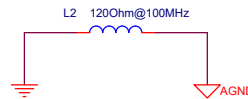
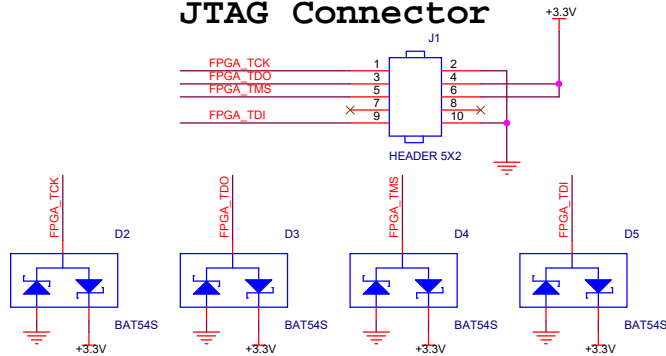


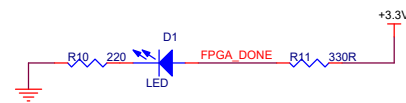
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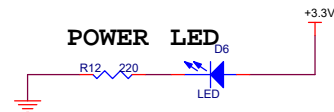
JTAG Connector

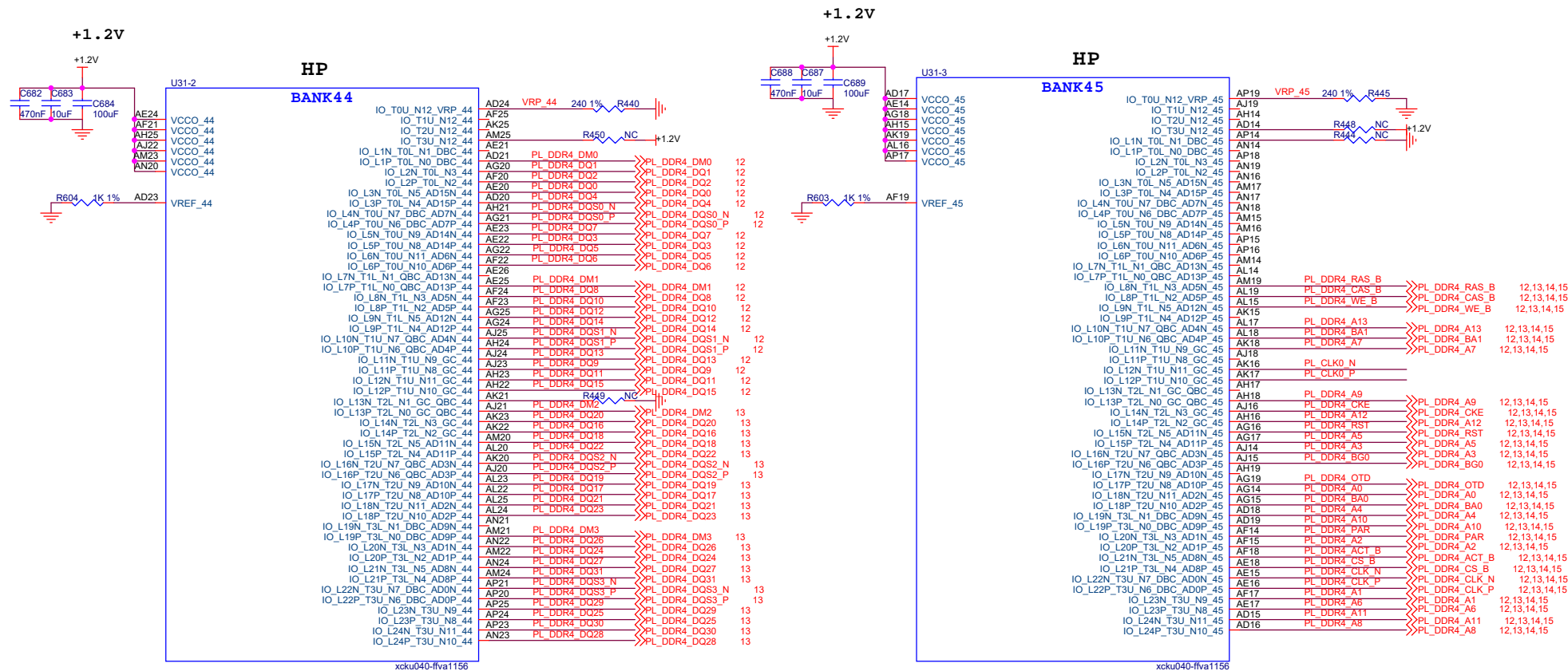


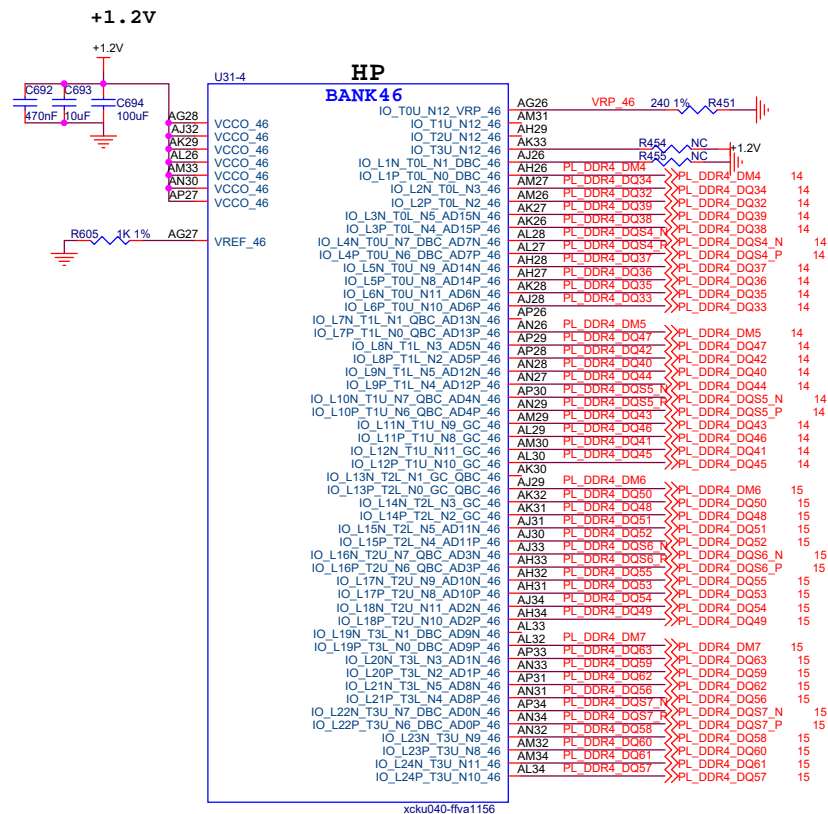
FPGA DONE LED

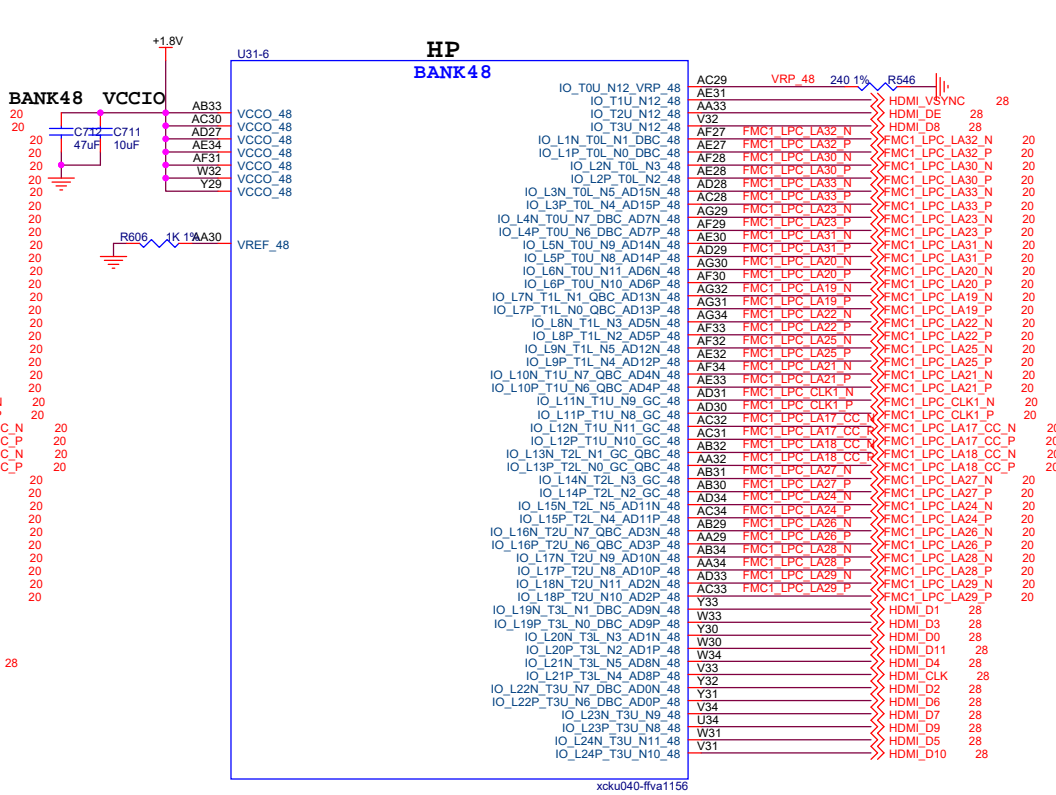
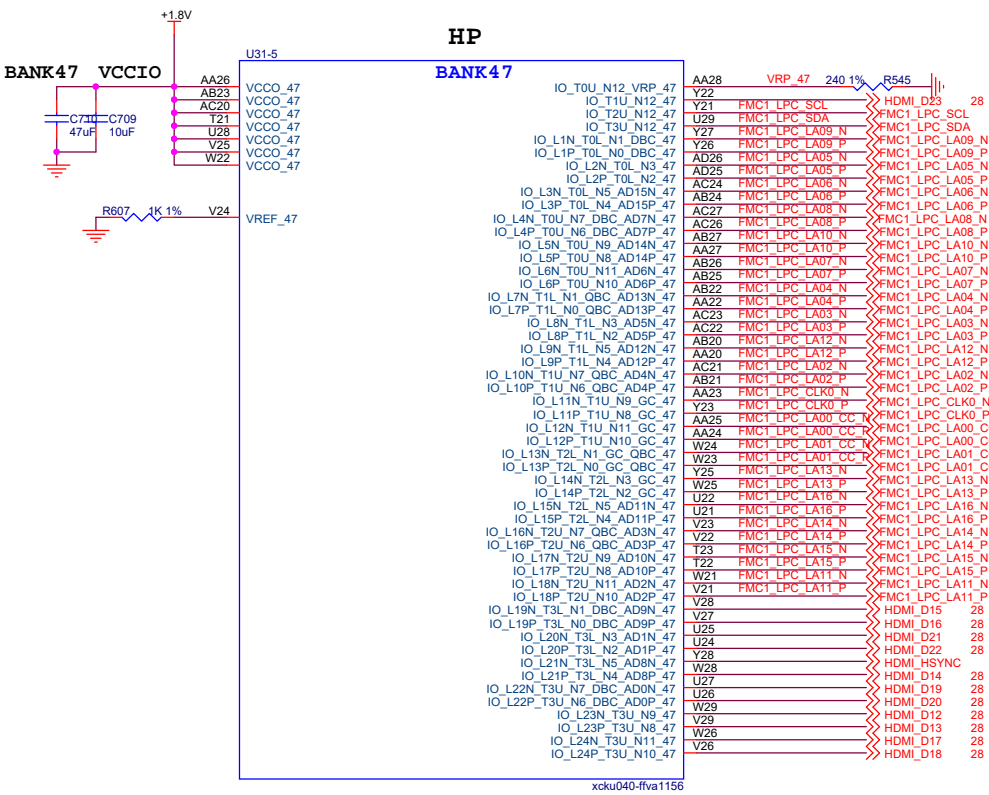


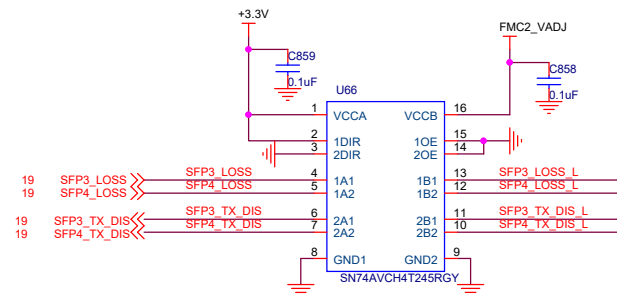
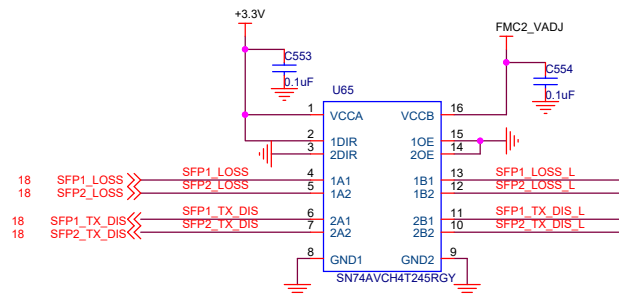
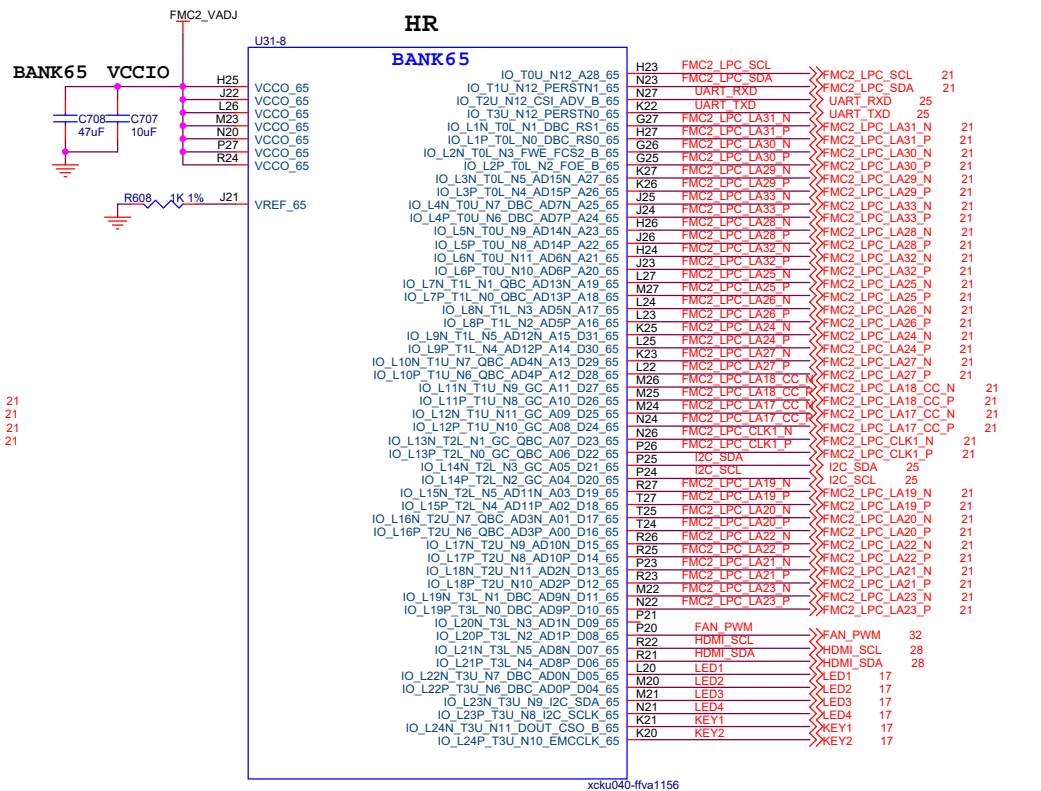
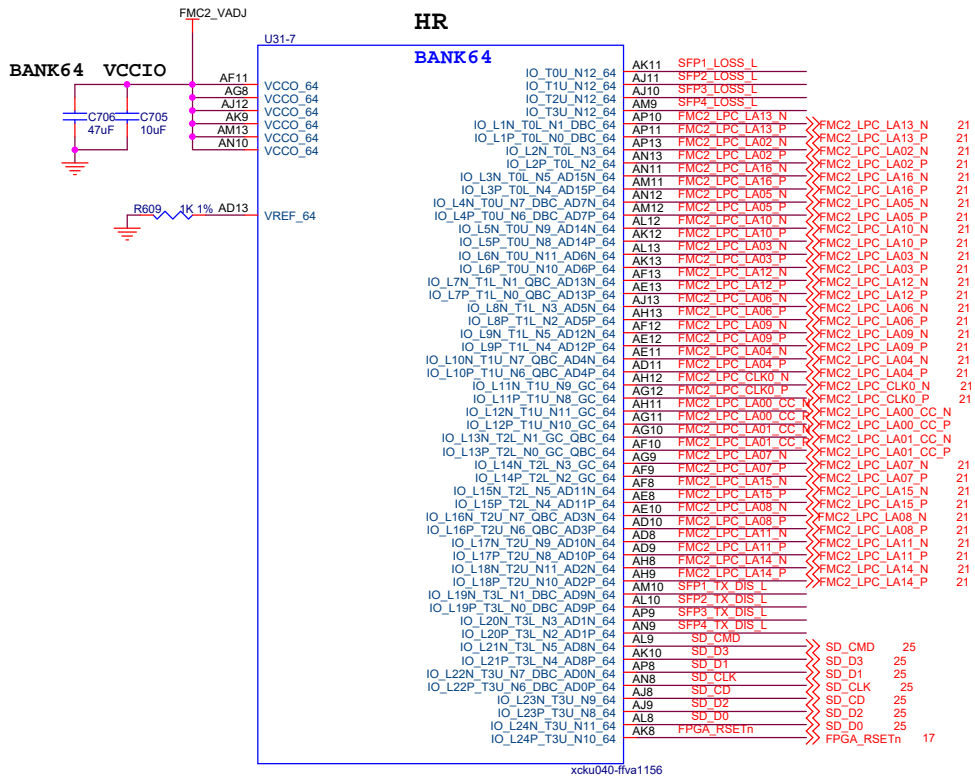
POWER LED

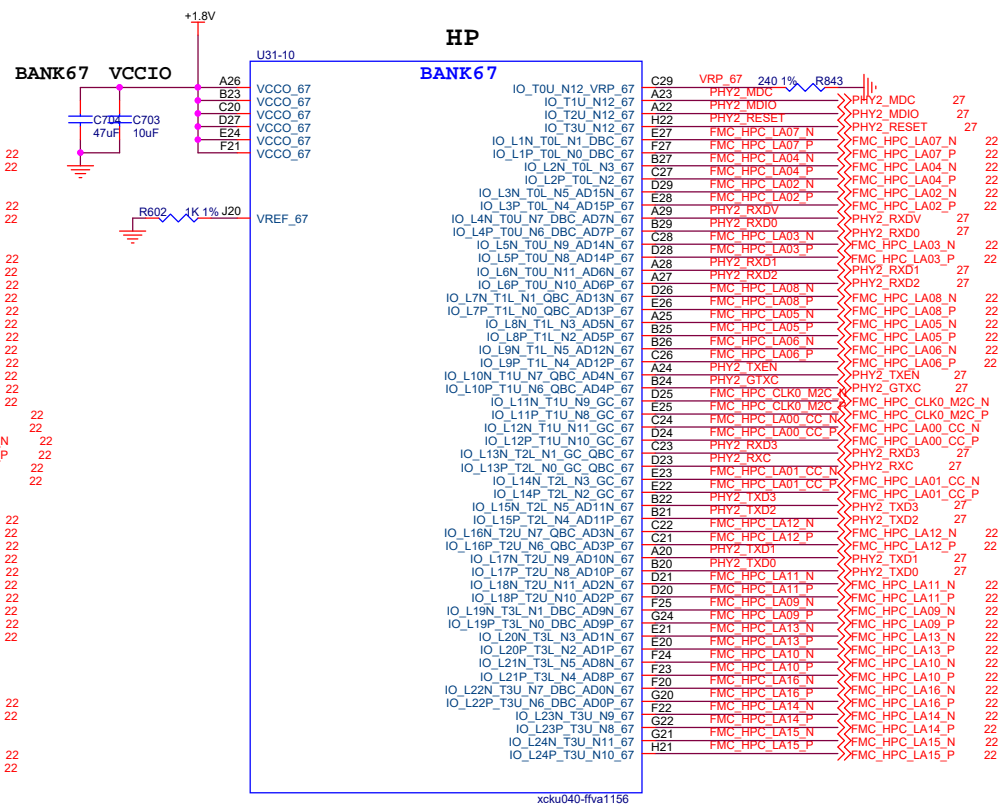
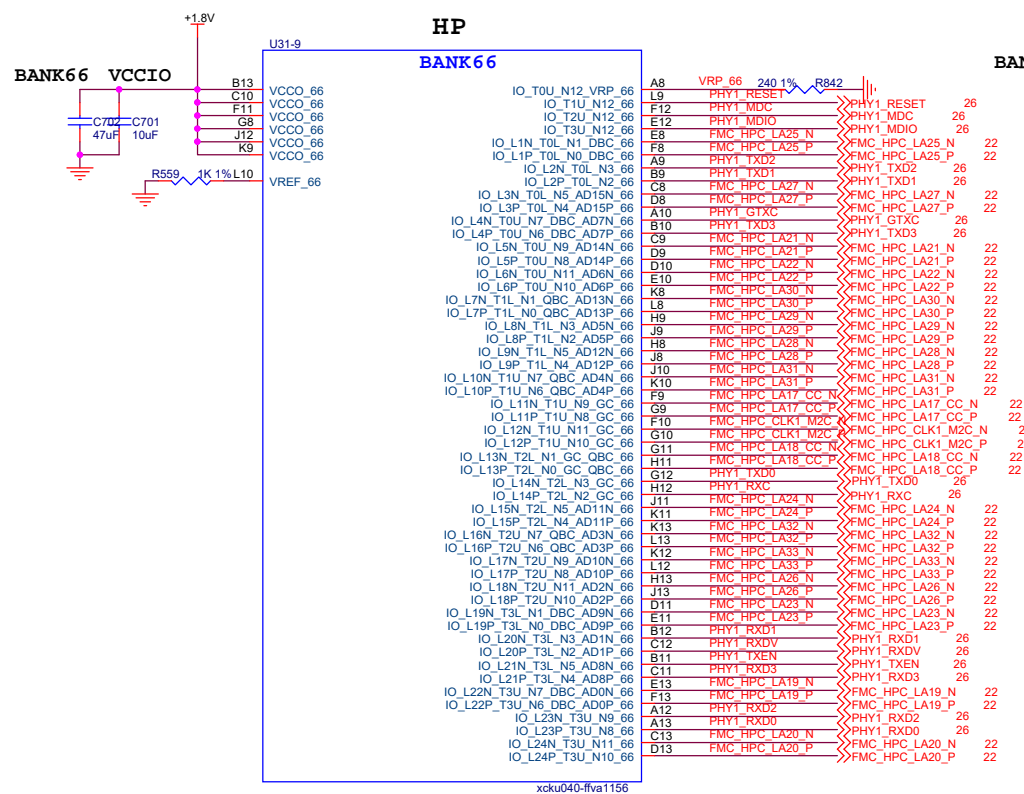


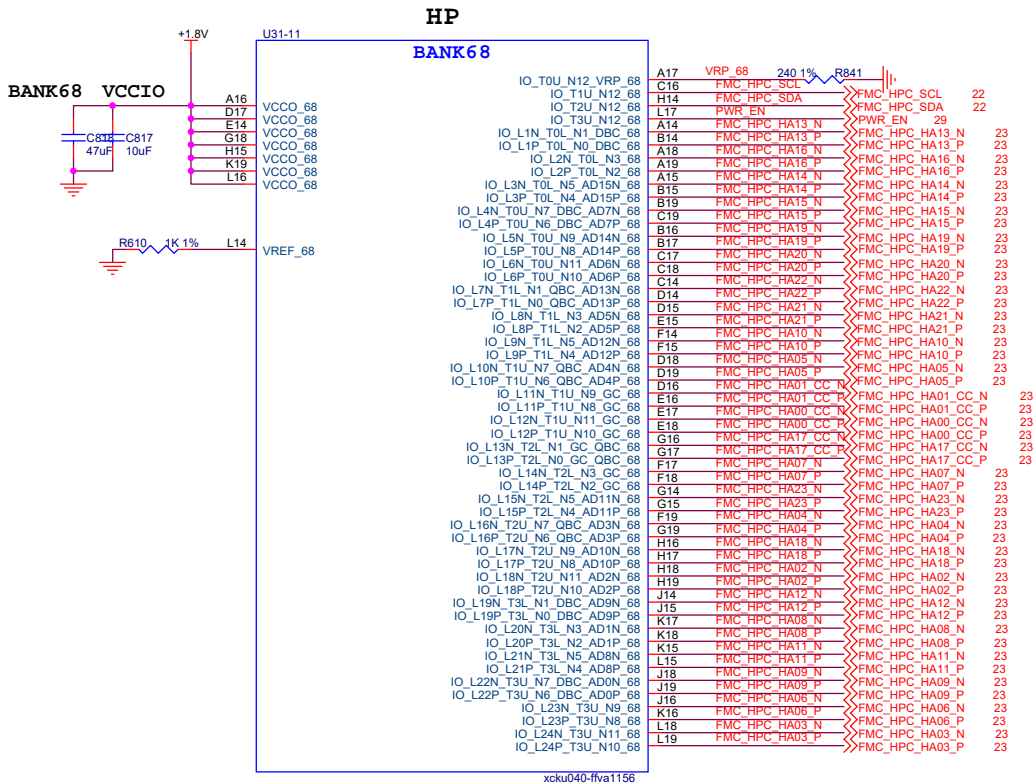


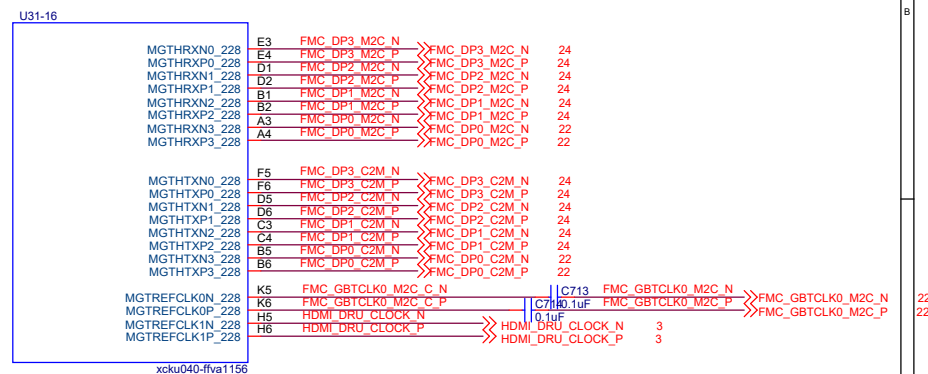
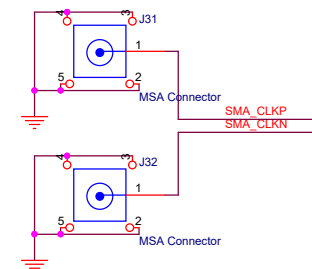
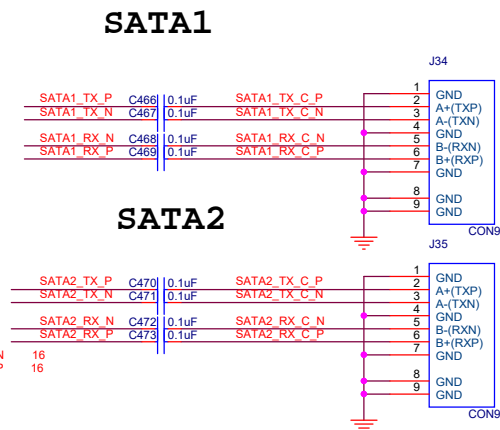


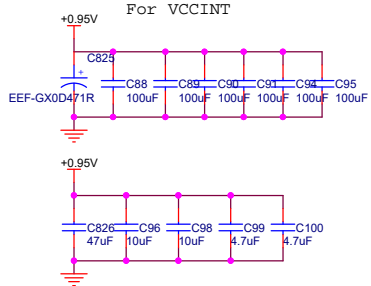
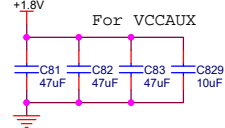
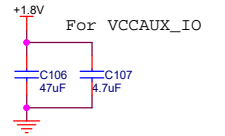
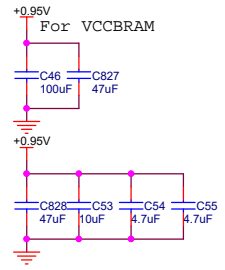
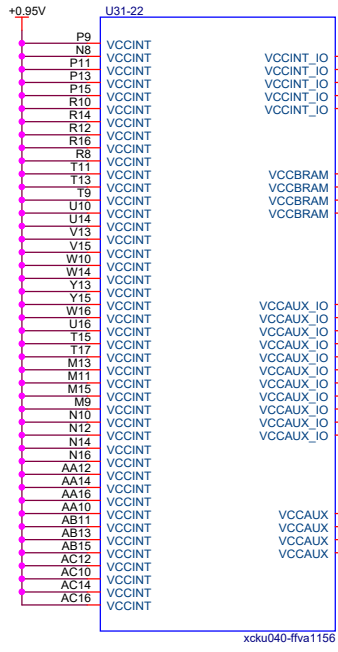
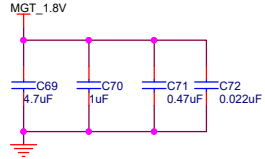
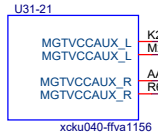
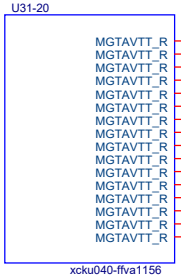
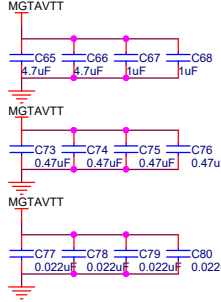
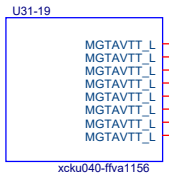
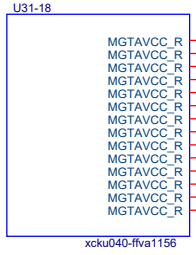
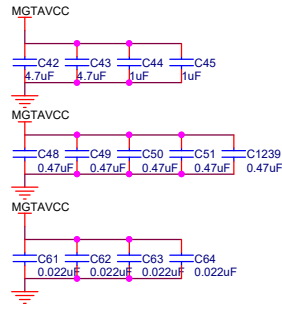
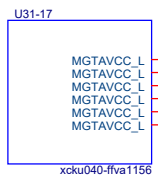


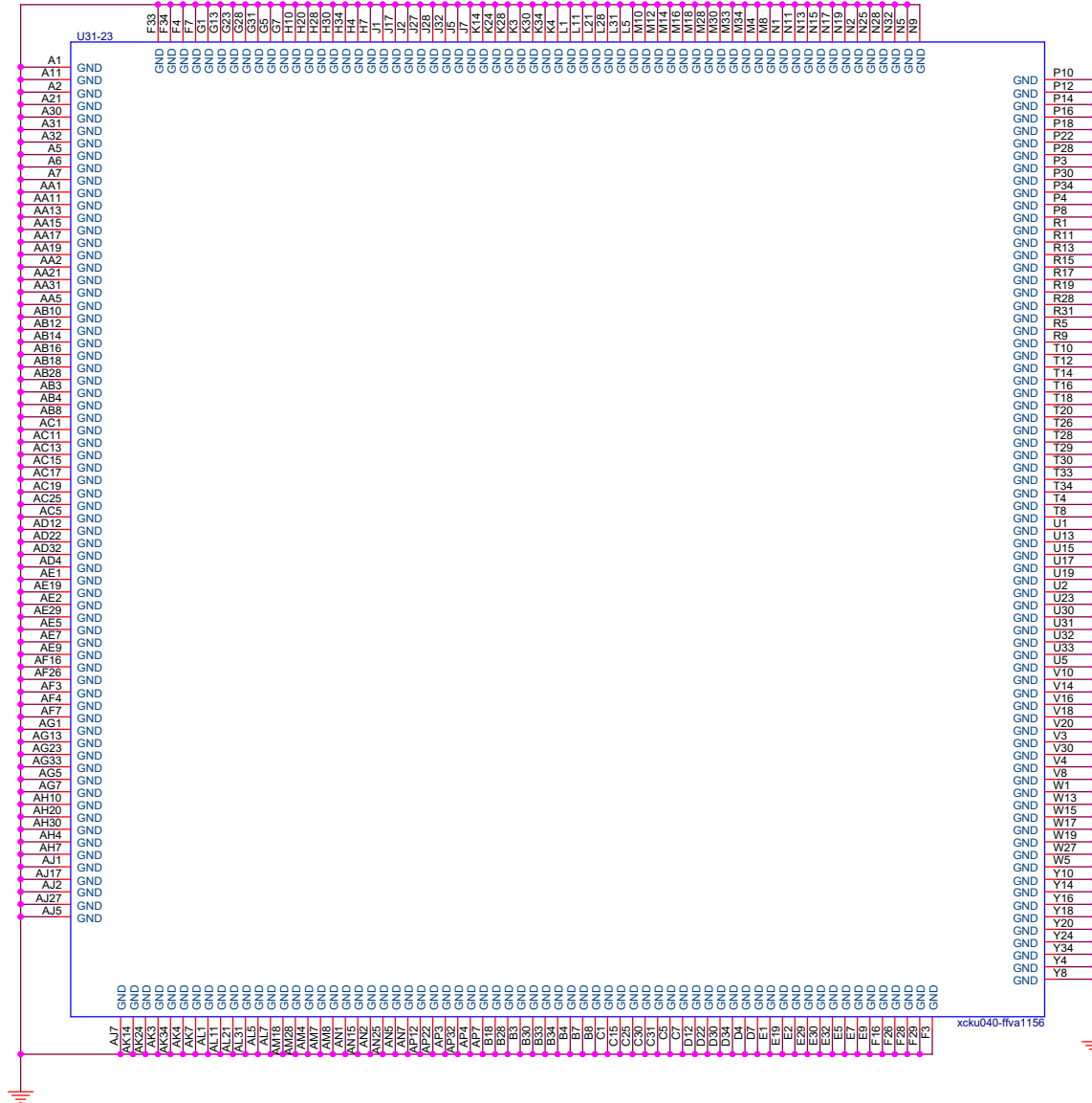


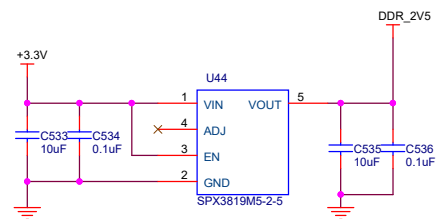
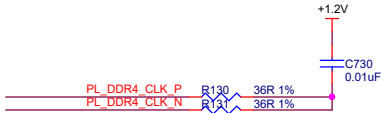




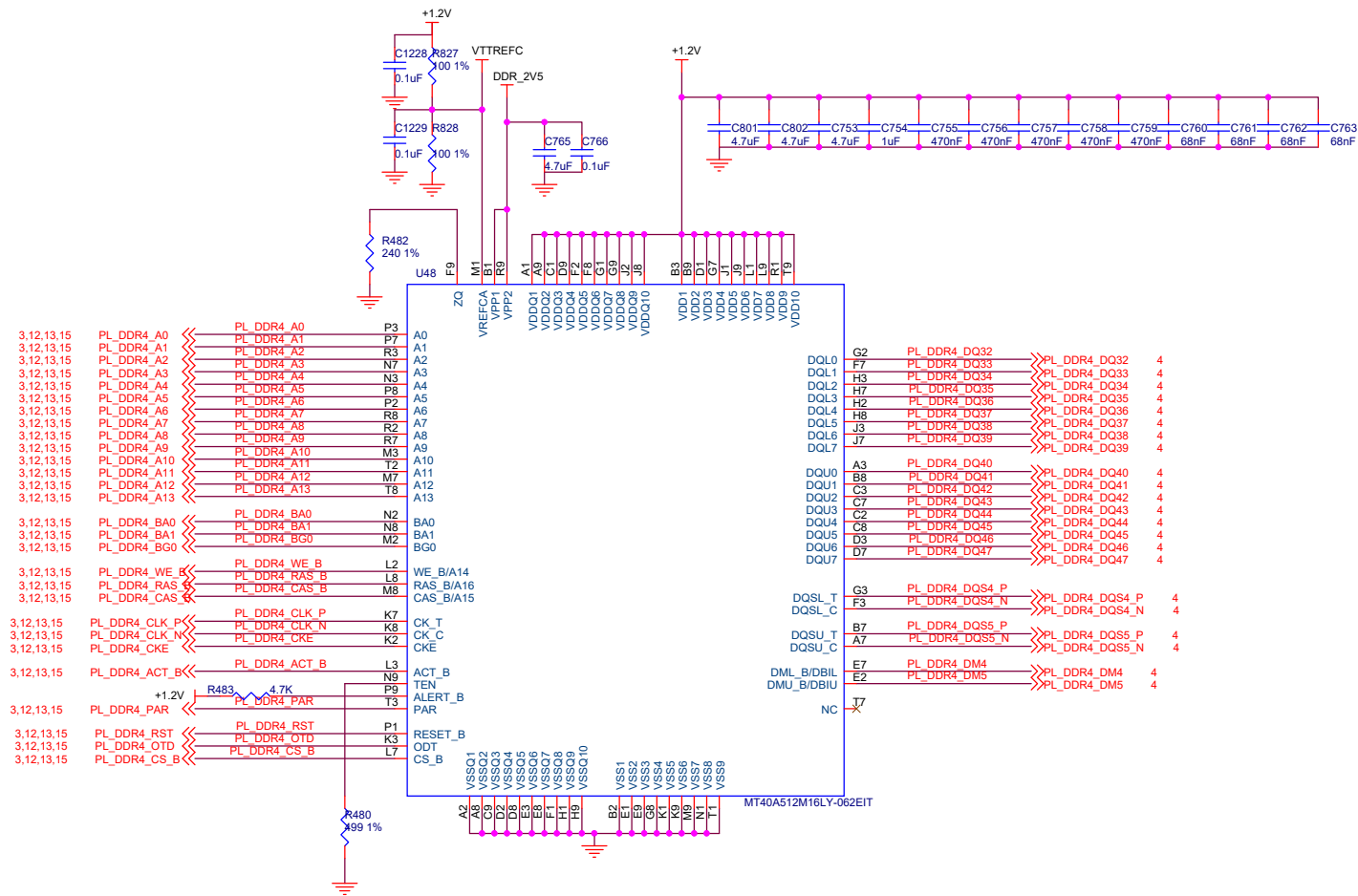


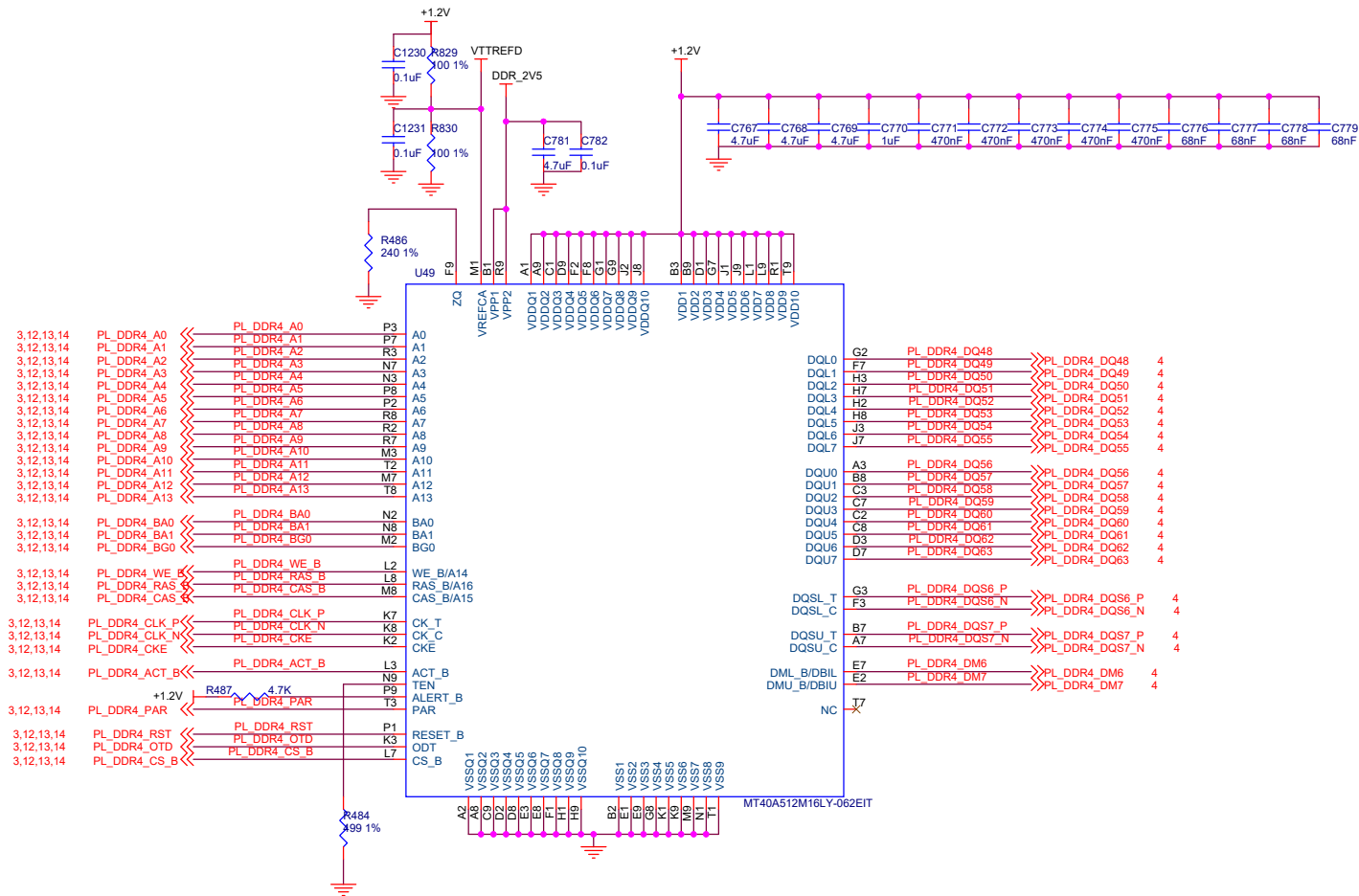






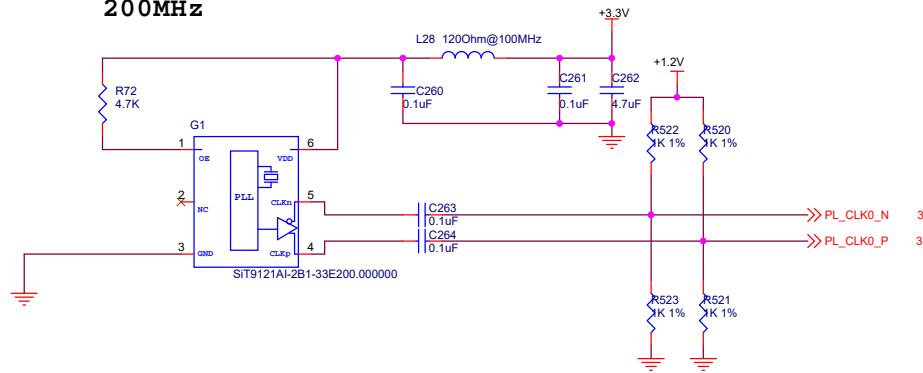






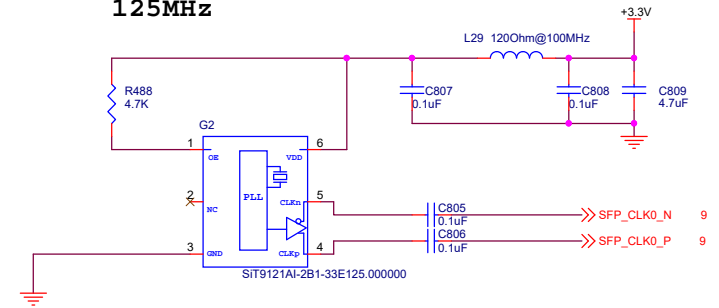
SYSTEM CLOCK

200MHz



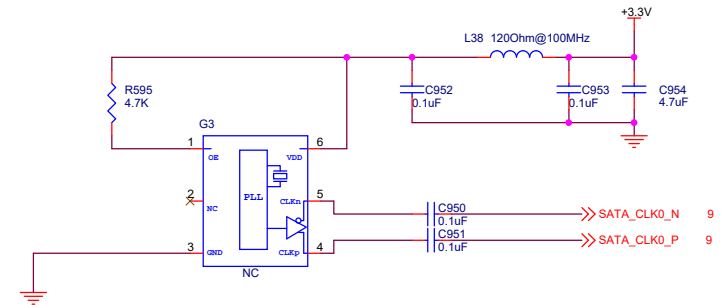
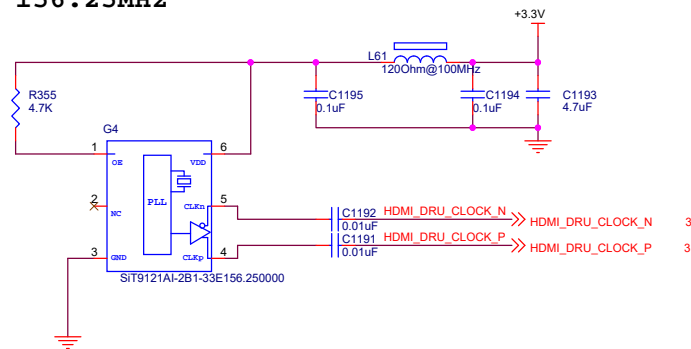
SFP CLOCK

125MHz

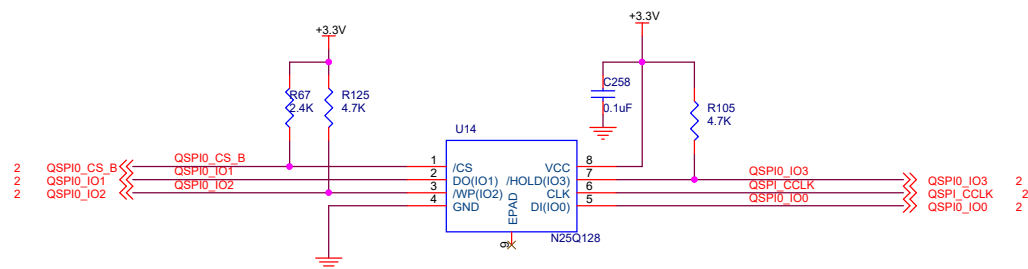


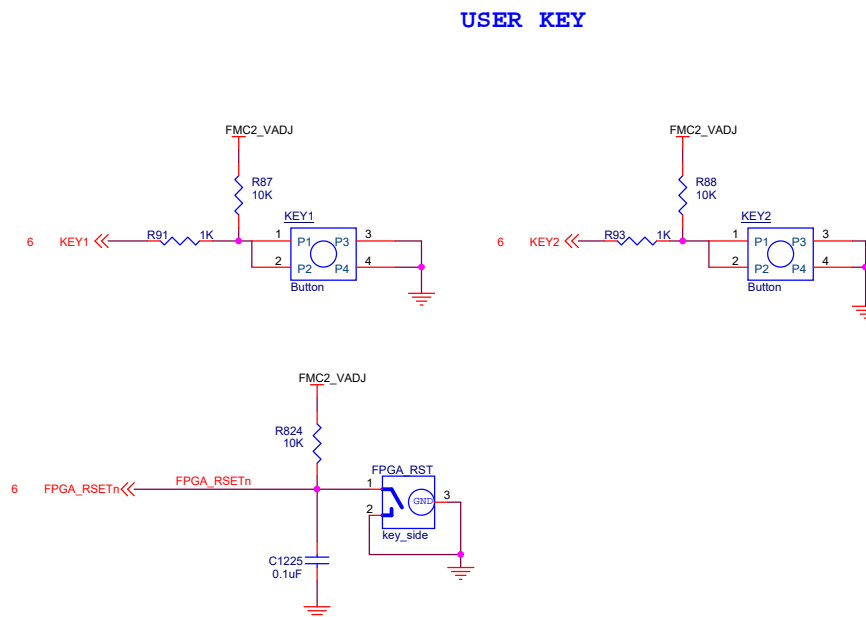
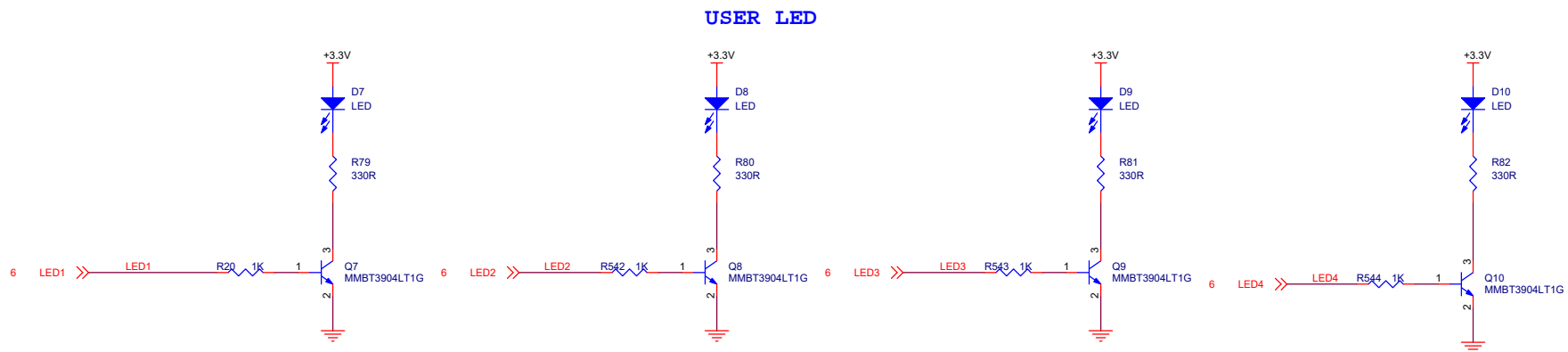
SATA CLOCK

156.25MHz

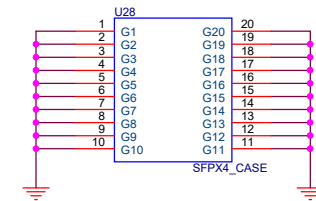
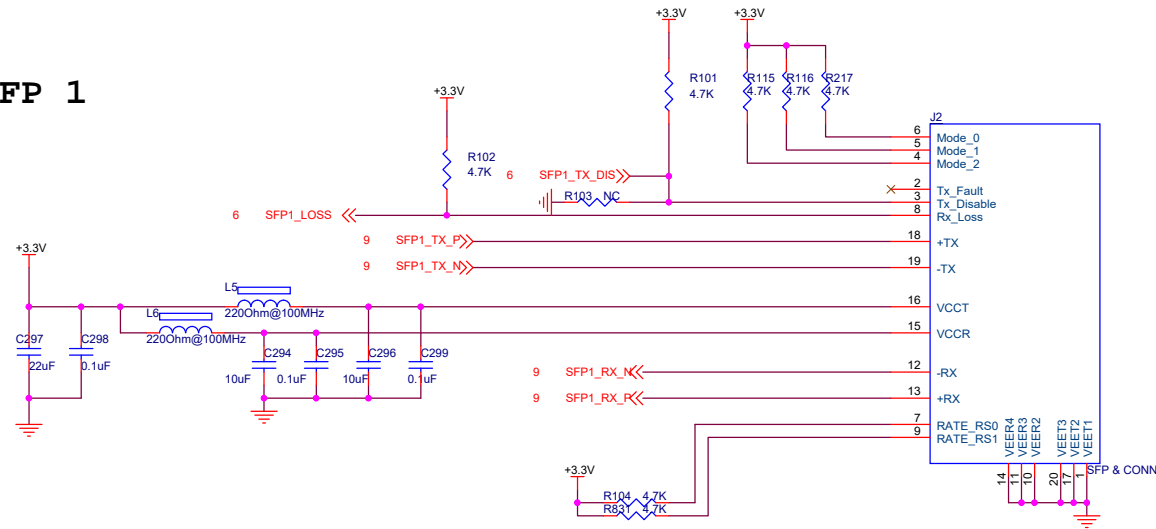


FPGA CONFIG SPI

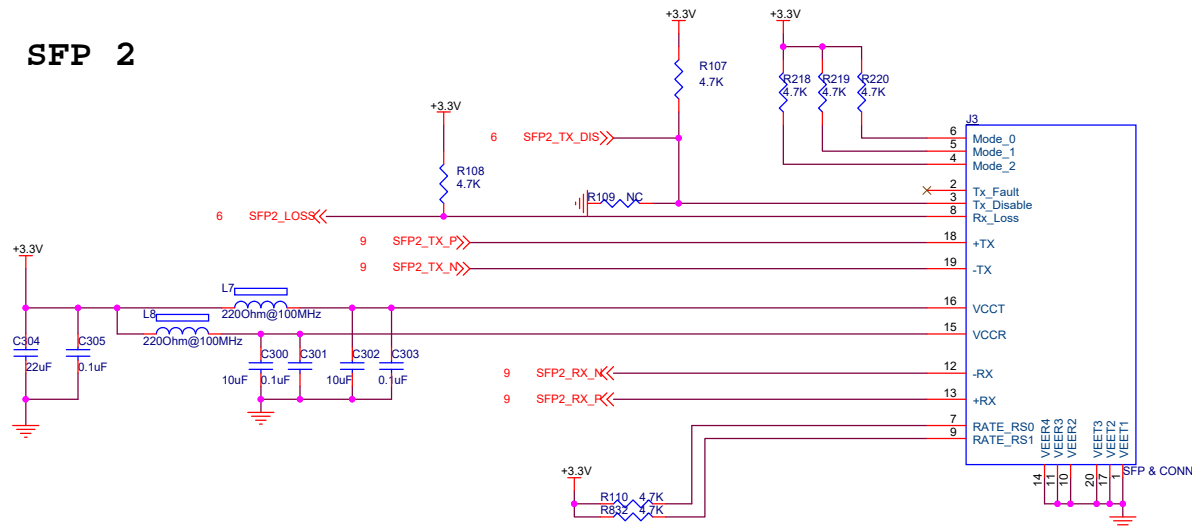




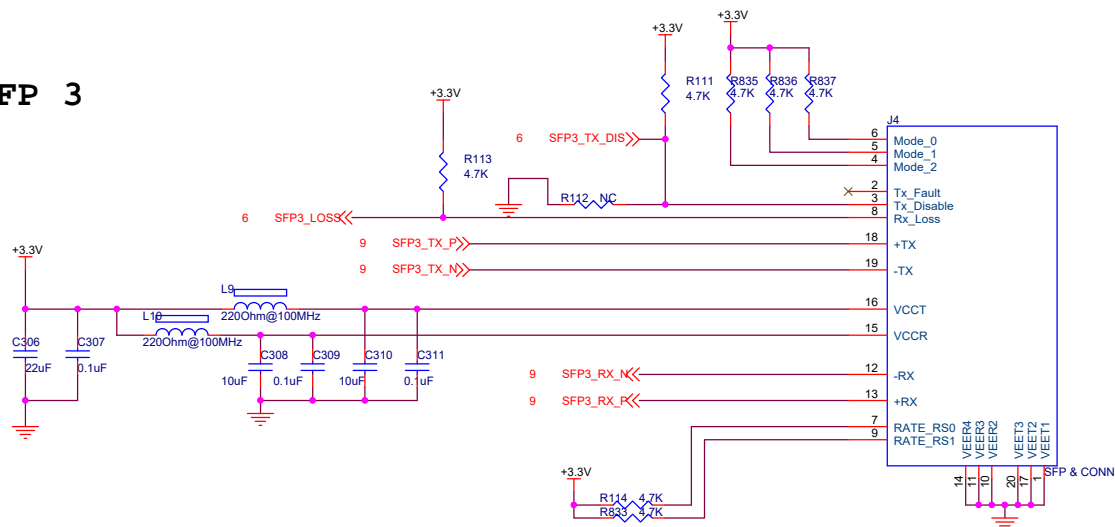
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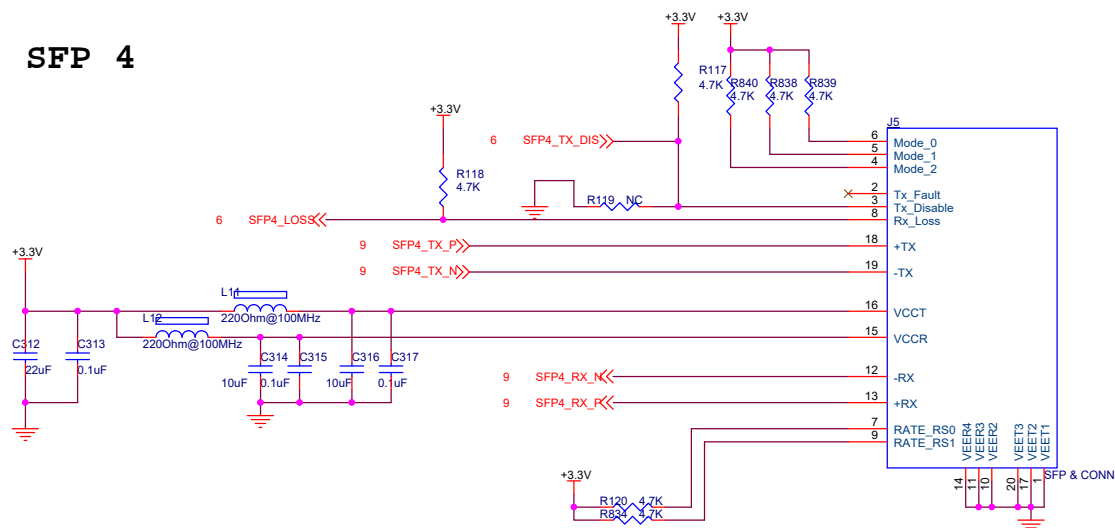
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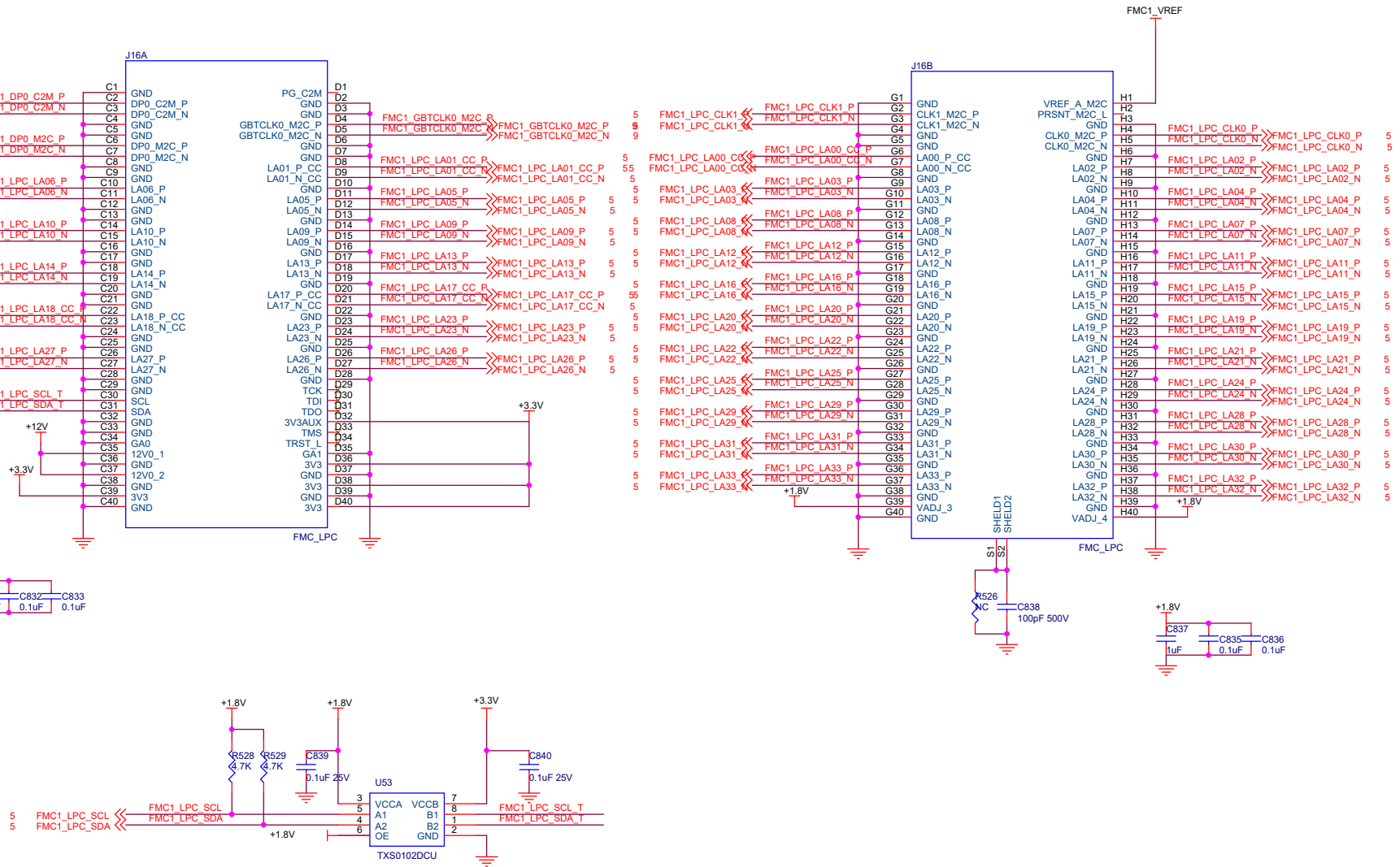


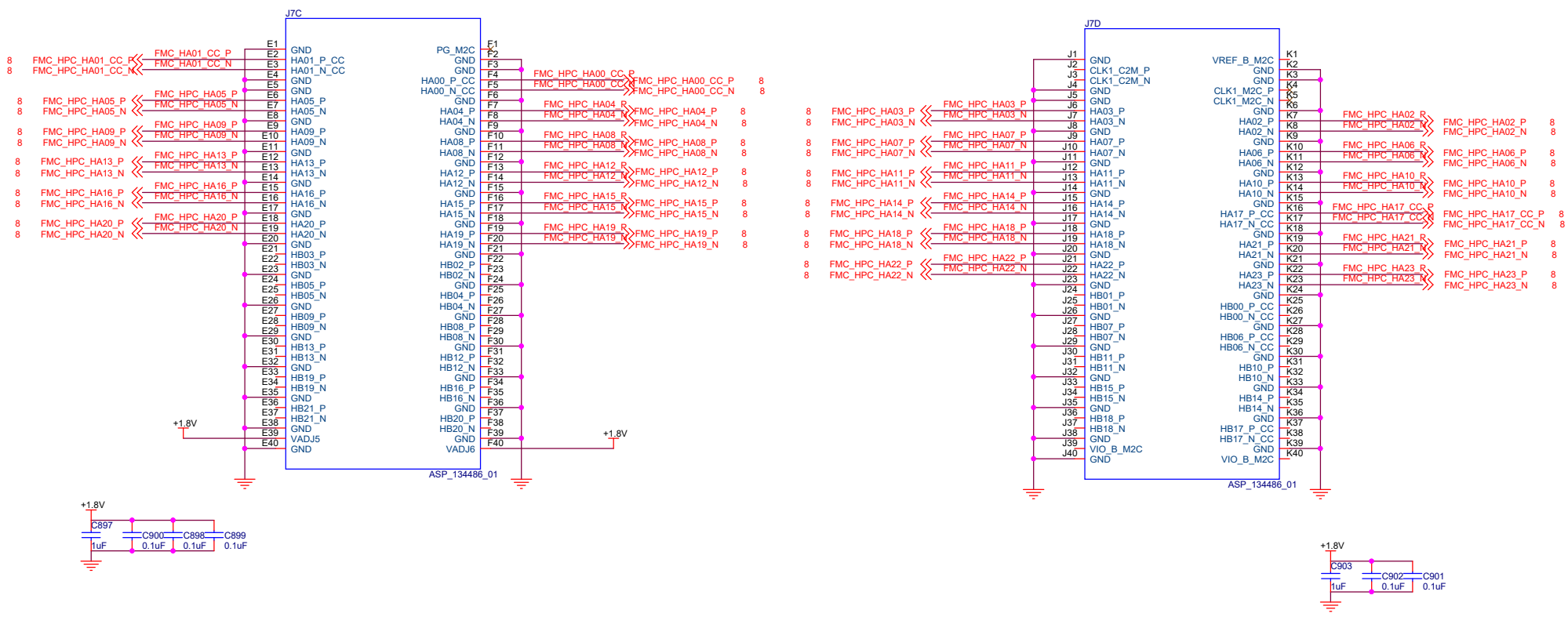
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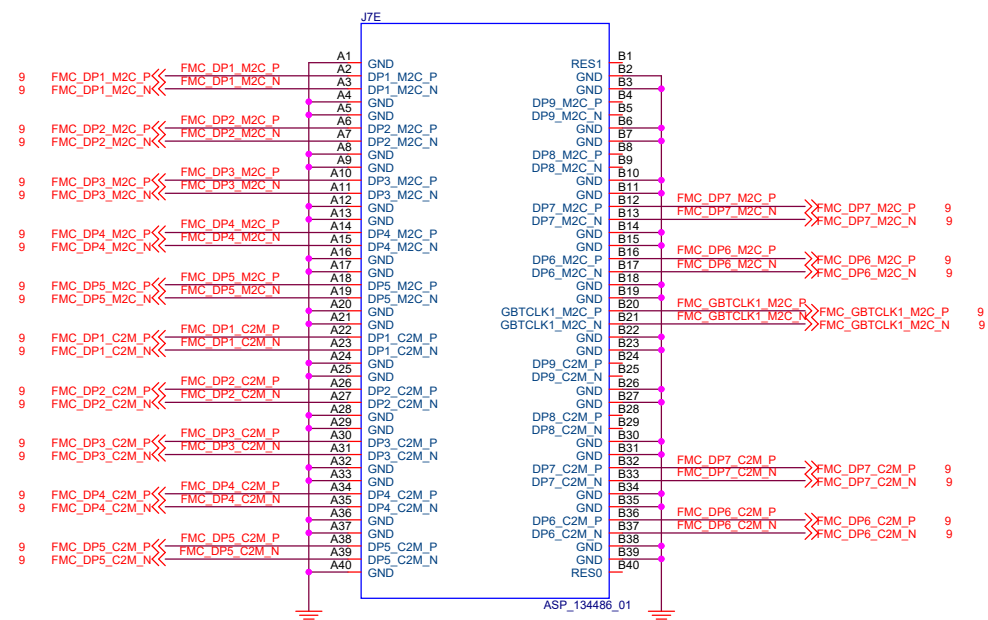


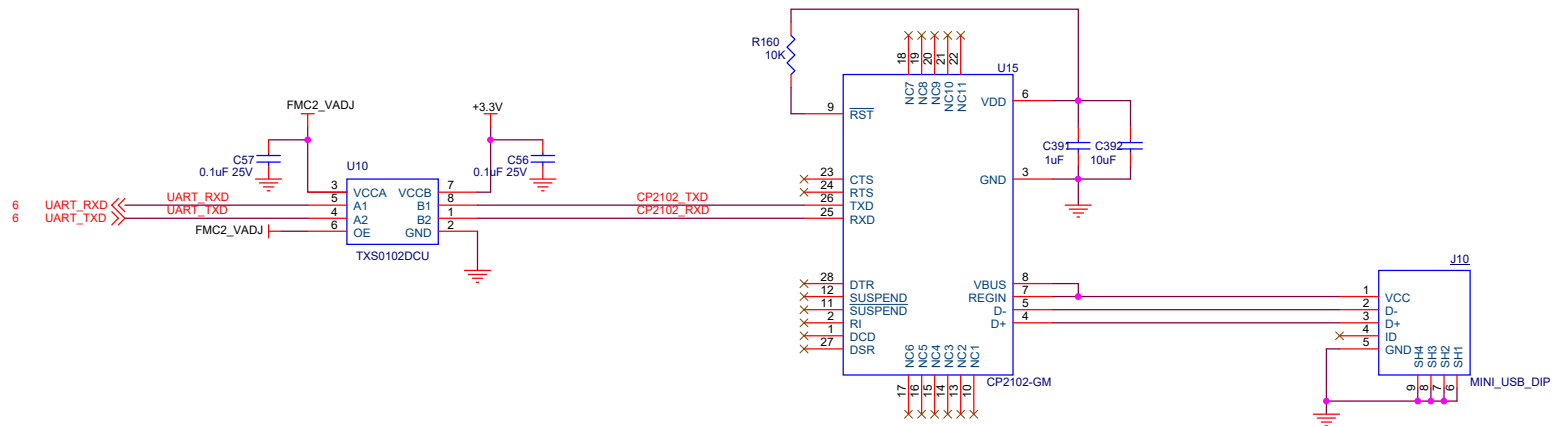
SFP 4



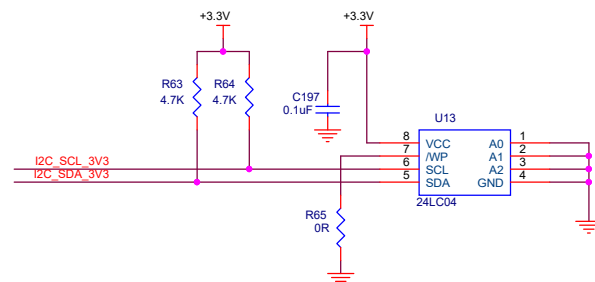
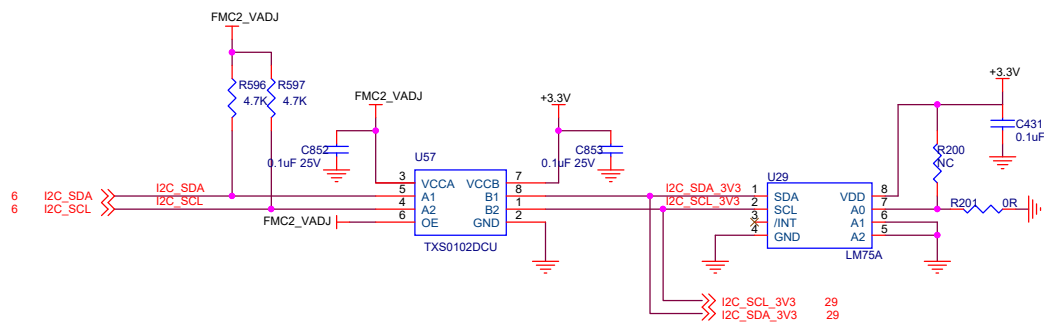
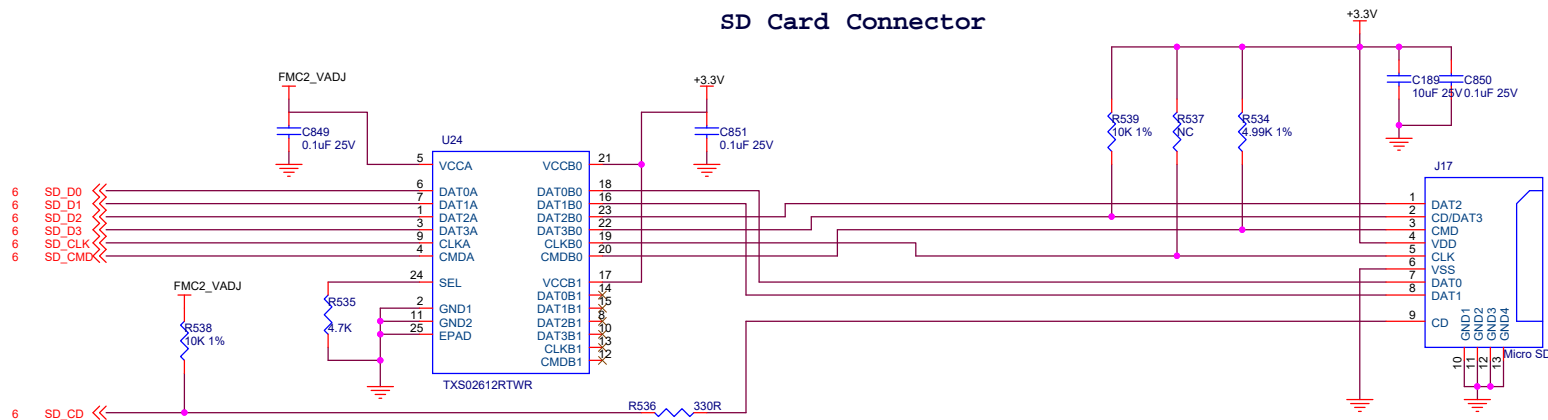




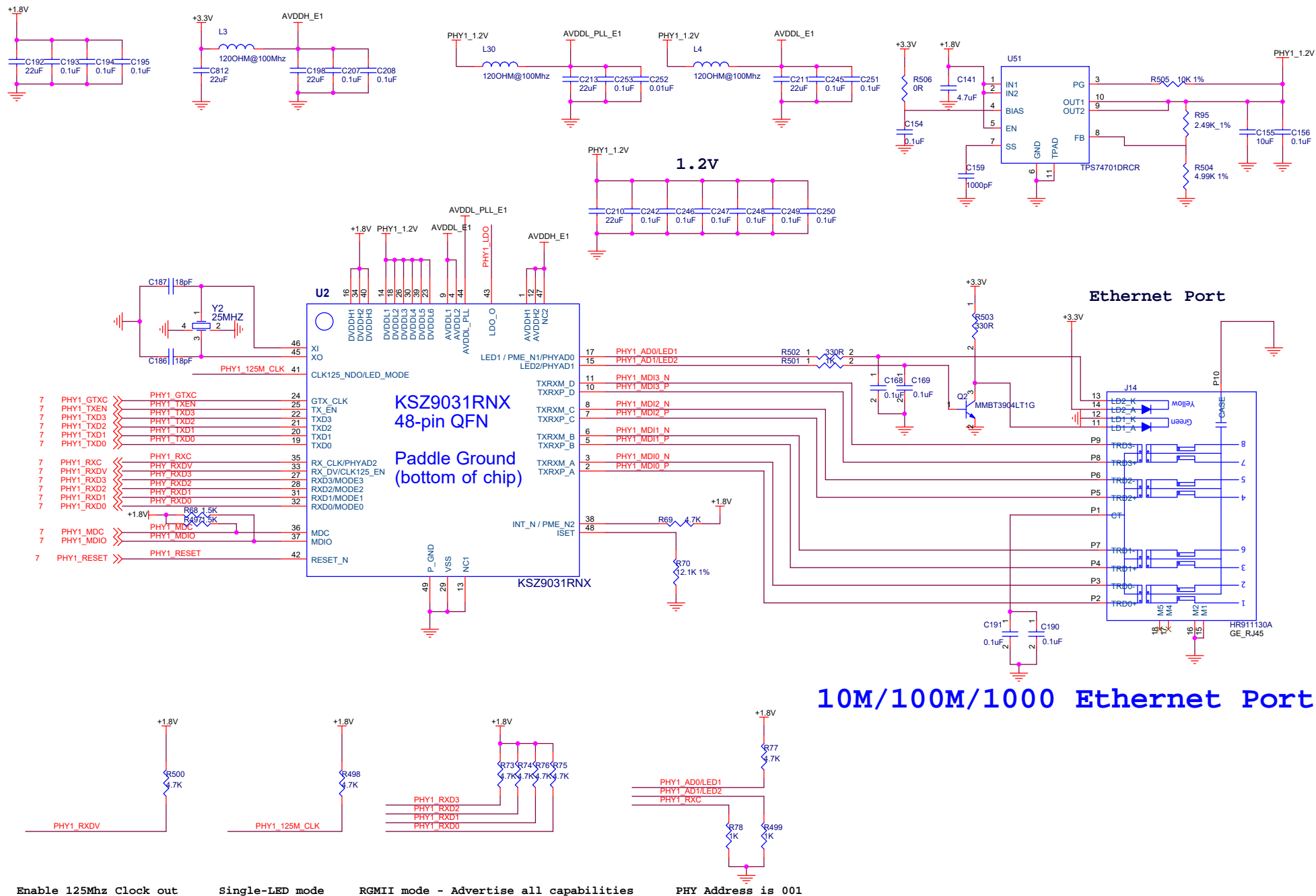




SD Card Connector

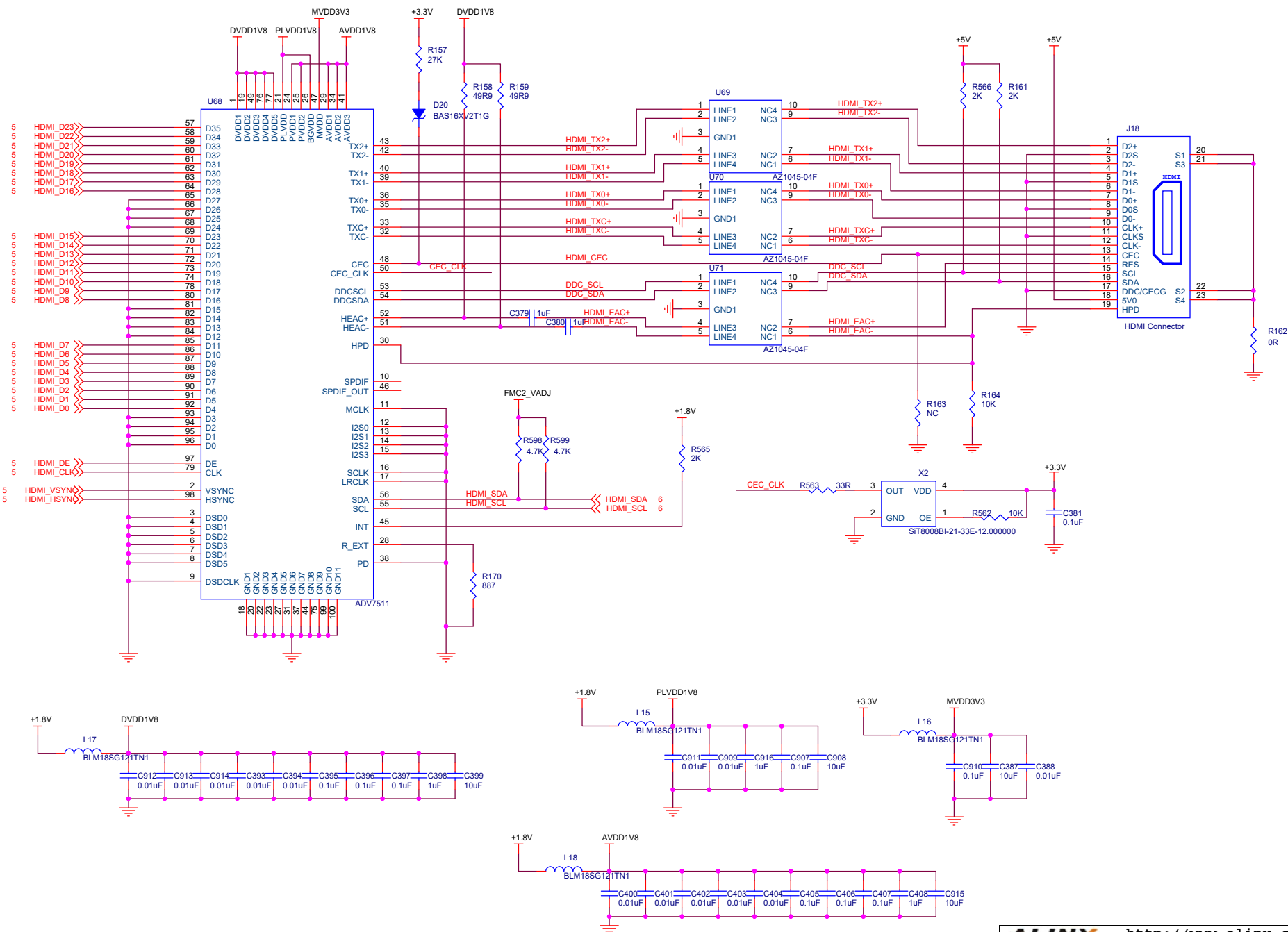


EEPROM

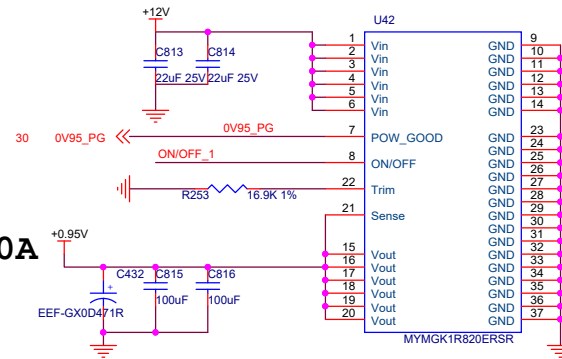




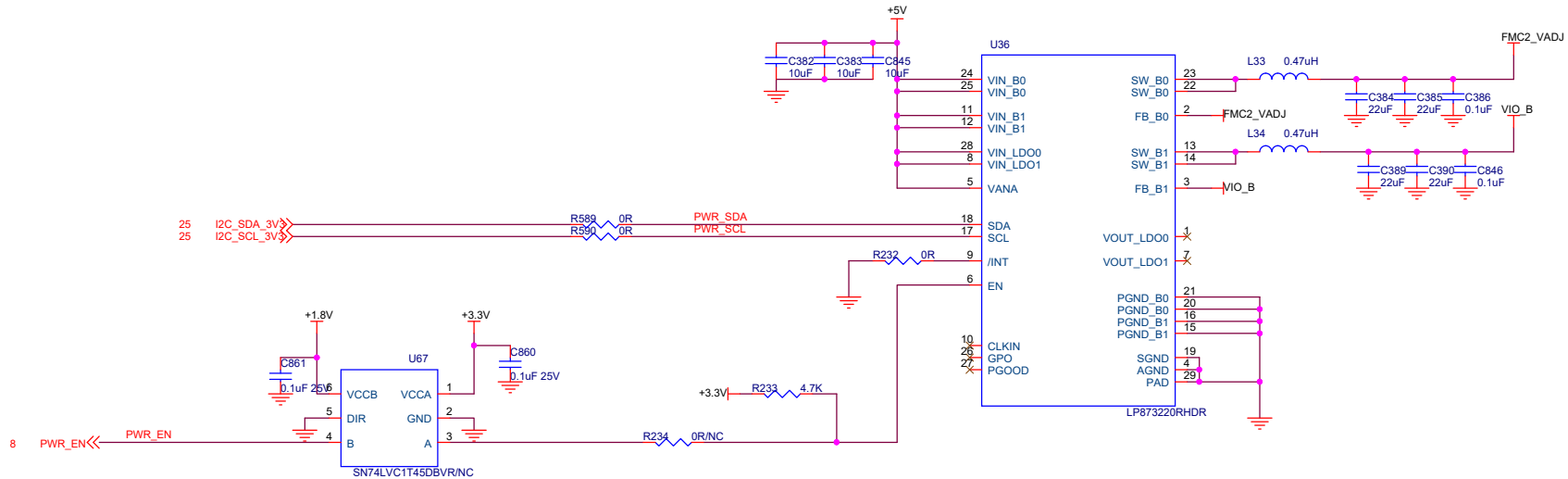
ALINX		http://www.alinx.com	
Title PAGE27 GPHY1			
Size	Document Number AXKU040开发板 Schematics		Rev 1.0
Date:	Wednesday, August 11, 2021	Sheet	27 of 32

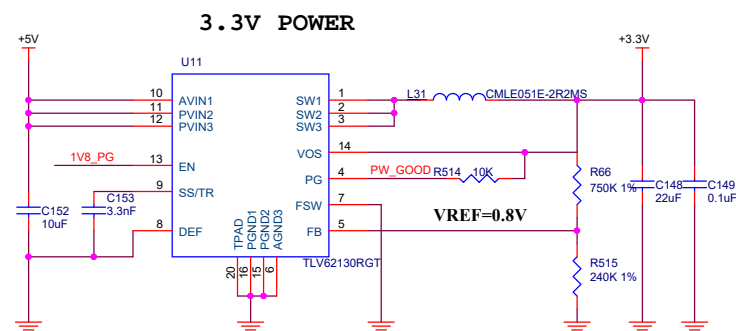
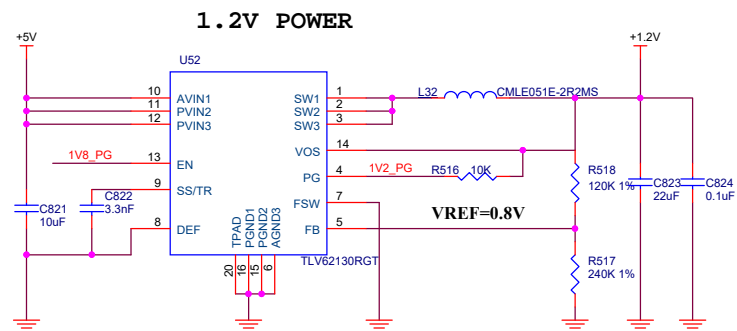
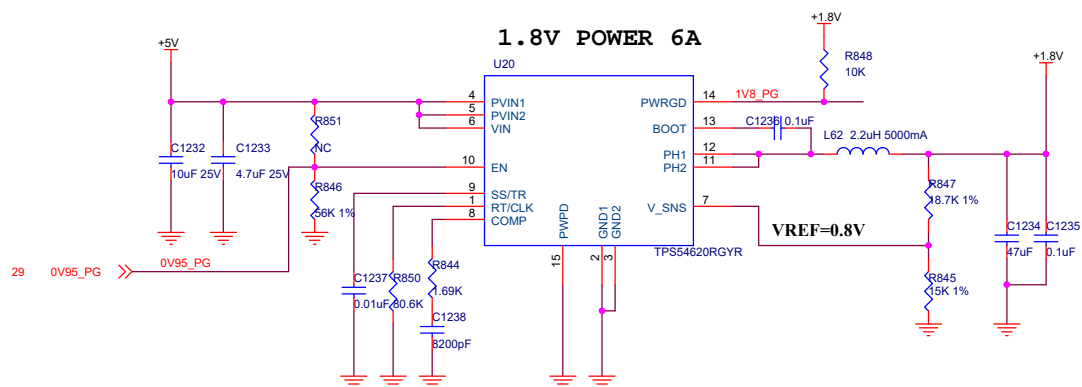
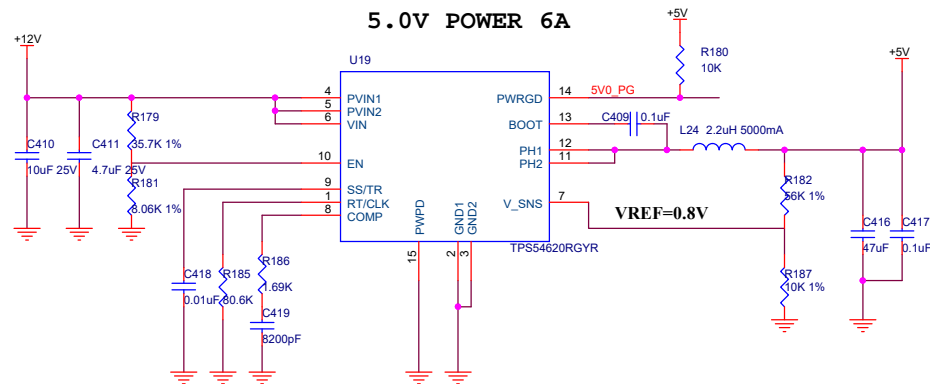


+0.95V 20A

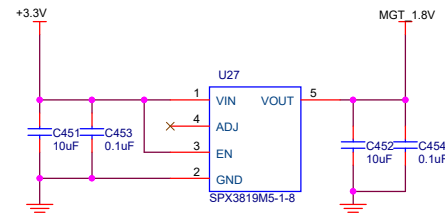
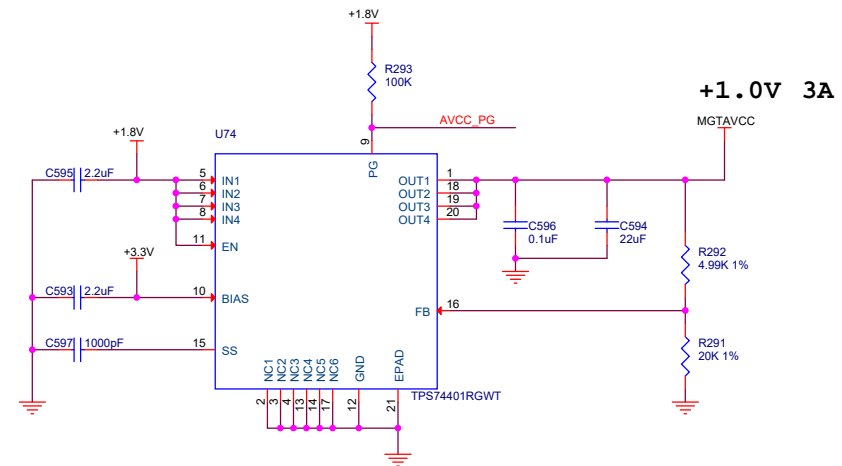
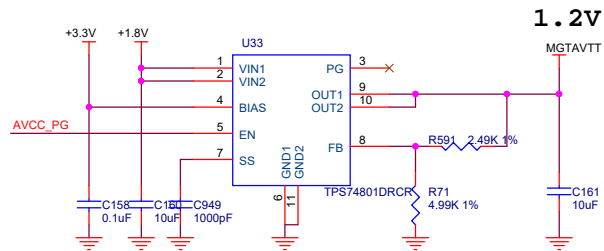


FMC2_VADJ POWER 2A(Default 1.8V)

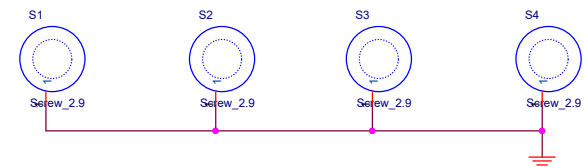
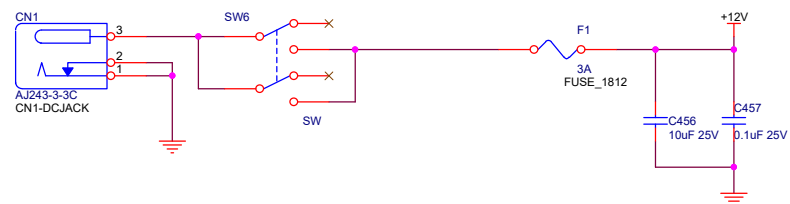




$$V_{out} = 0.8 \times (1 + R1/R2)$$



12V/3A AC Adapter



FAN

