



Radxa ROCK CM4 IO

Schematic

V1.10

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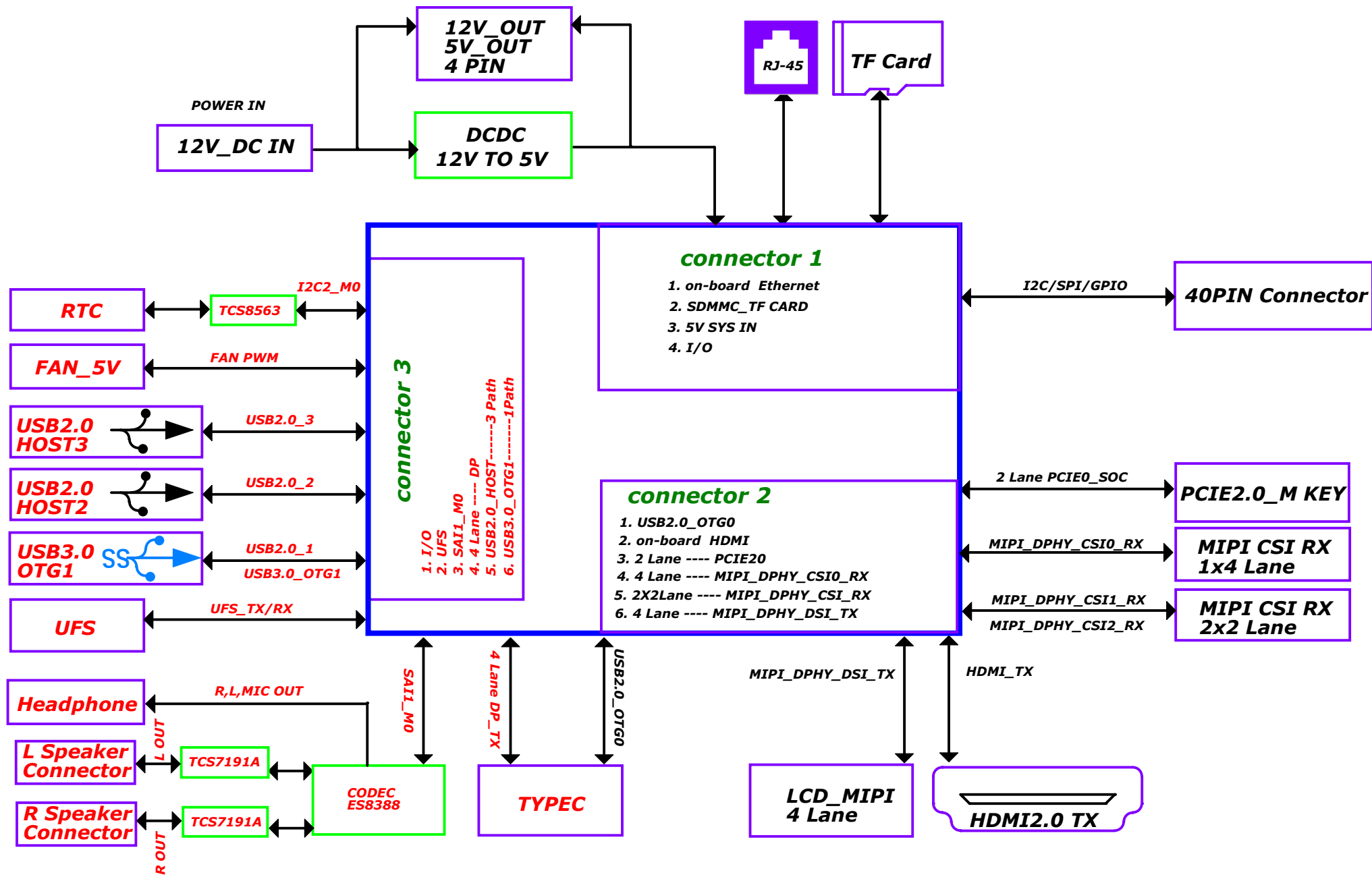
17 MIPI CSI RX

18 USB2/USB3

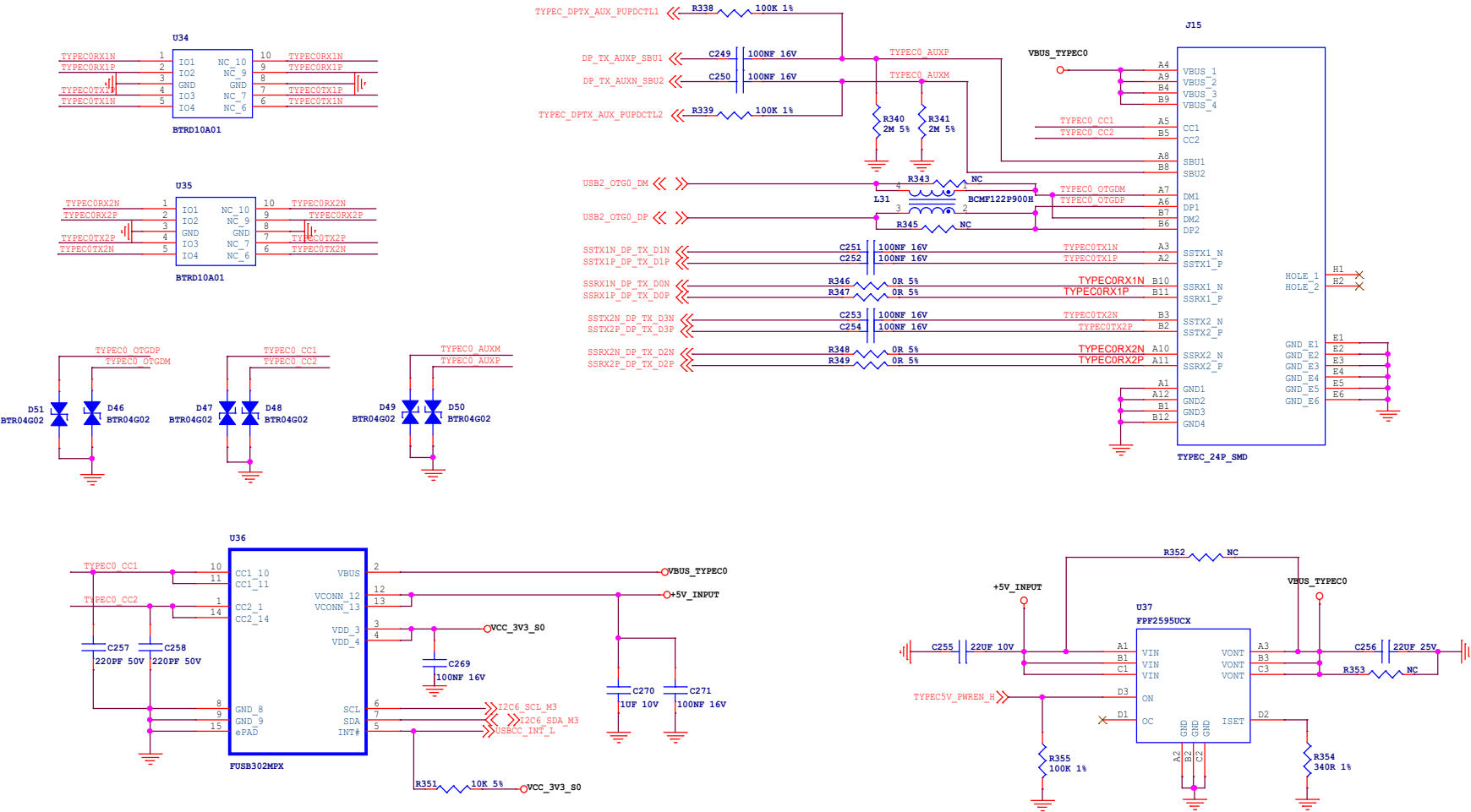
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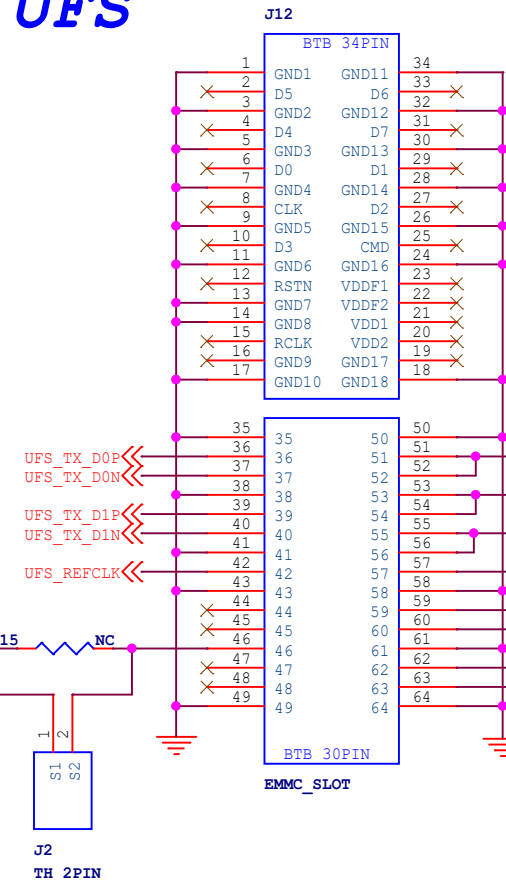
Block Diagram



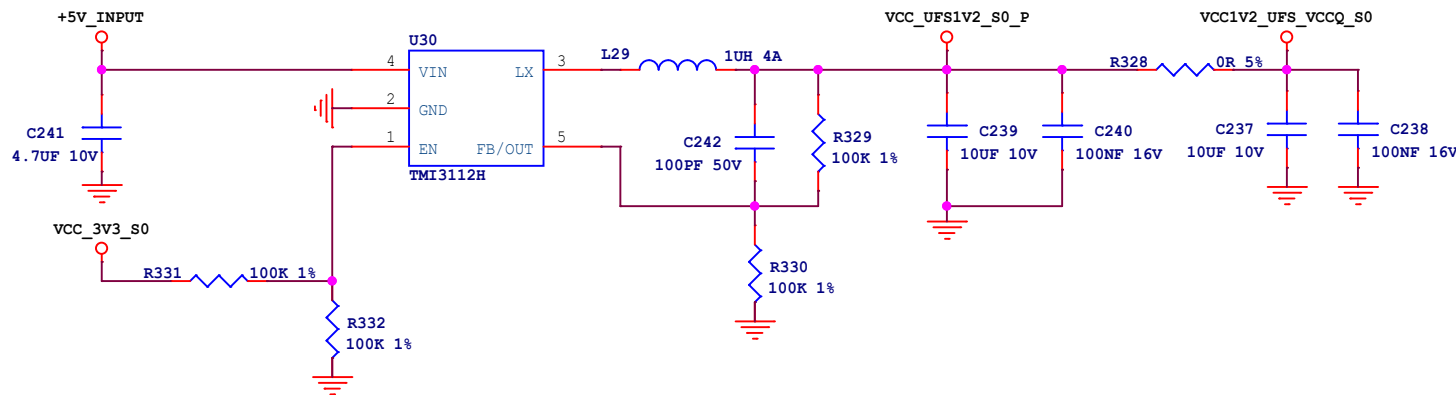
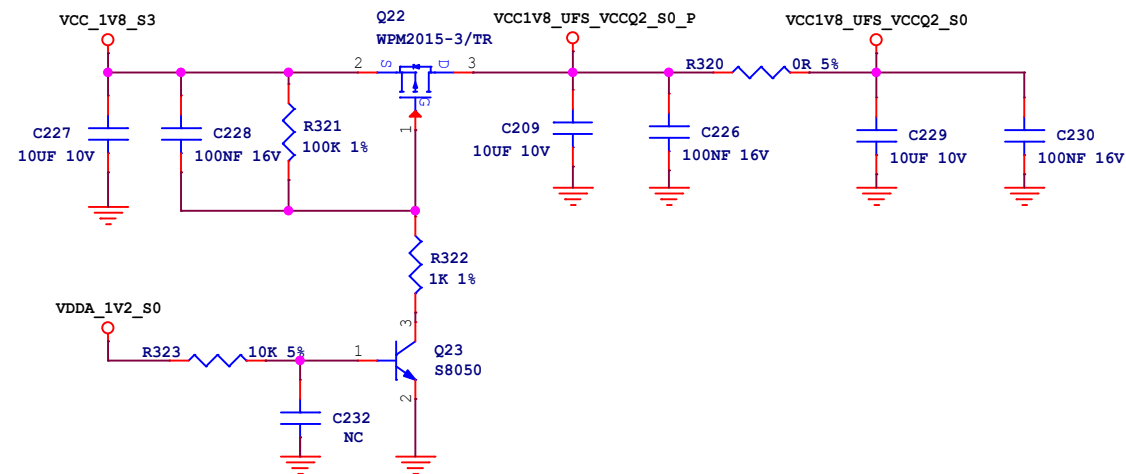
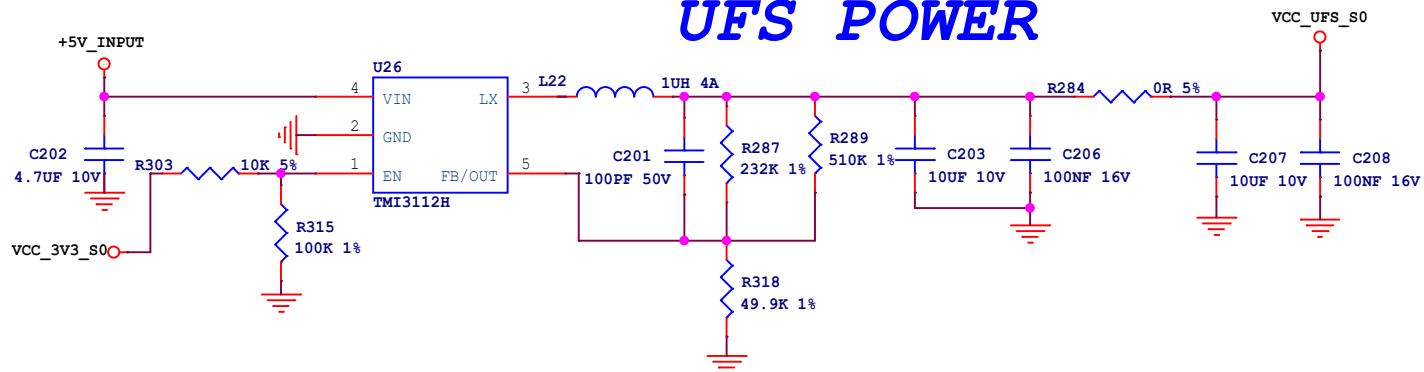
Type-C PORT



UFS



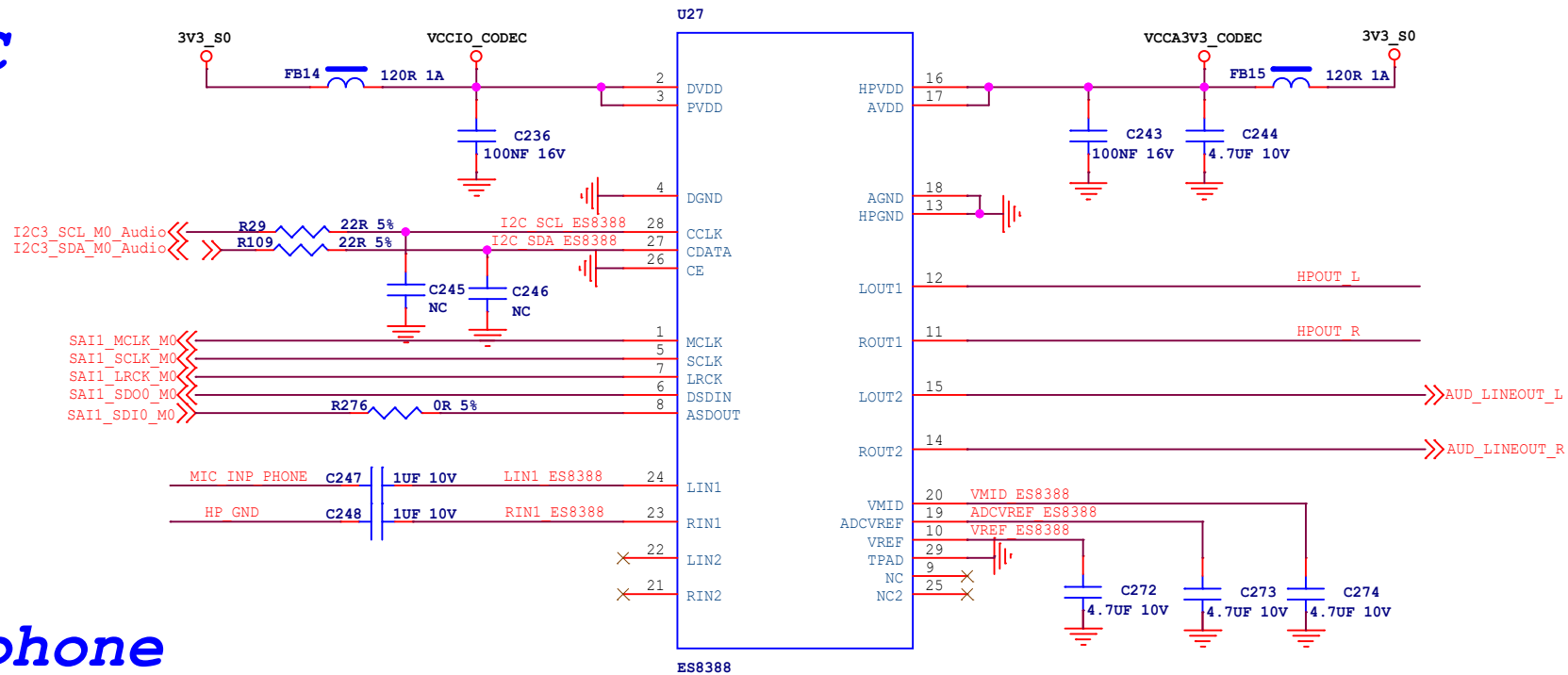
UFS POWER



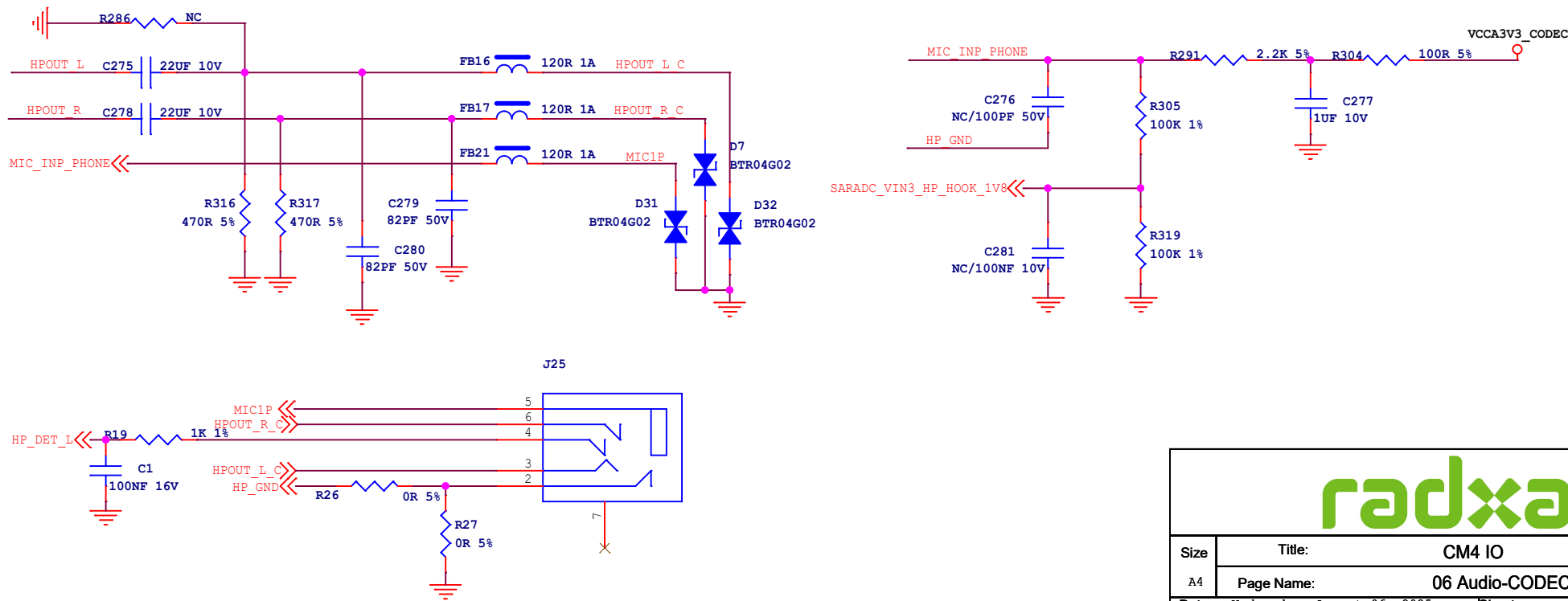
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CODEC

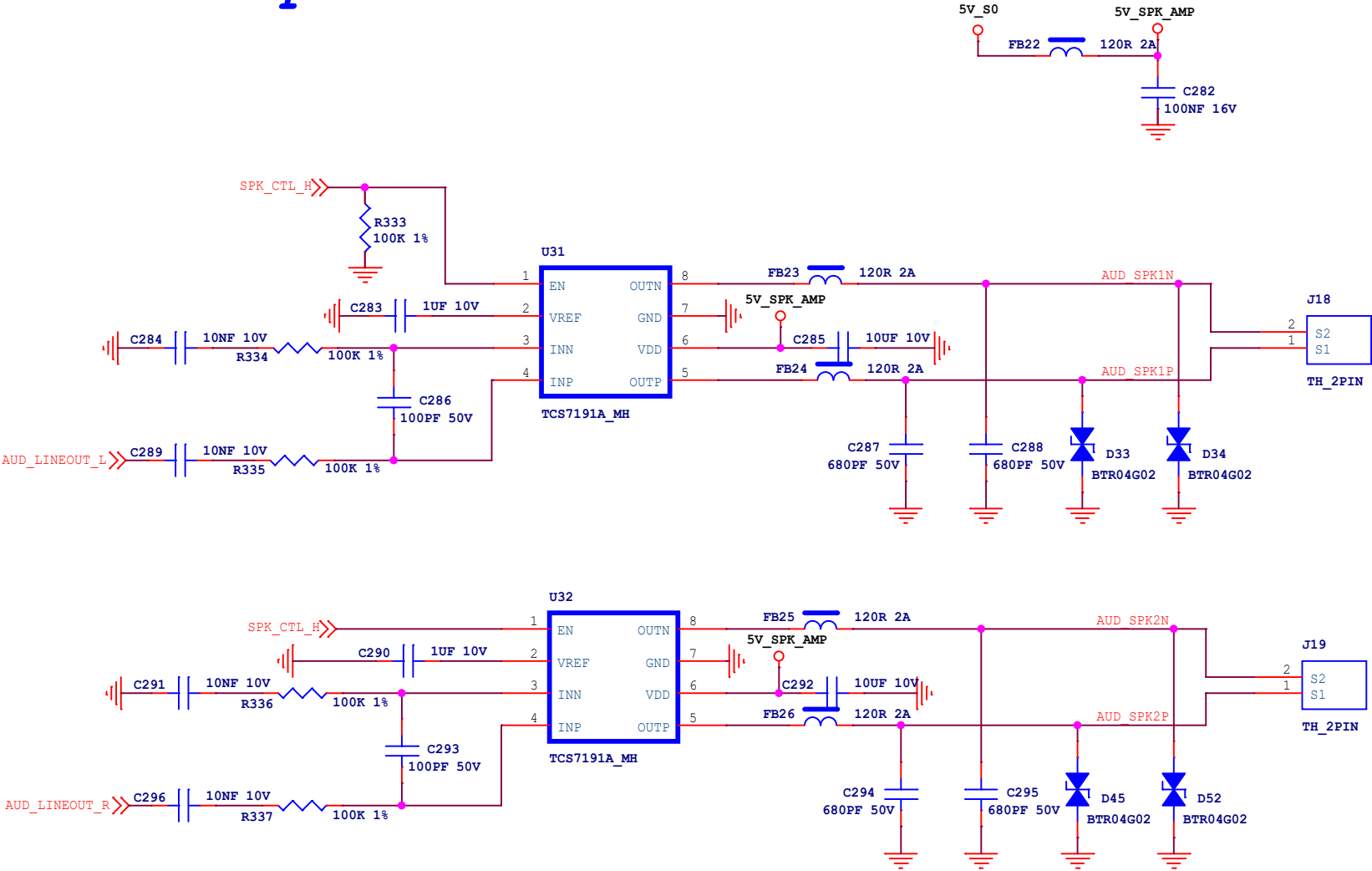


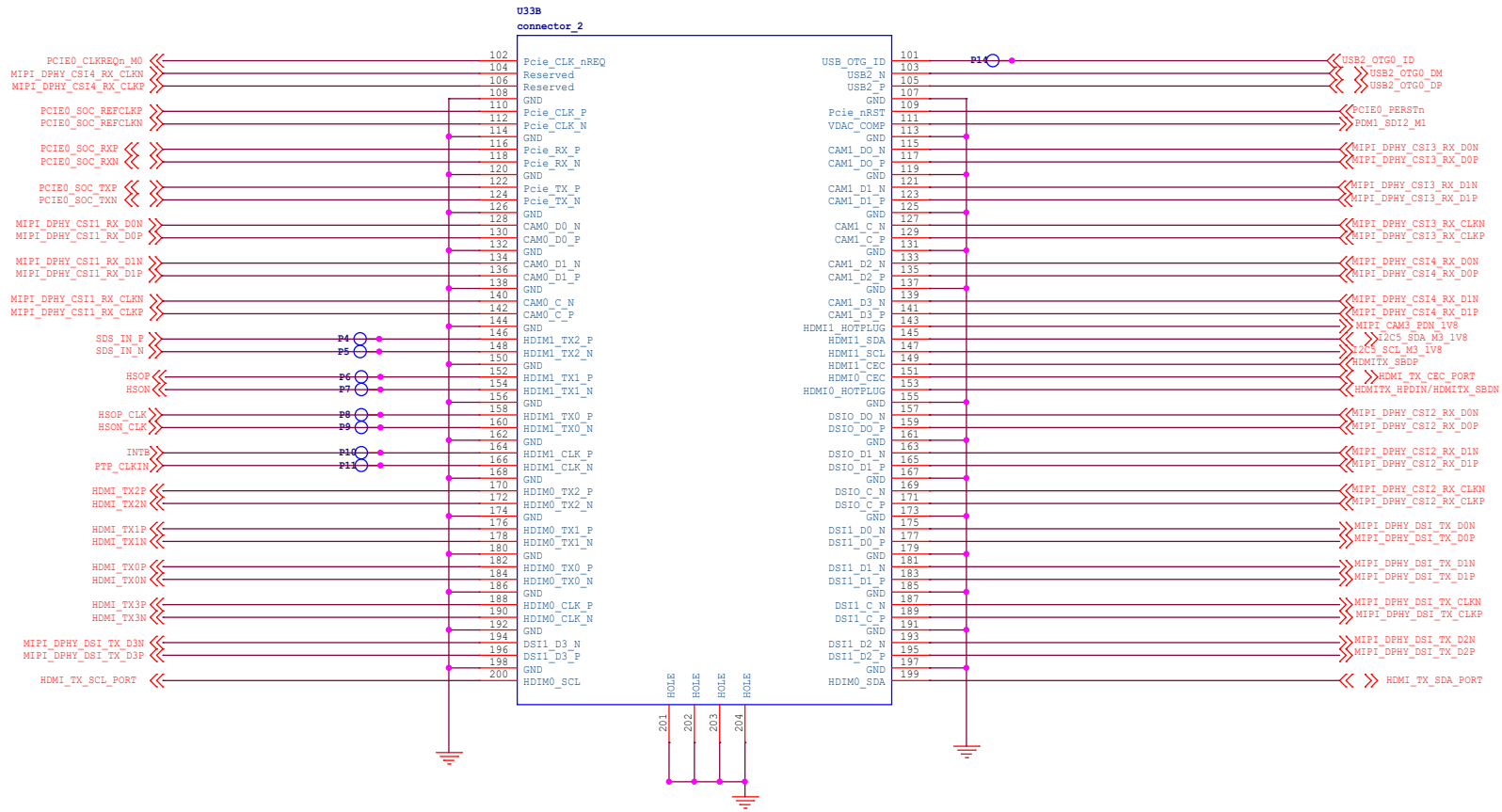
Headphone



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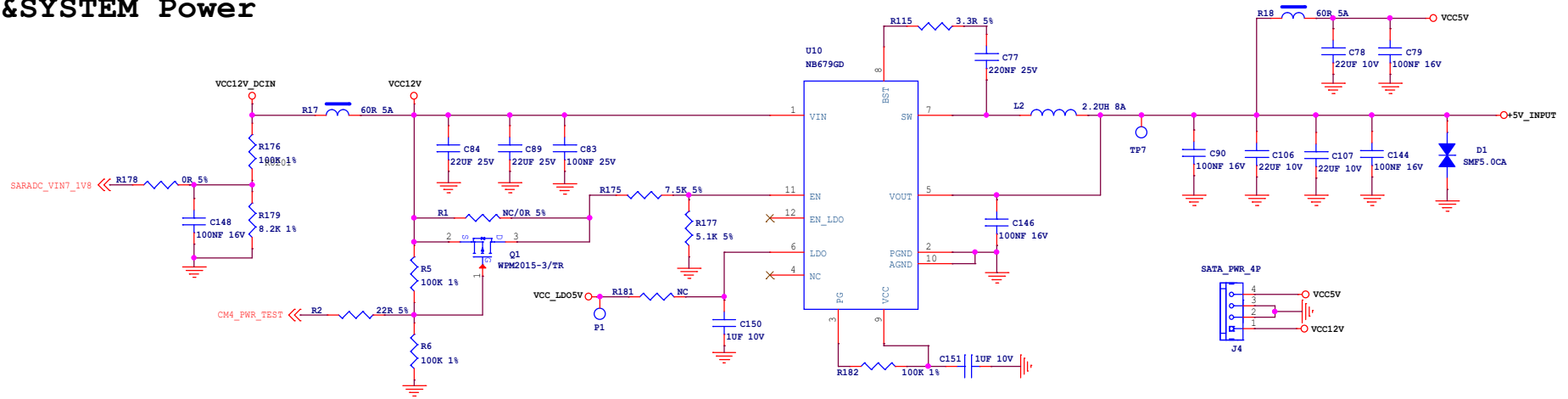
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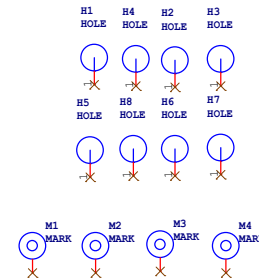
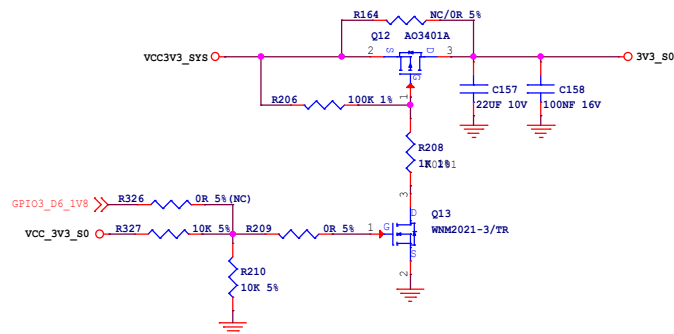
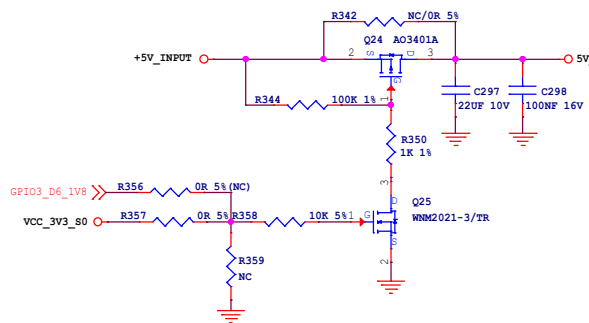
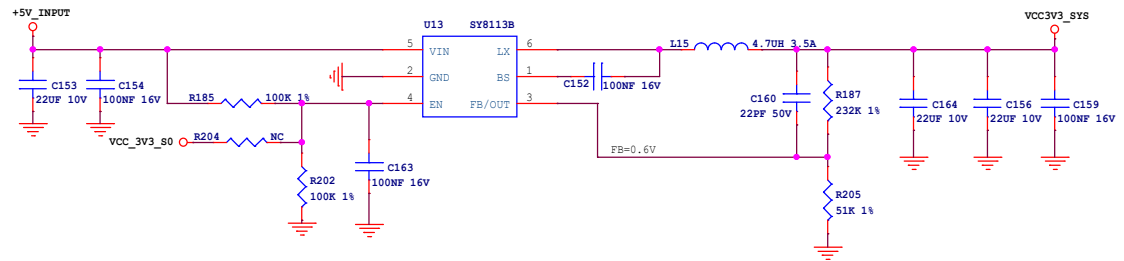
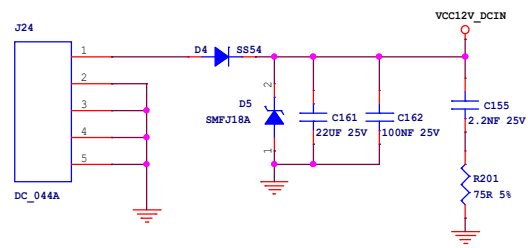


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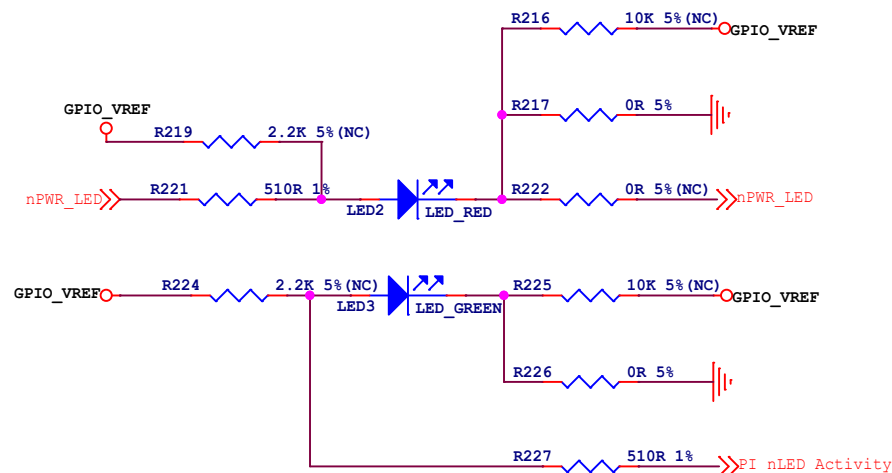
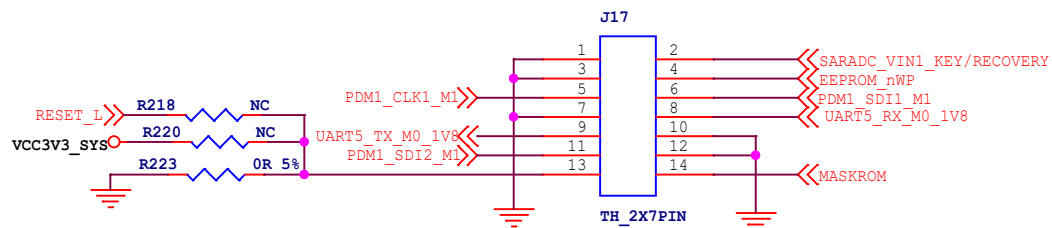
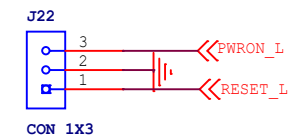
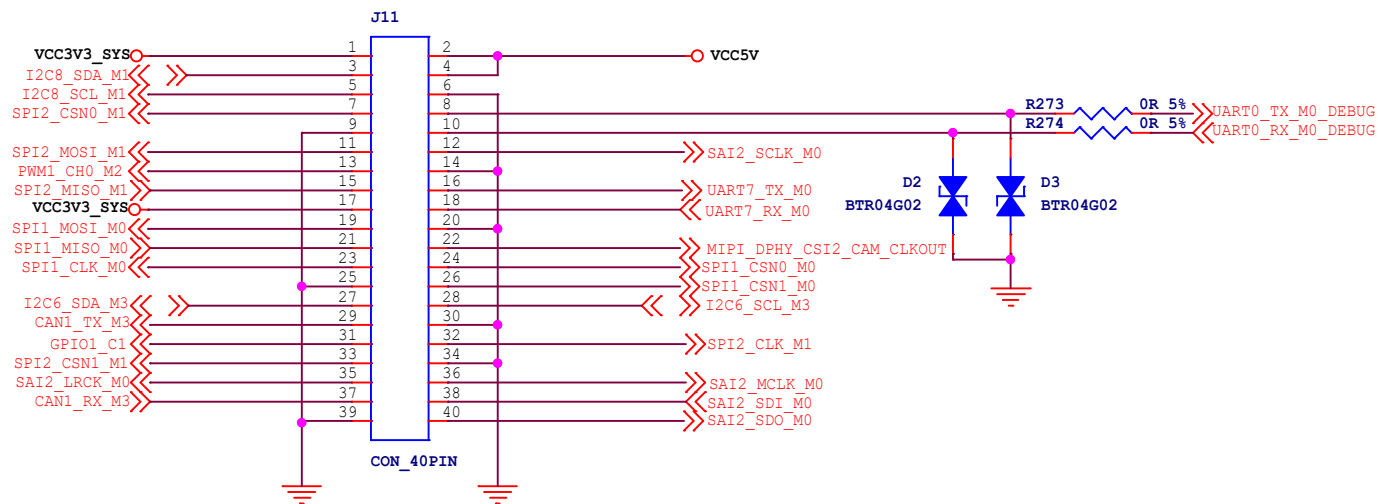
DC IN&SYSTEM Power



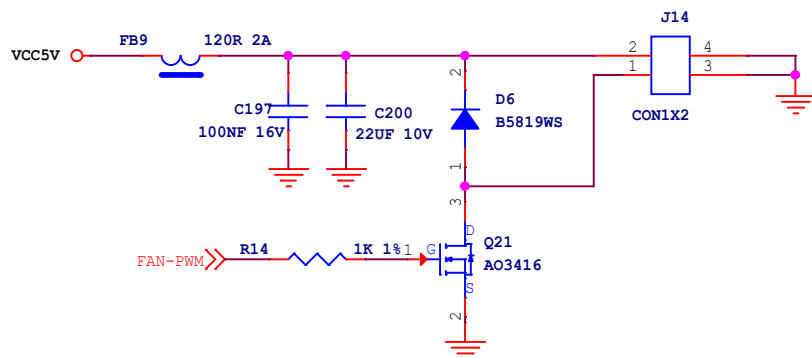
DC12V



40 PIN



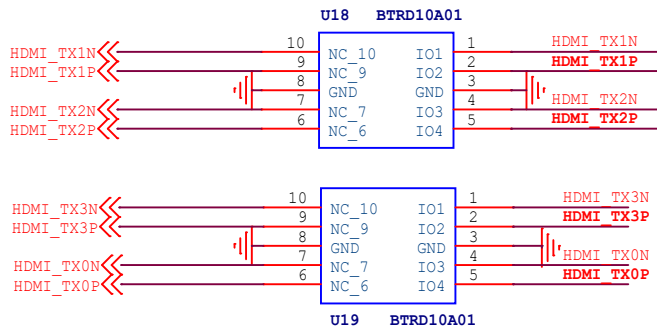
FAN



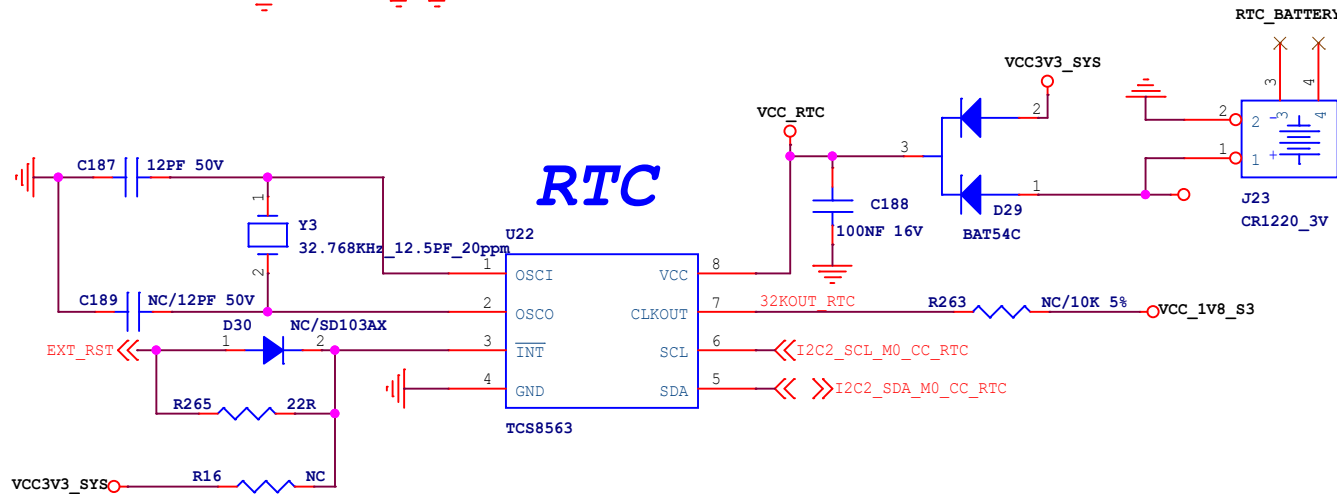
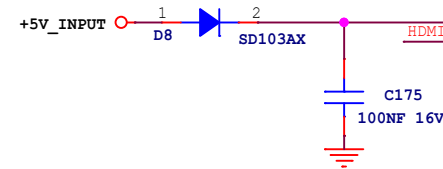
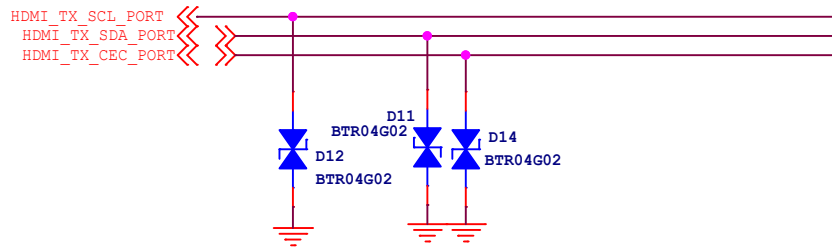
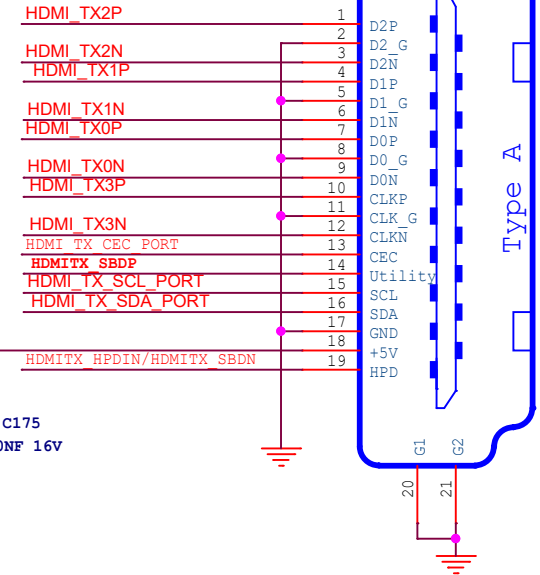
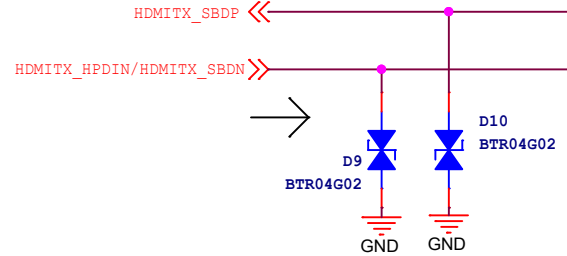
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HDMI

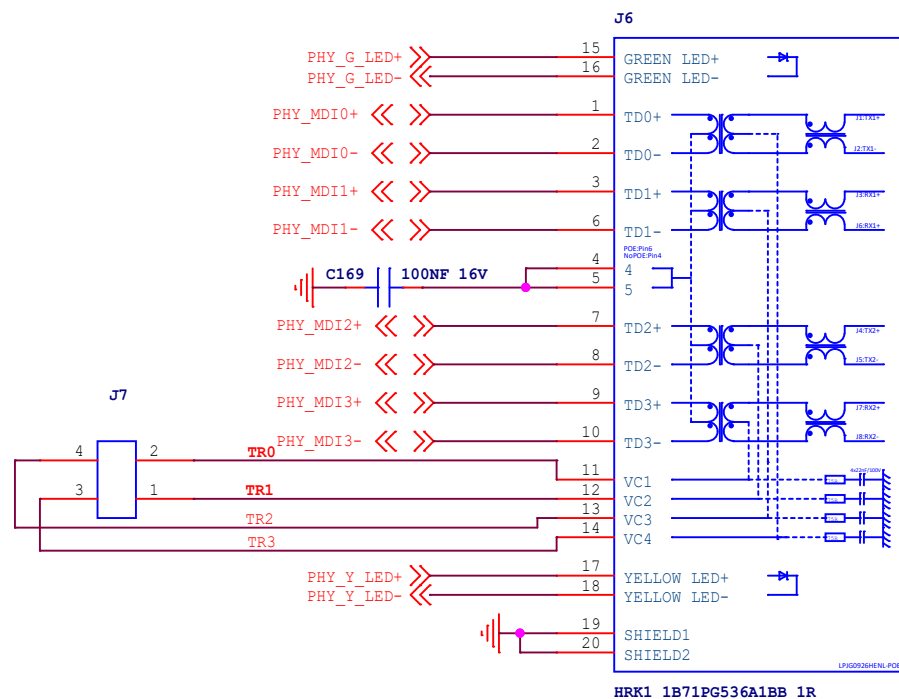
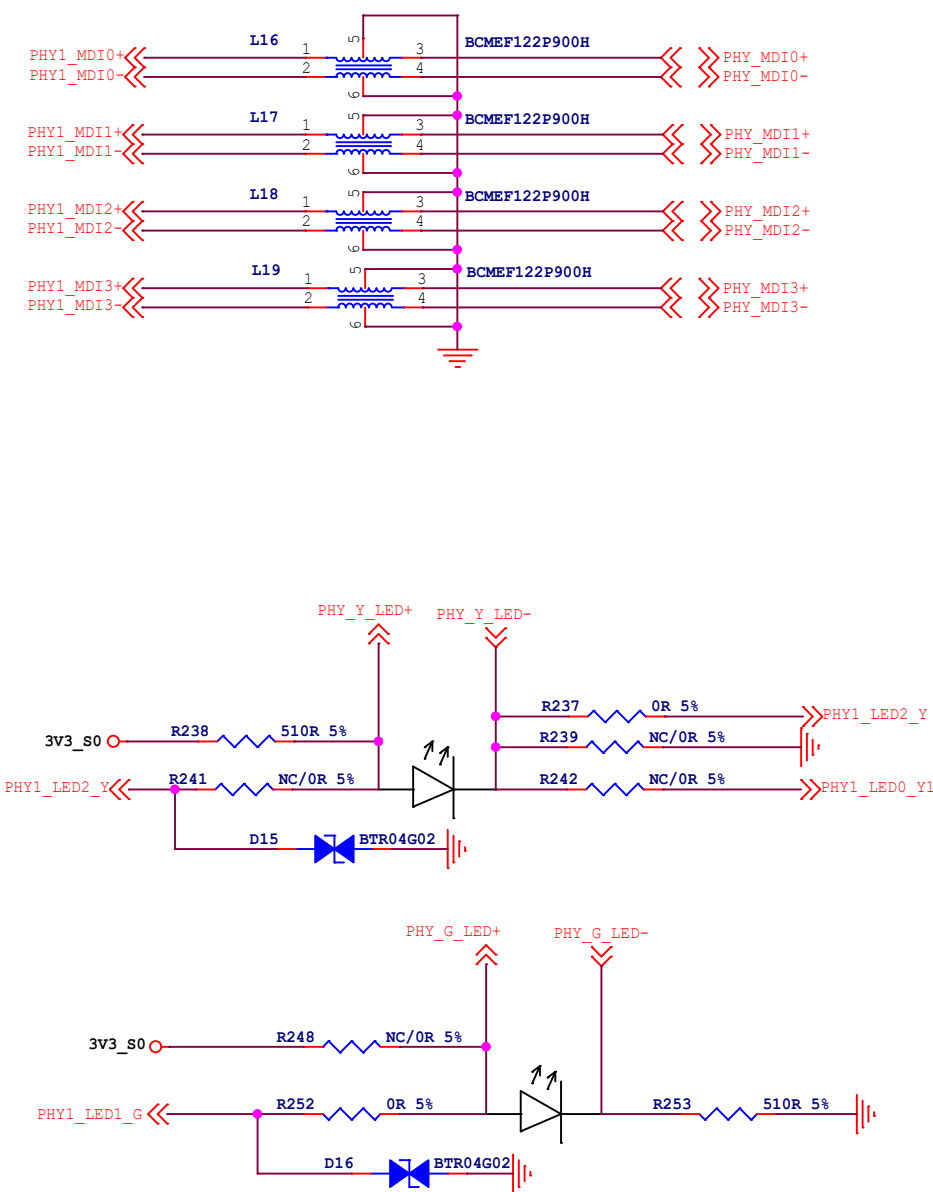


HDMI TX ARC/HPD

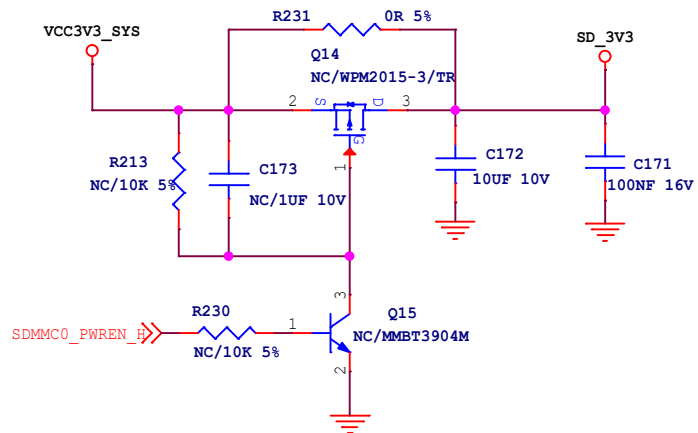
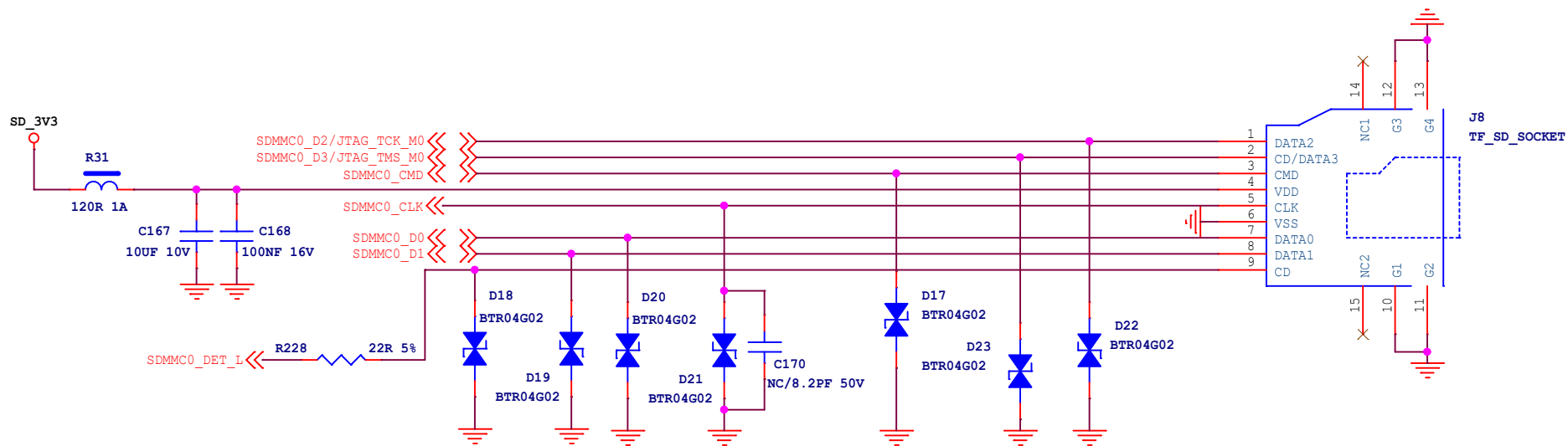


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ETHERNET

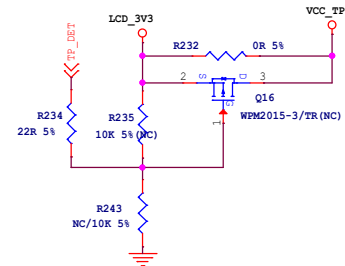
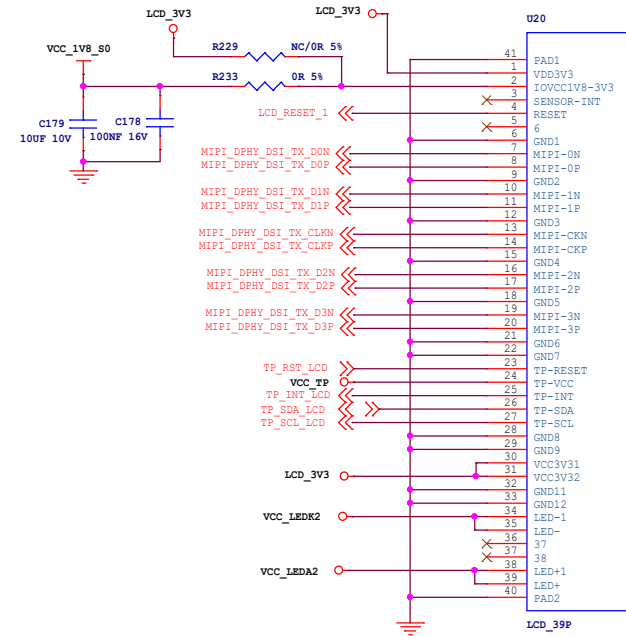
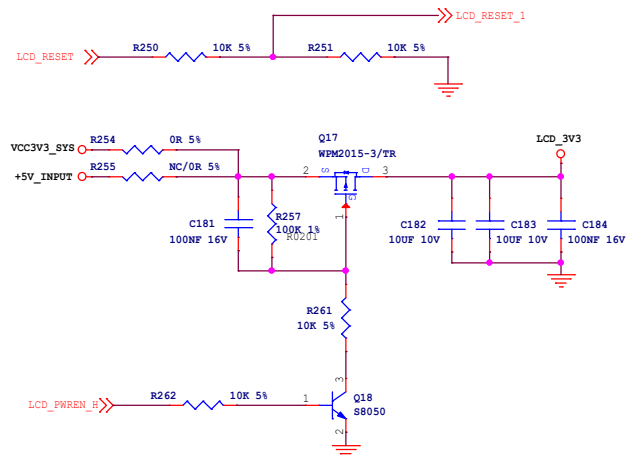
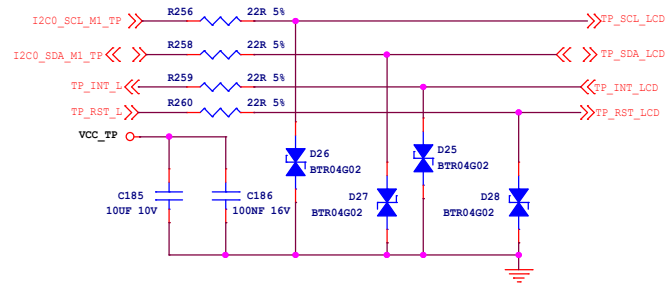
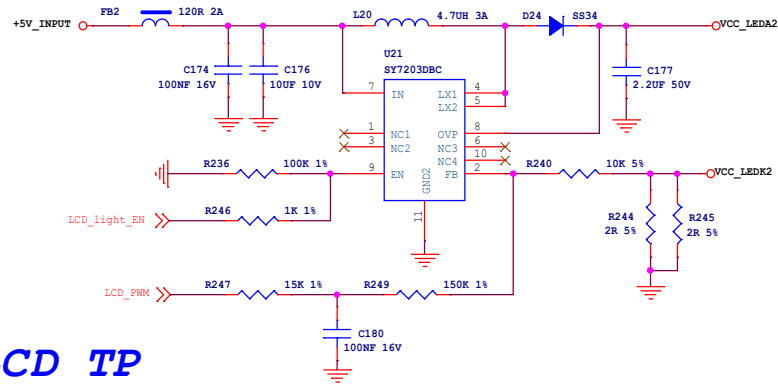


MicroSD Card

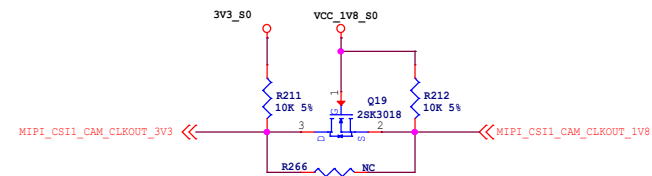
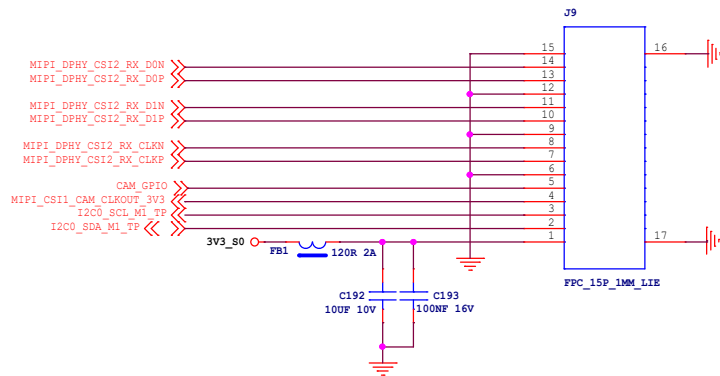


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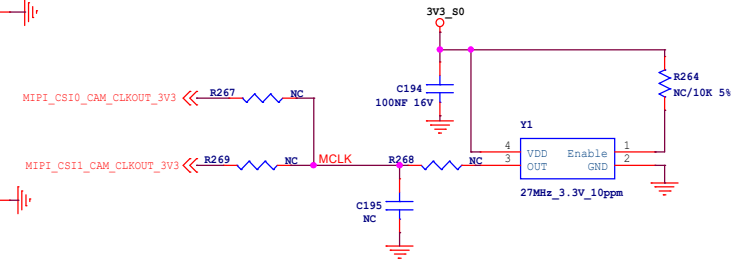
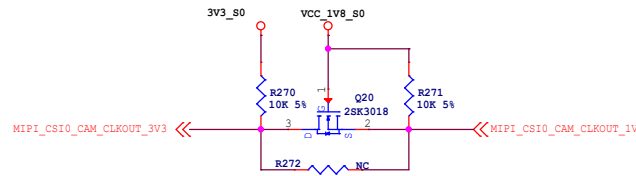
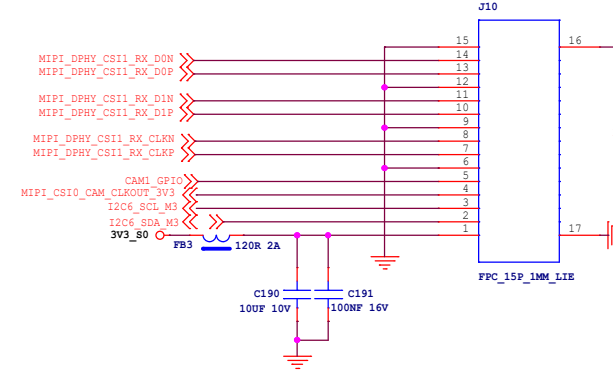
LCD_TP



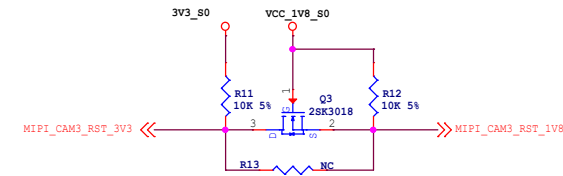
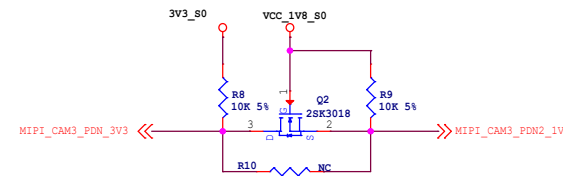
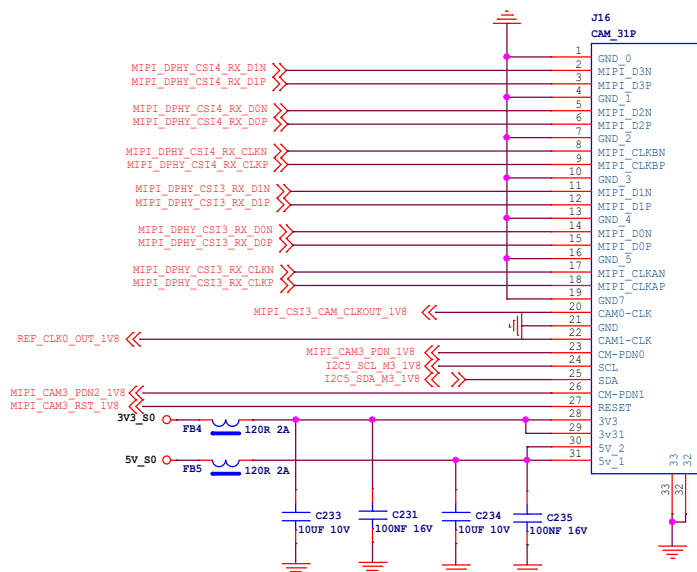
MIPI_CSI2_RX 2Lanes



MIPI_CSI1_RX 2Lanes



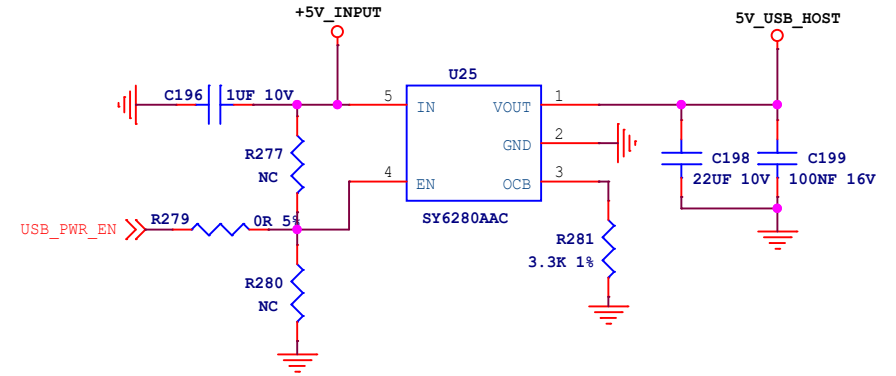
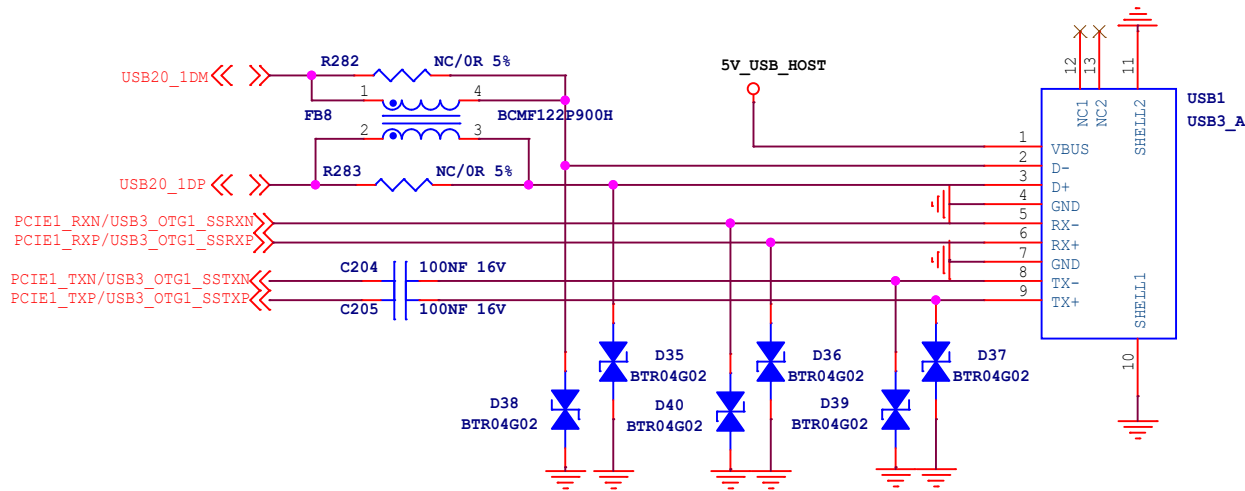
MIPI_CSI3_RX_2X2Lanes



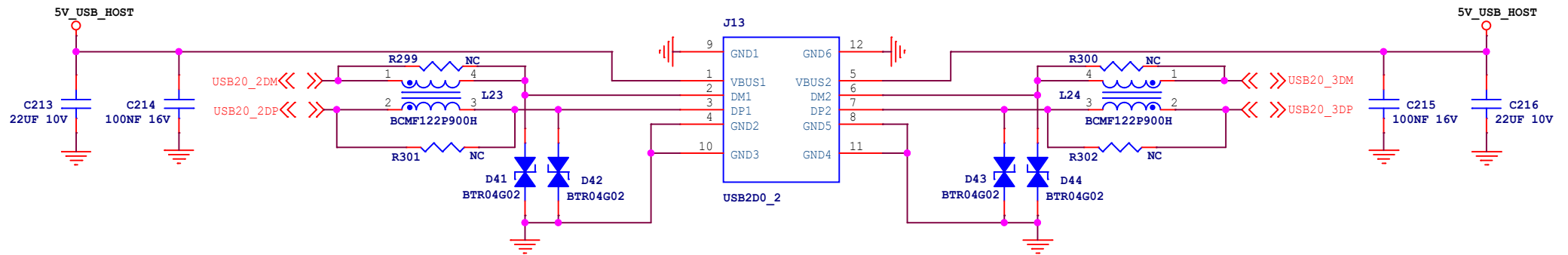
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USB3.0



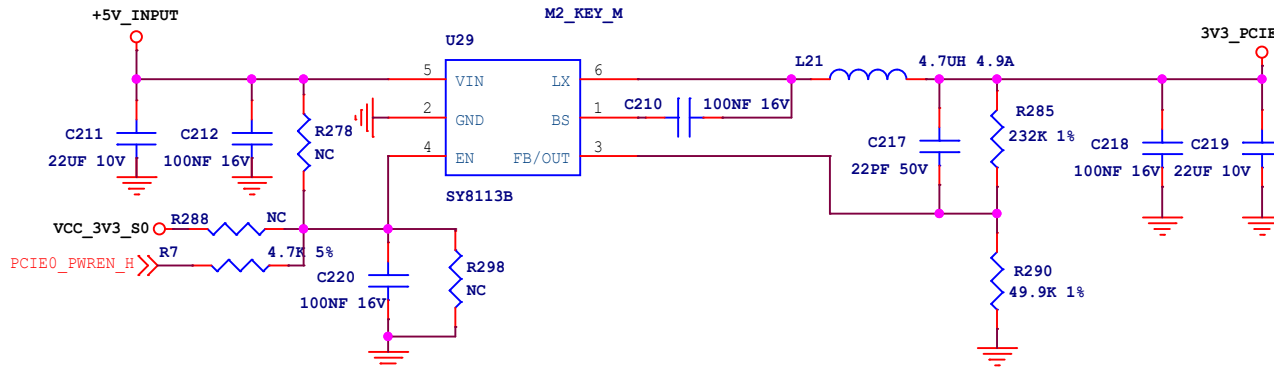
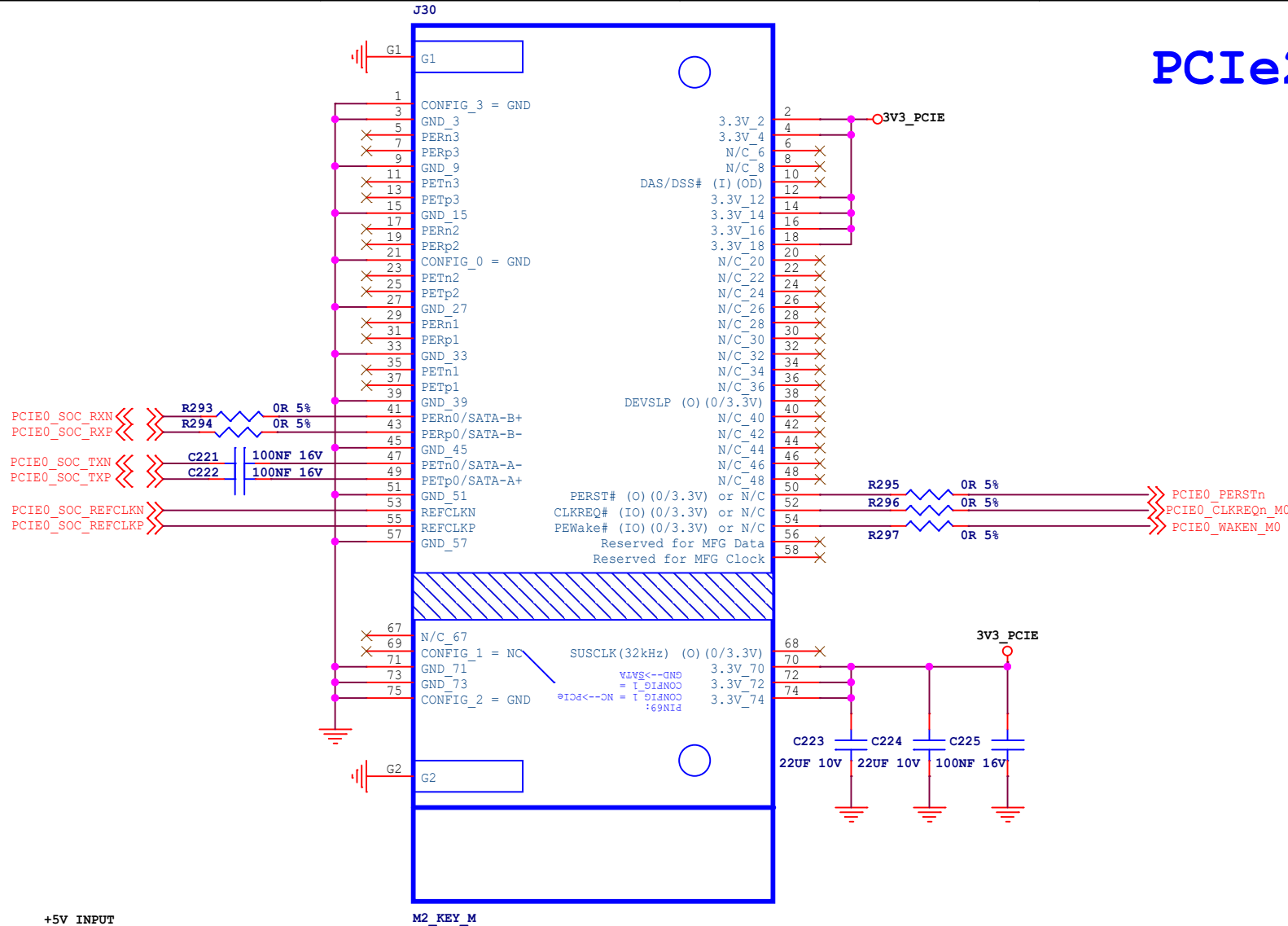
USB2.0



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PCIe2.0 x 1 Lane



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