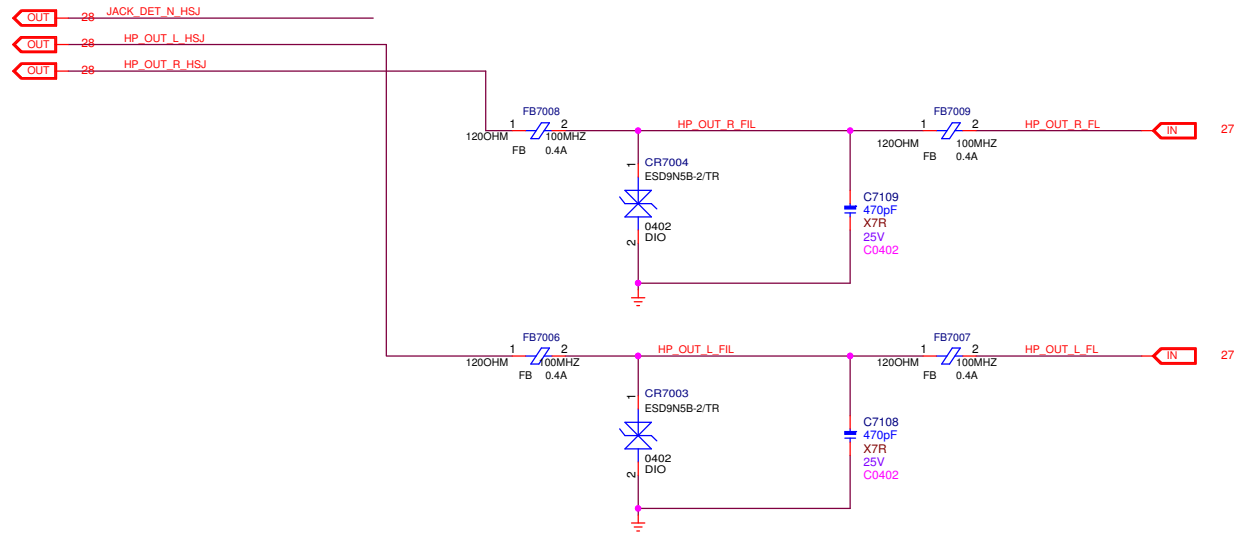
LED+

AUDIO CODEC



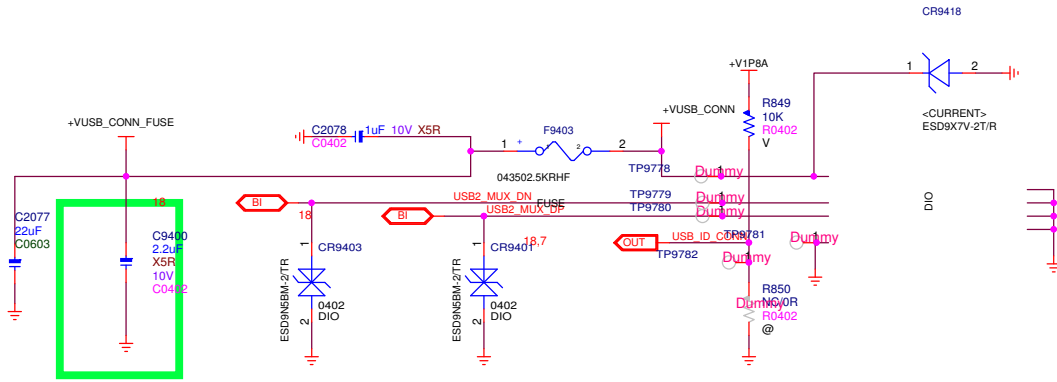
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27_AUDIO CODEC		
Size	Document Number	Rev
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HEADSET JACK AND BUTTONS



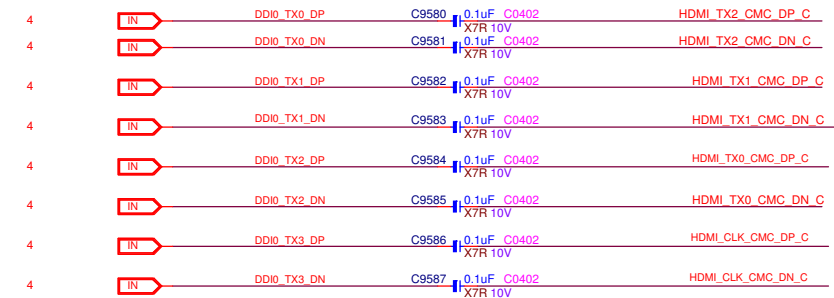
Title			
29_HEADSET JACK AND BUTTONS			
Size	Document Number		Rev
Custom			V1.0
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USB CONNECTOR

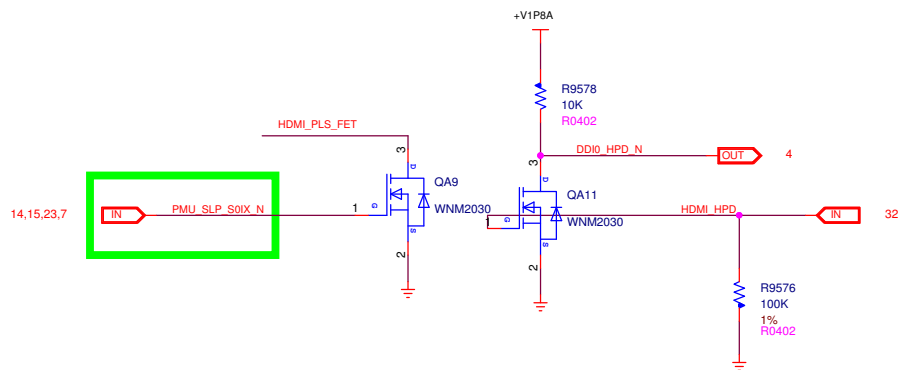
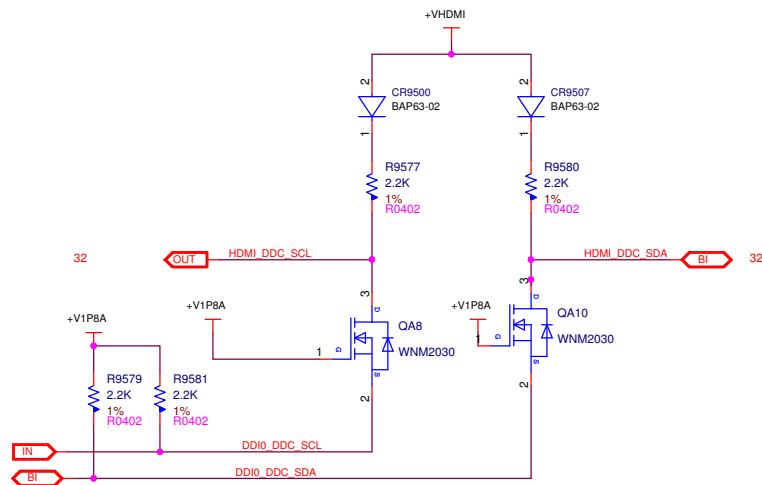
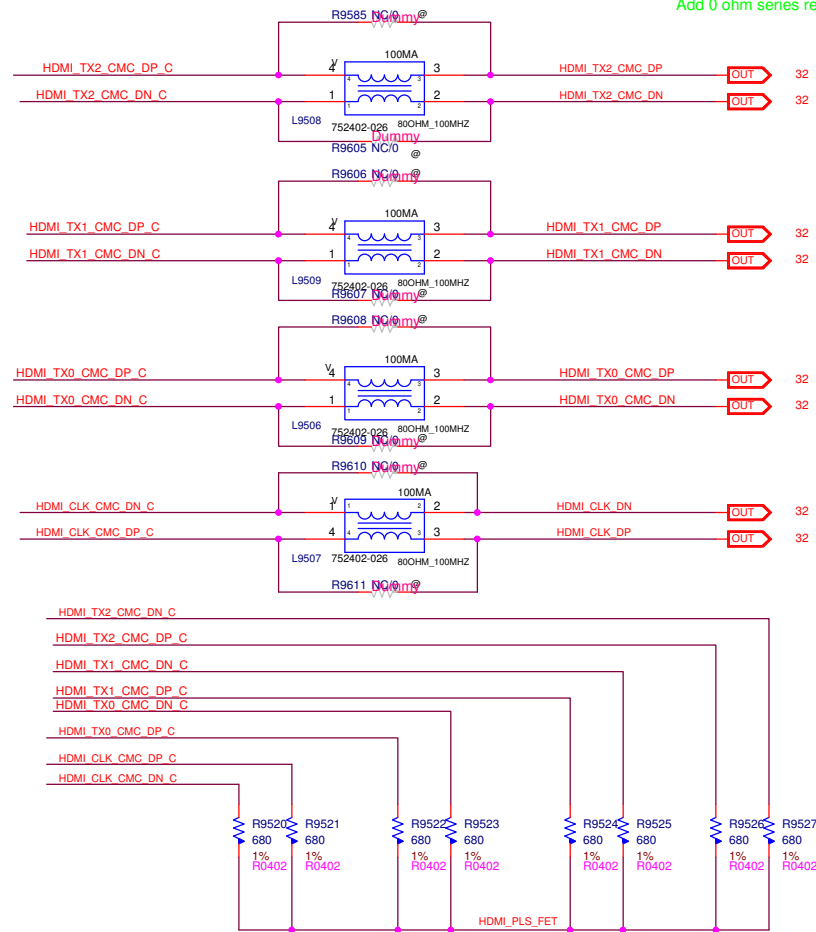


Title			30_USB CONNECTOR		
Size	Custom	Document Number			Rev
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HDMI LEVEL SHIFTERS & CONNECTOR

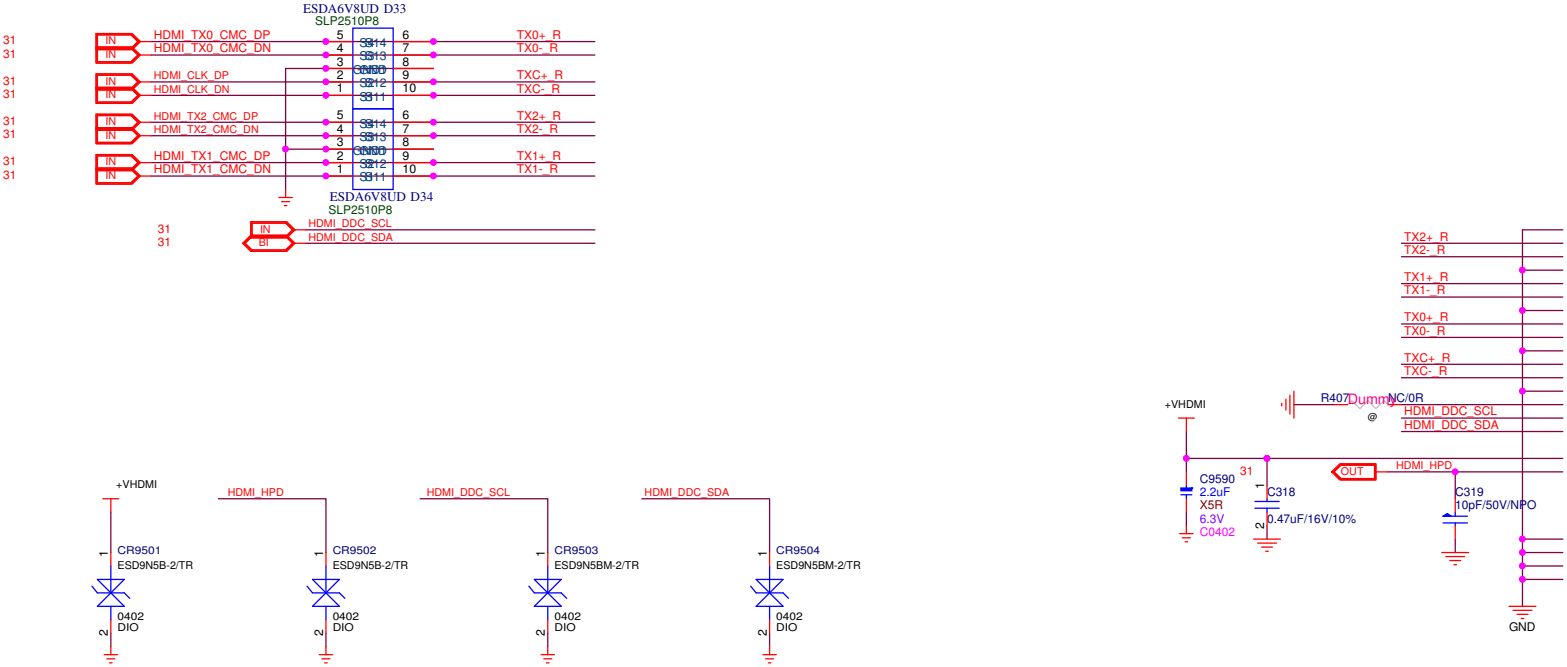


Add 0 ohm series resistors by Momu in 2014.4.24



Title		
31_HDMI LEVEL SHIFTERS		
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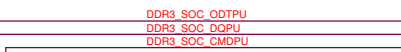
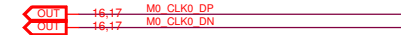
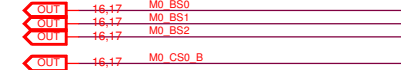
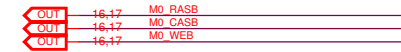
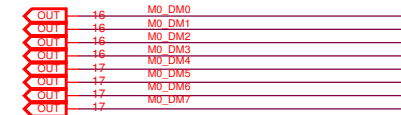
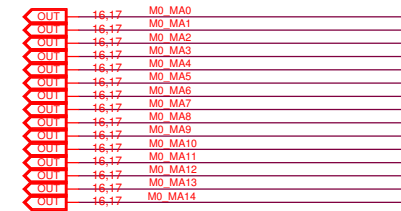
HDMI CONNECTOR



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32_HDMI CONNECTOR		
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SOC: MEMORY

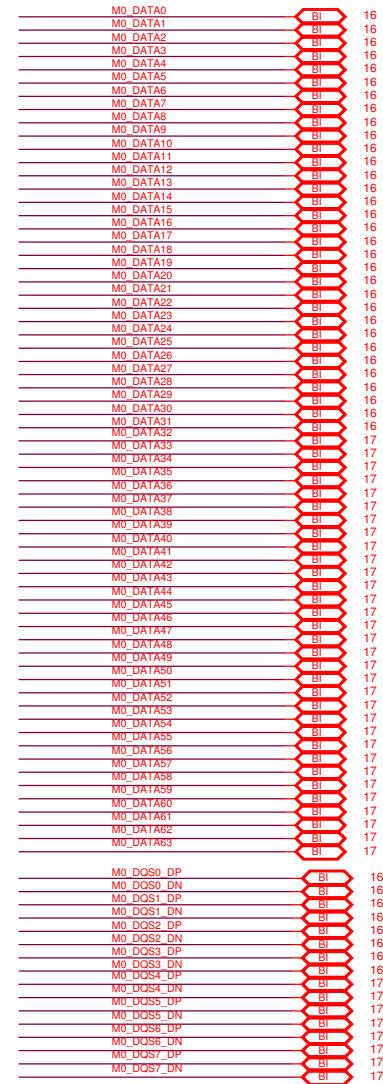
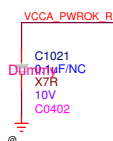
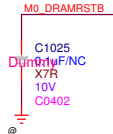
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+VREF_DDR



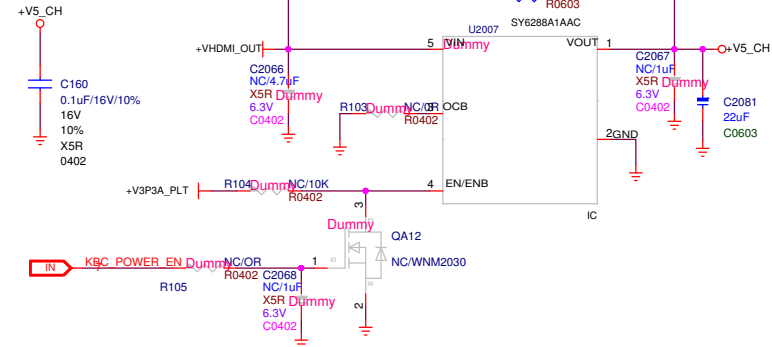
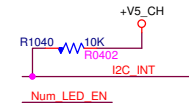
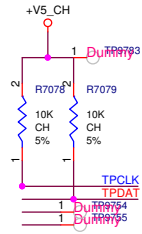
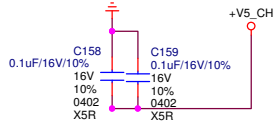
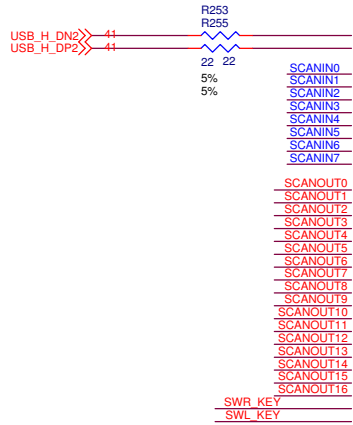
2015.7.2



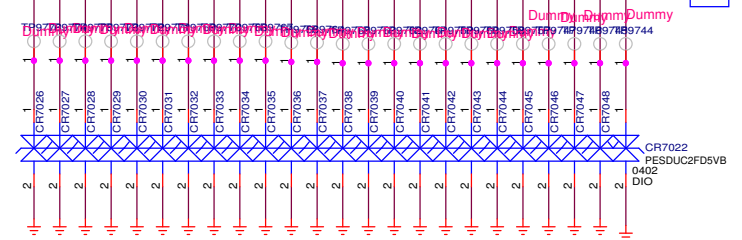
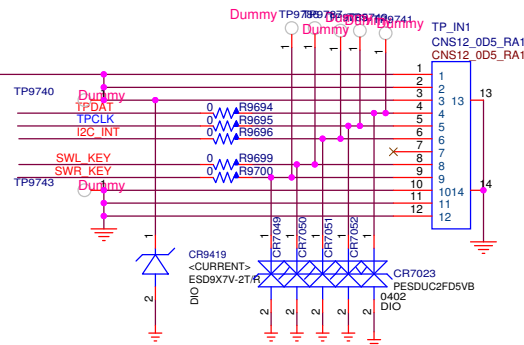
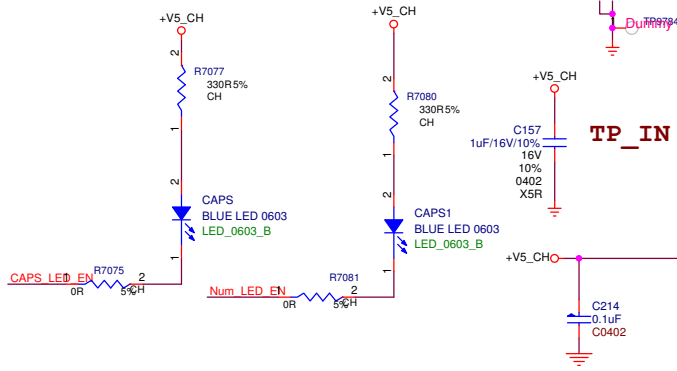
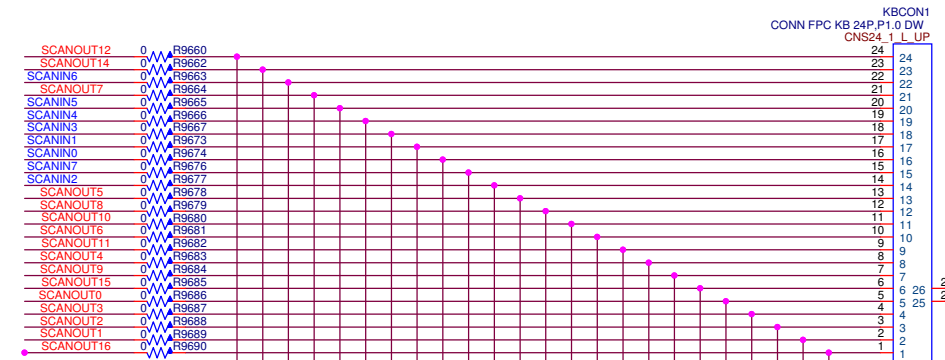
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03_SOC_MEMORY		
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KBC/TOUCH

2015.7.2



11.6"KB

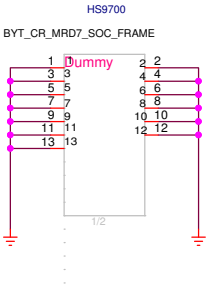


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35_KBC/TOUCH			
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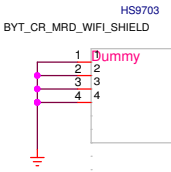
LED+

MFG TEST POINTS, SHIELDS & MOUNTING HOLES

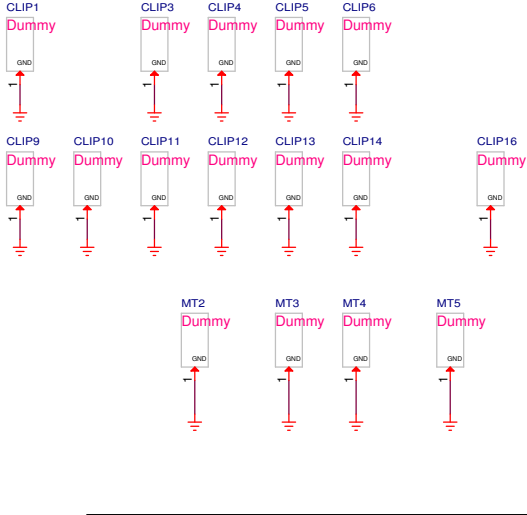
TPS SHOULD BE PLACED CLOSE TO DEBUG CONNECTOR



SHIELD

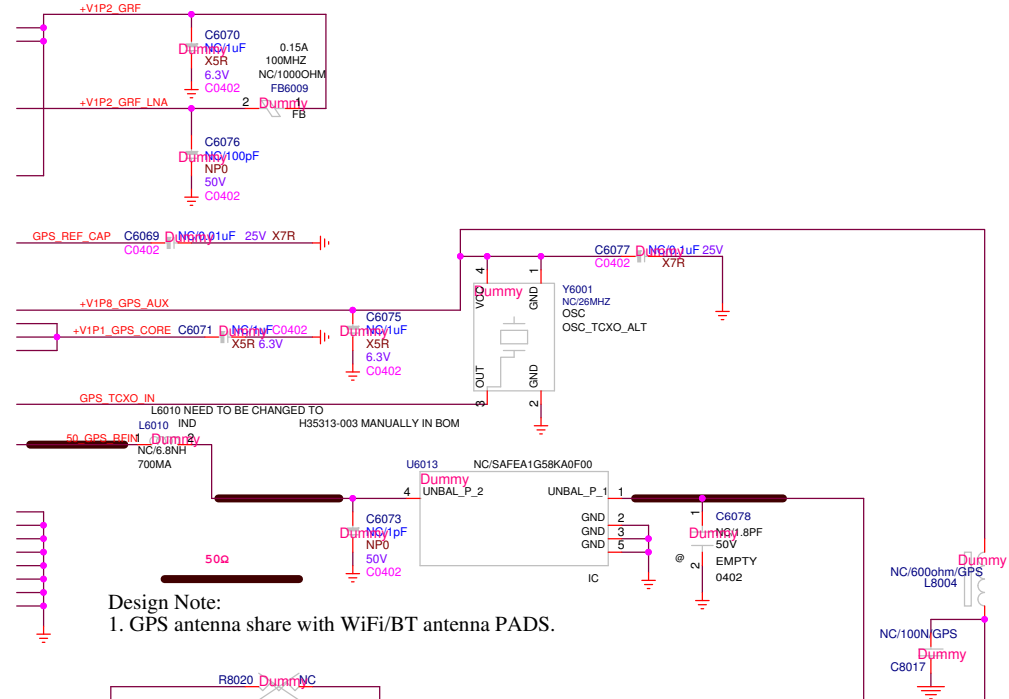
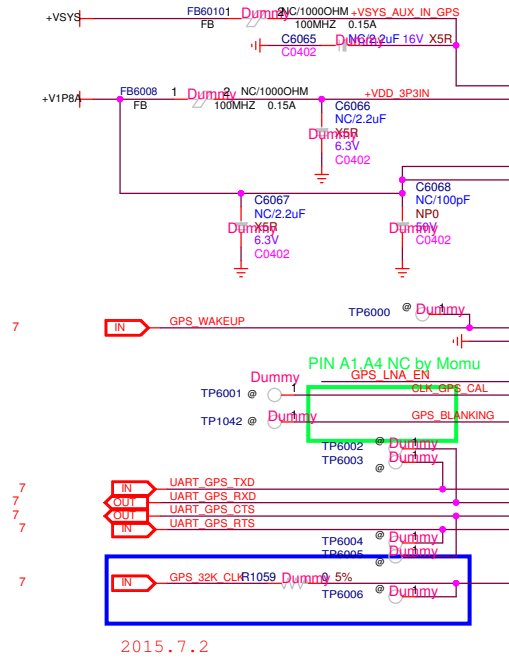


SHIELD

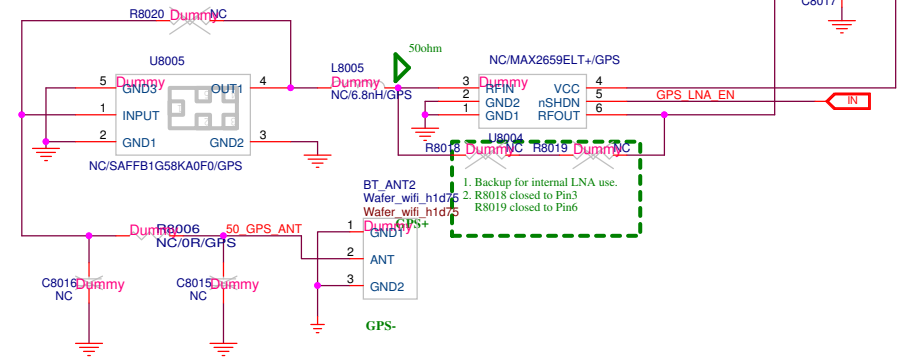


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36_MFG TEST POINTS, SHIELDS & M		
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GPS

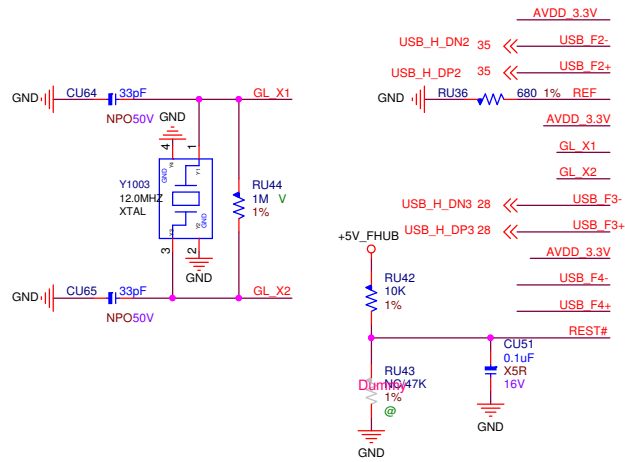


Design Note:
1. GPS antenna share with WiFi/BT antenna PADS.

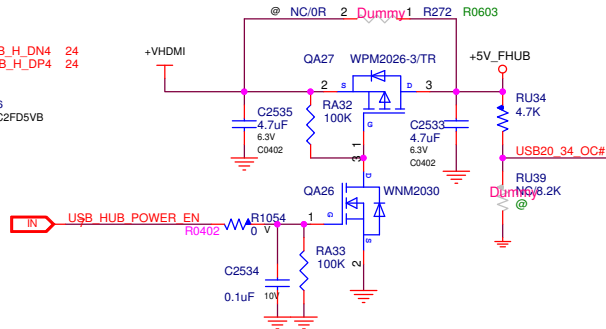
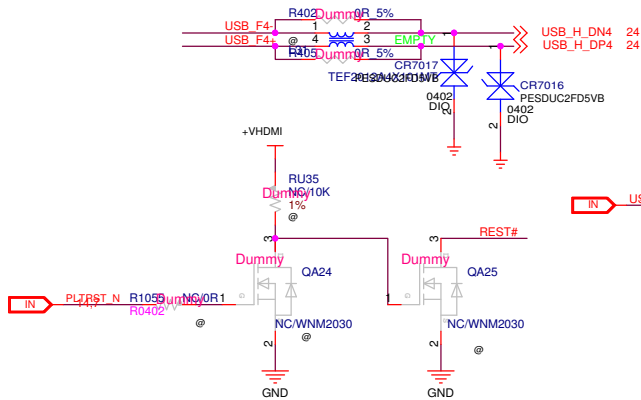
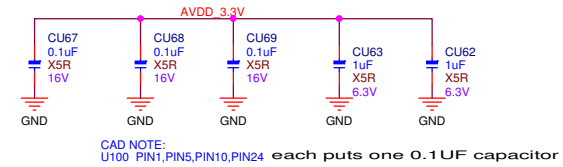
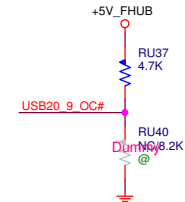
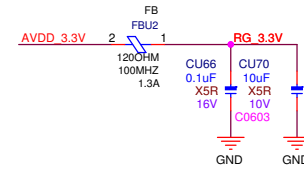
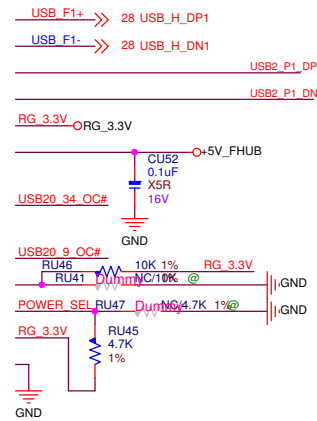


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38_GPS		
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HUB



POWER SELECT
0: GL850G is bus-powered.
1: GL850G is self-powered.



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LED+