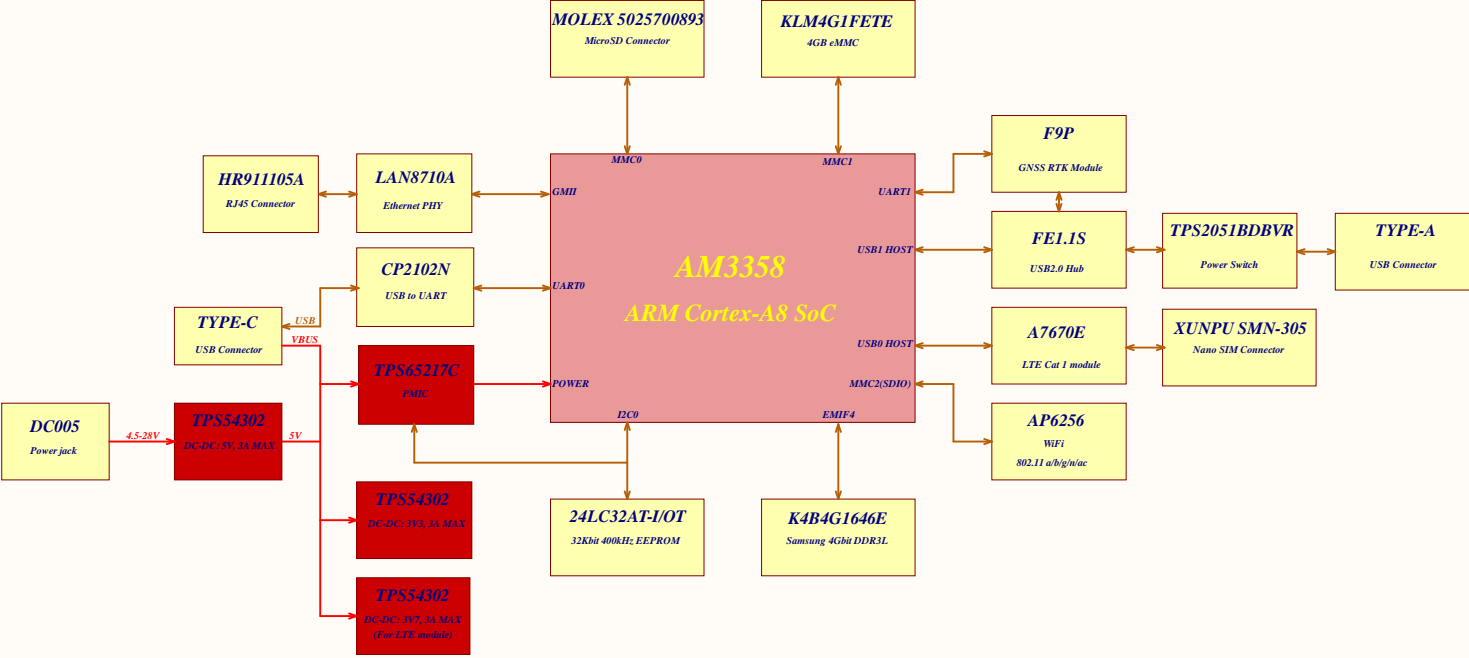
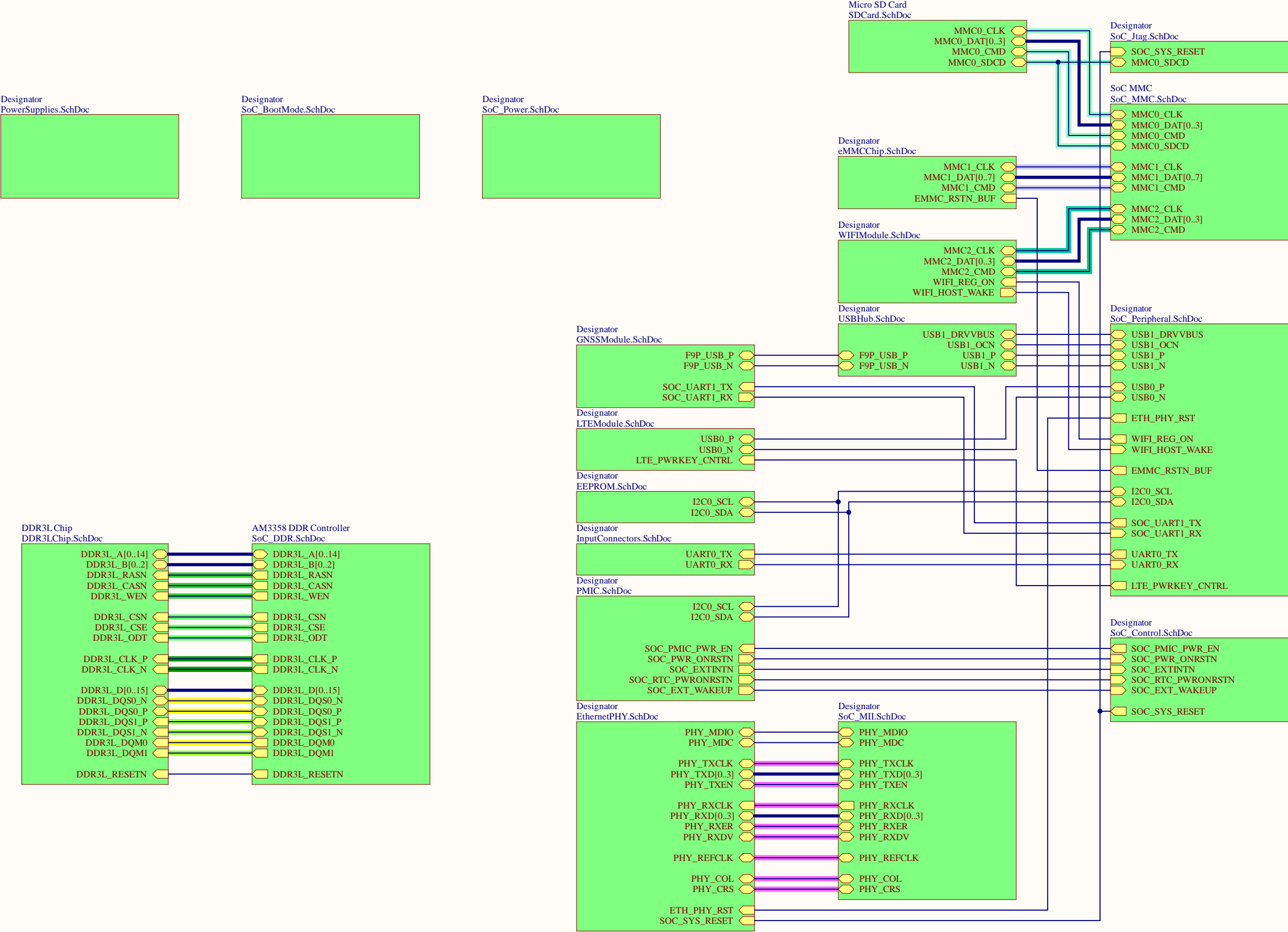


RockRTK Board Block Diagram



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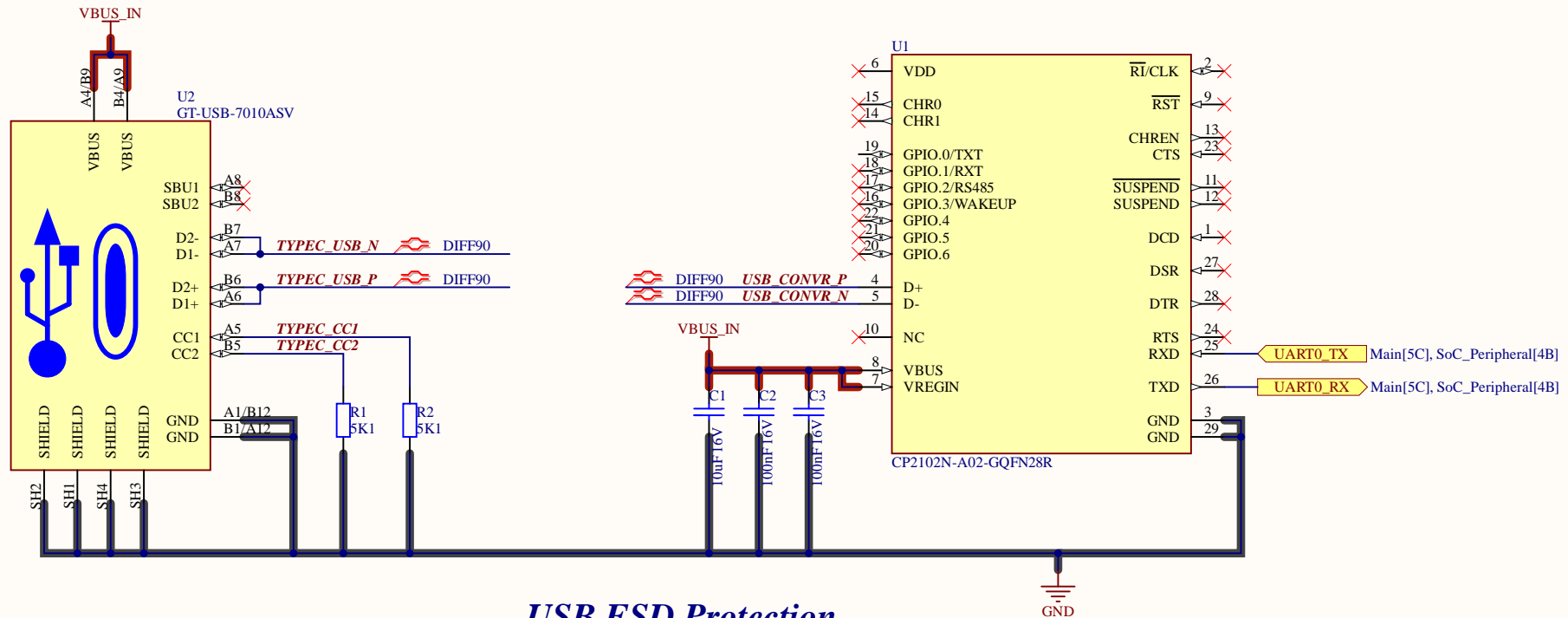
Main Page



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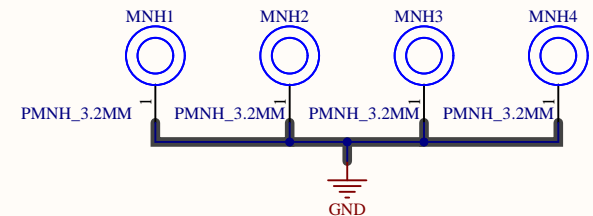
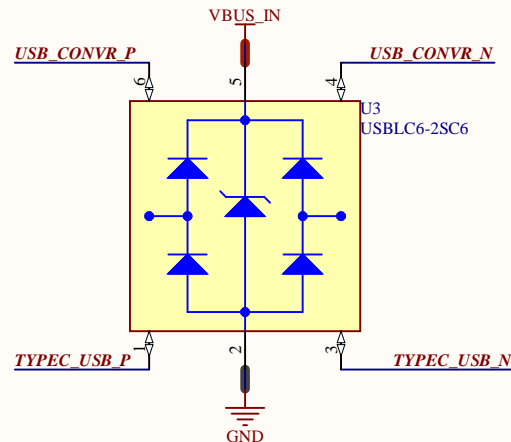
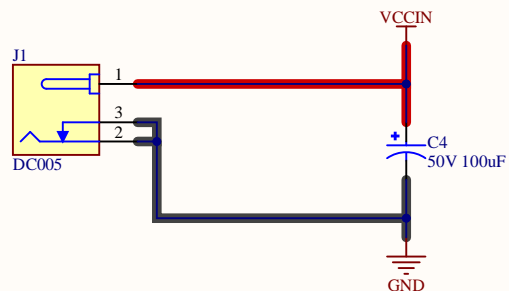
Input Connectors

Type-C Conenctor and USB-UART Convector



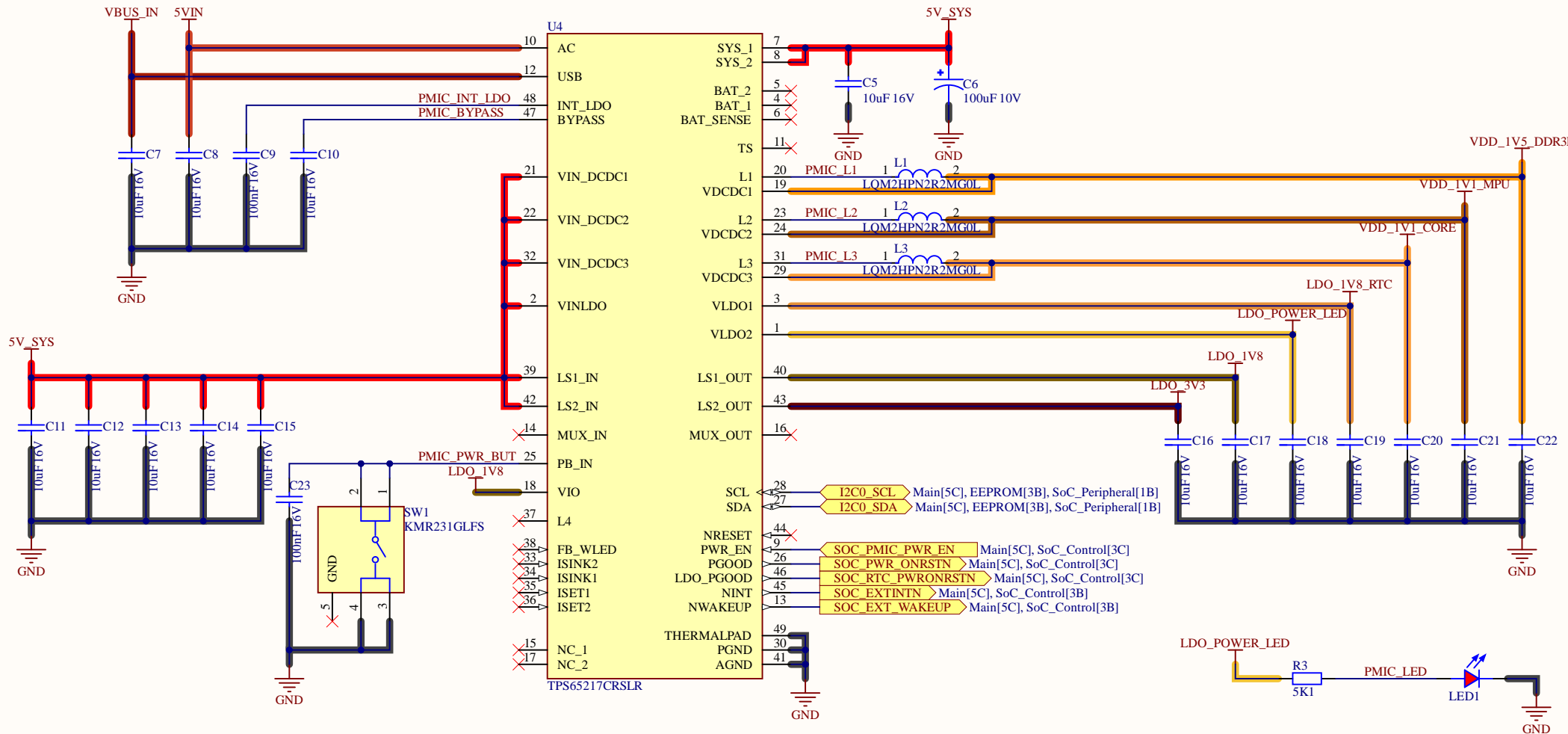
USB ESD Protection

DC005 Power Input



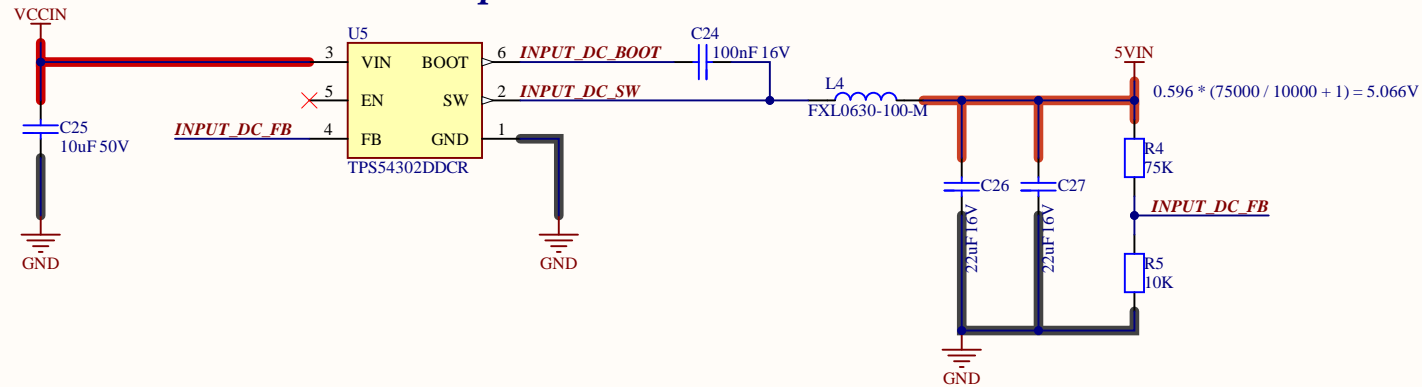
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Power Management IC Circuit

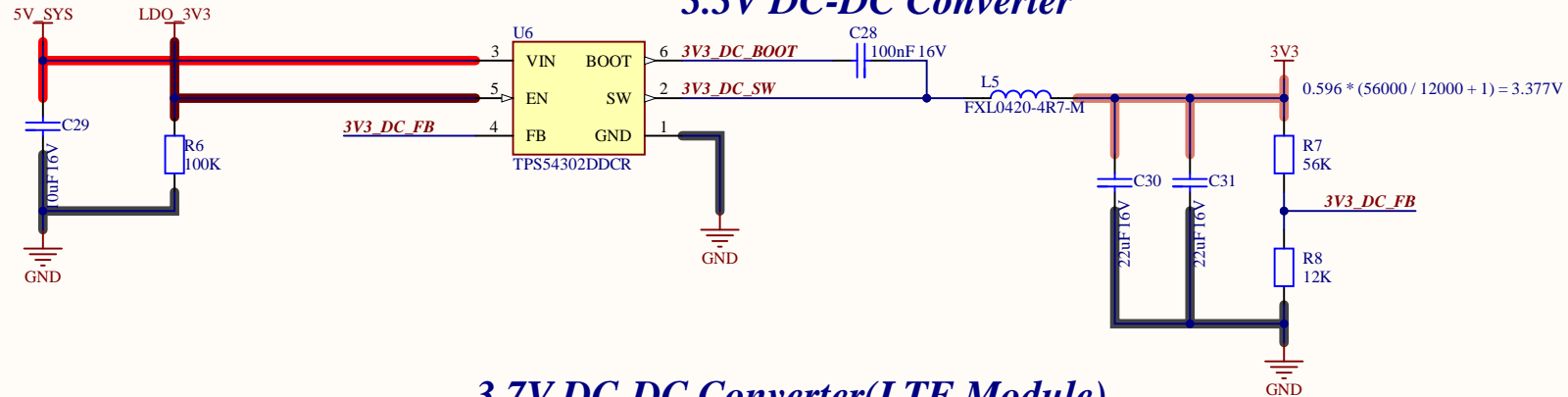


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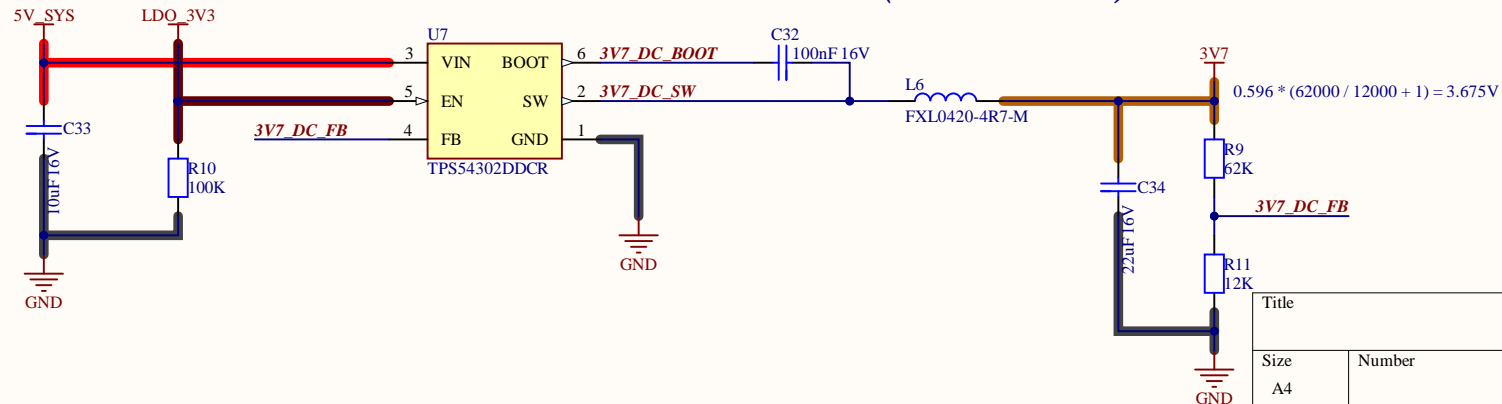
Input DC-DC Converter



3.3V DC-DC Converter

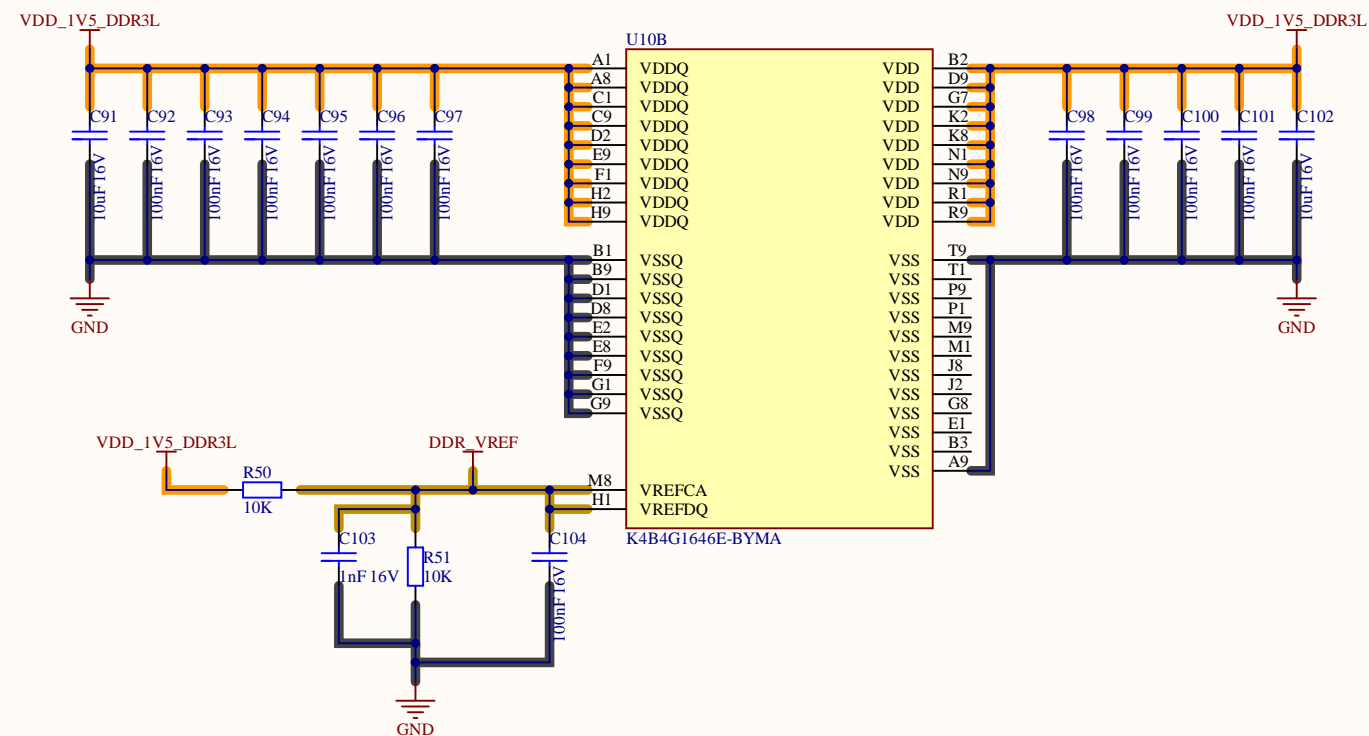
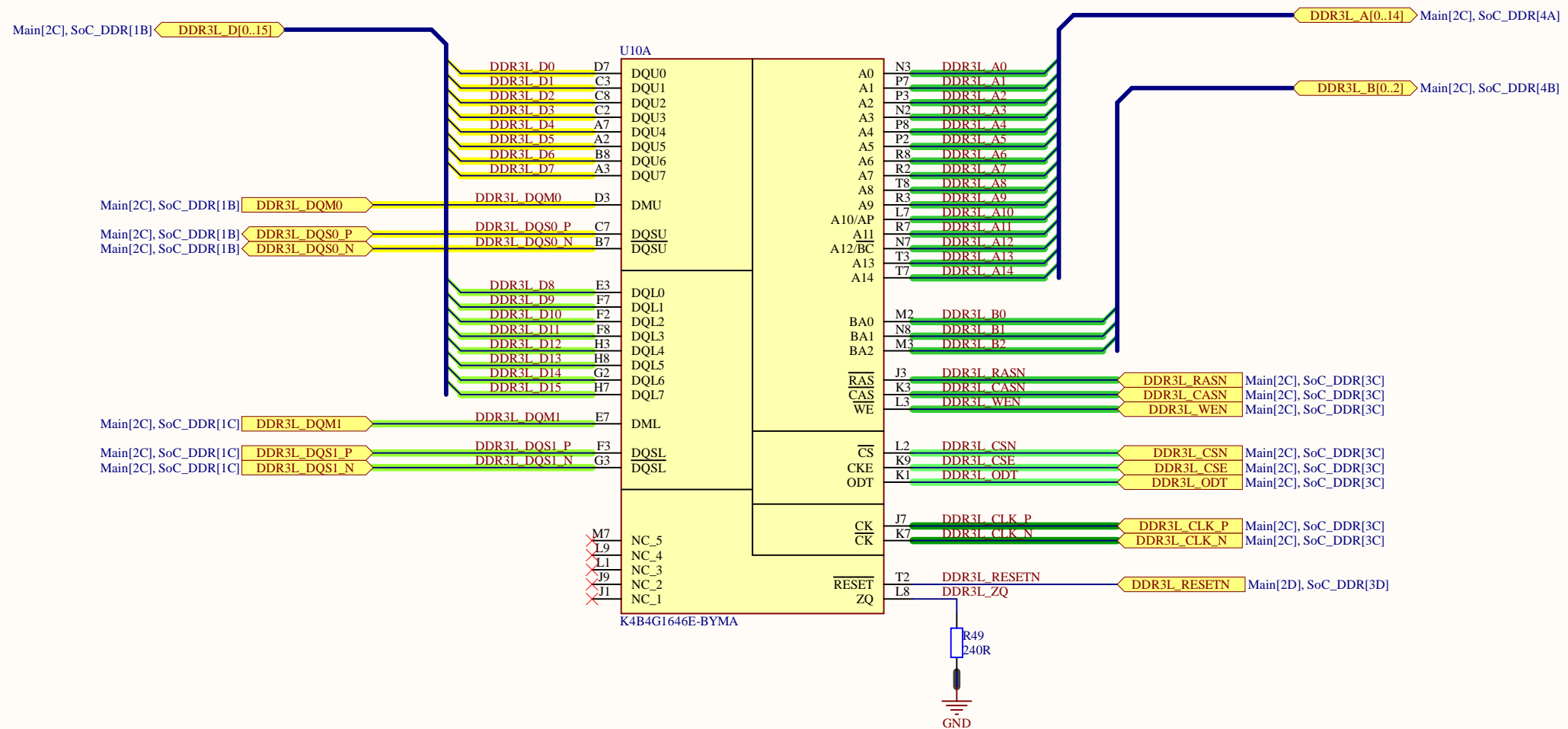


3.7V DC-DC Converter(LTE Module)



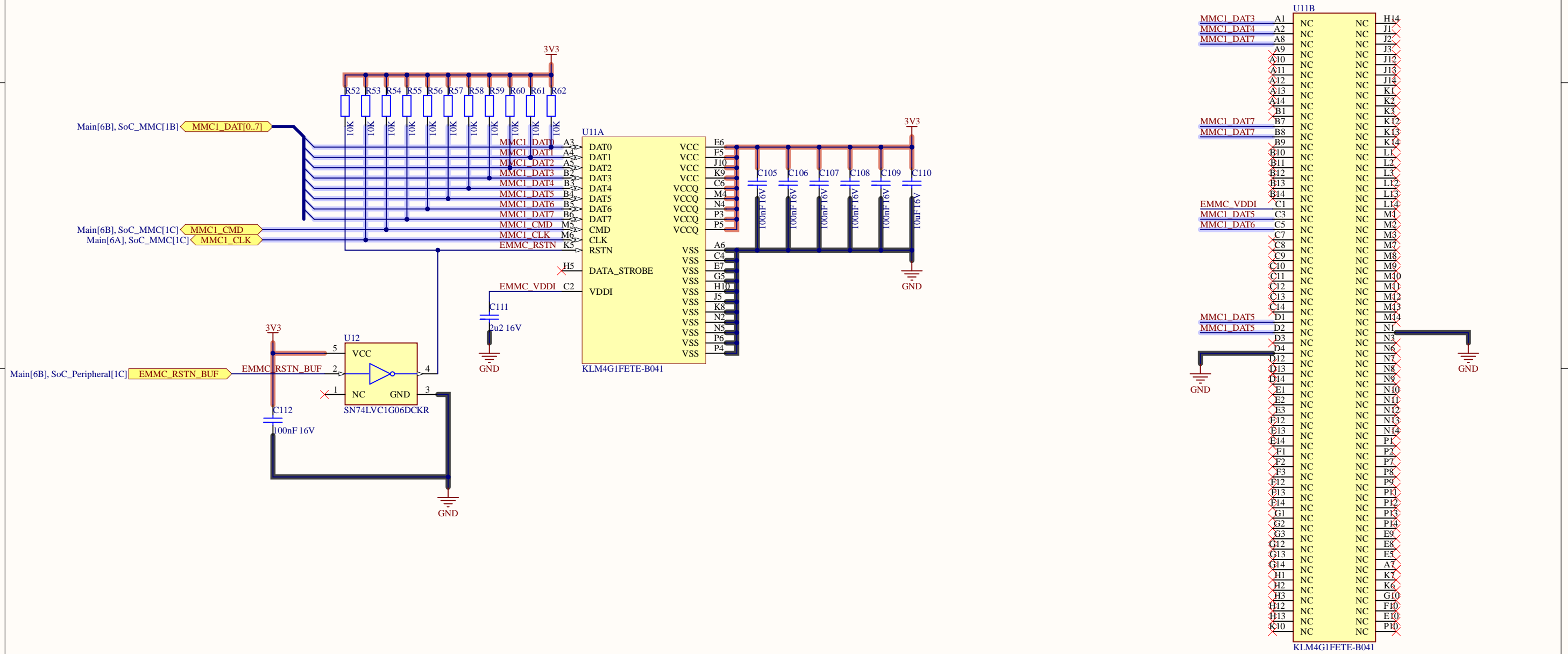
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K4B4G1646E-BYMA DDR3L Chip



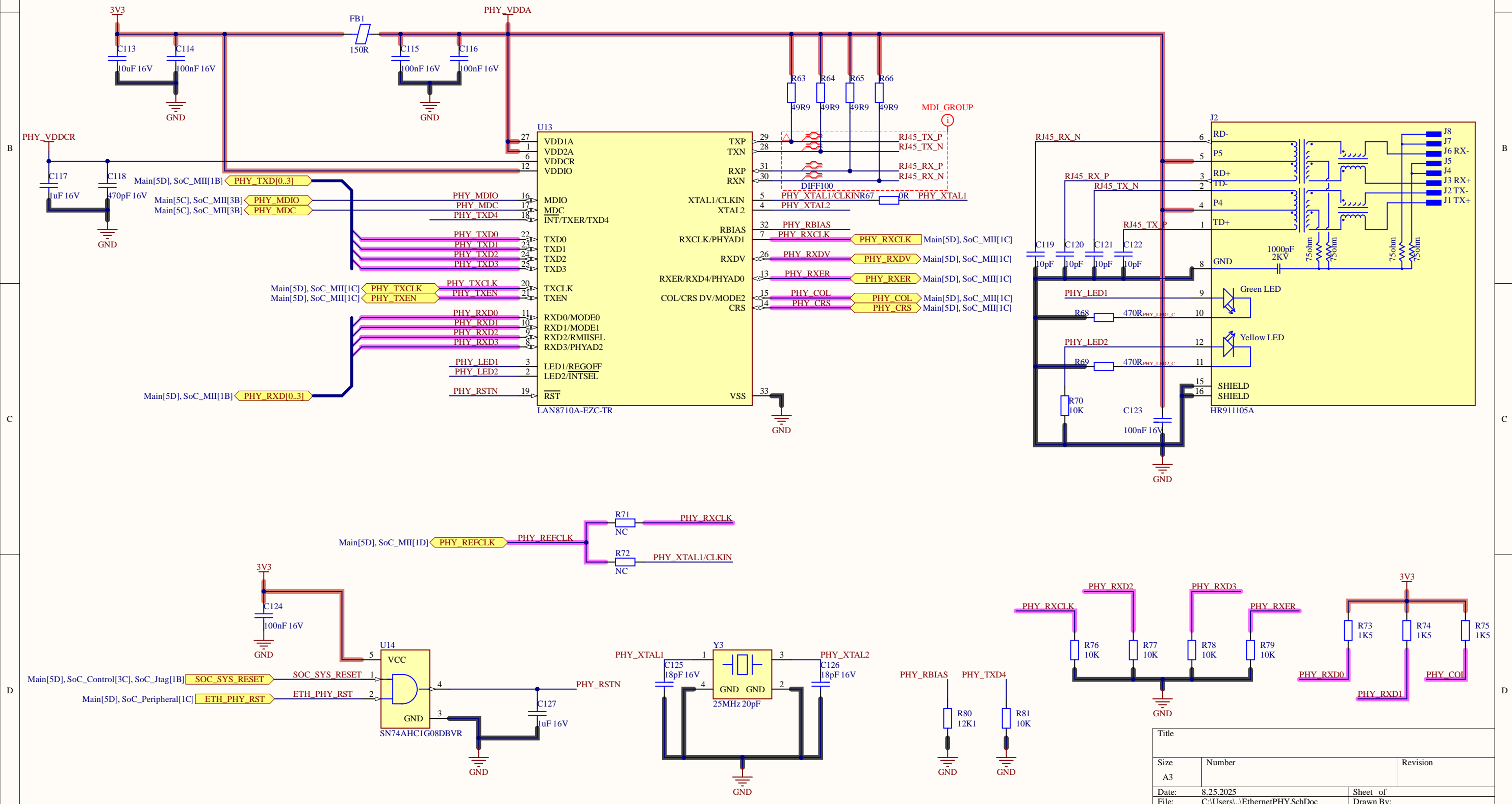
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KLM4G1FETE-B041 eMMC Chip



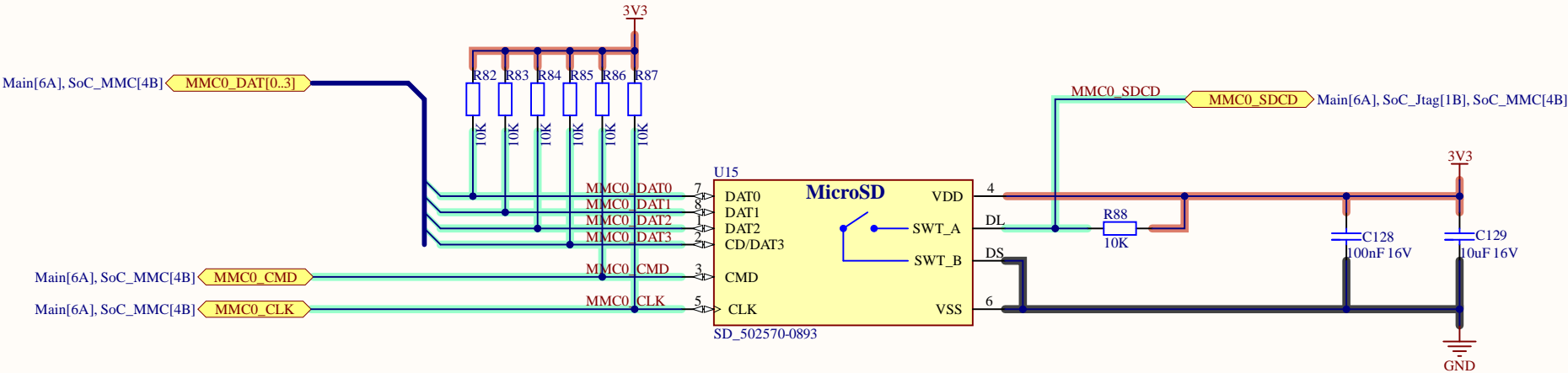
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LAN8710A Ethernet Transceiver



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Micro SD Card

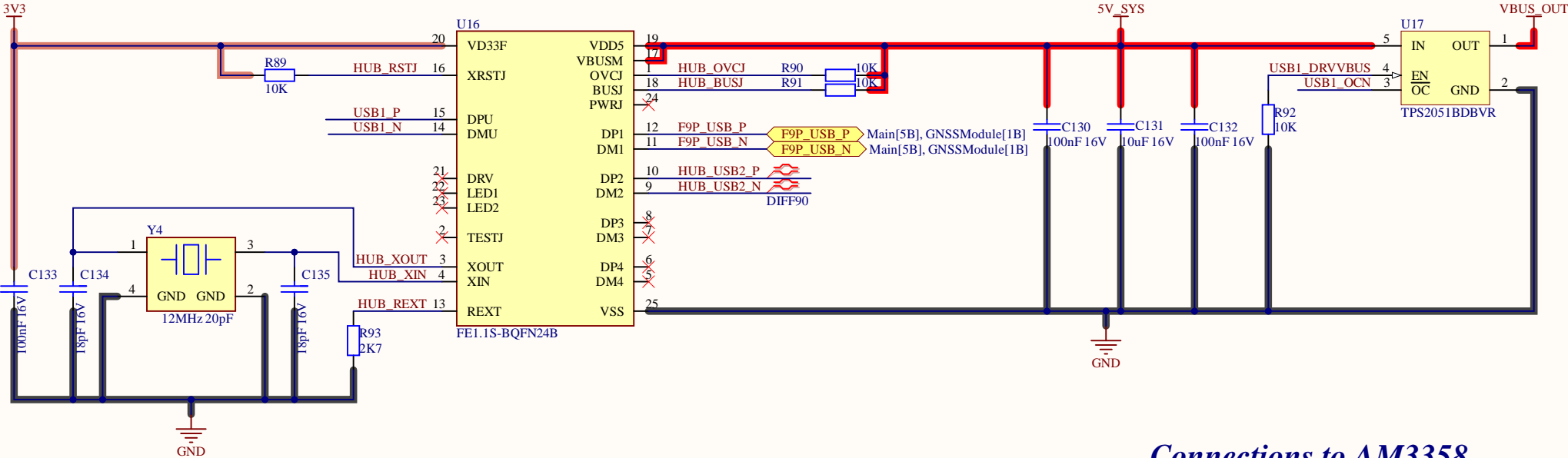


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USB Hub & TYPE-A Connector

USB Hub

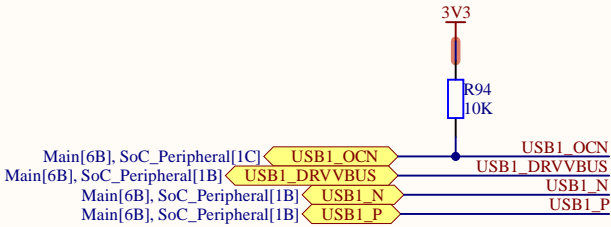
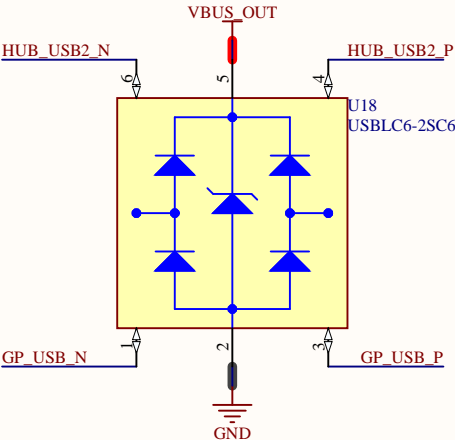
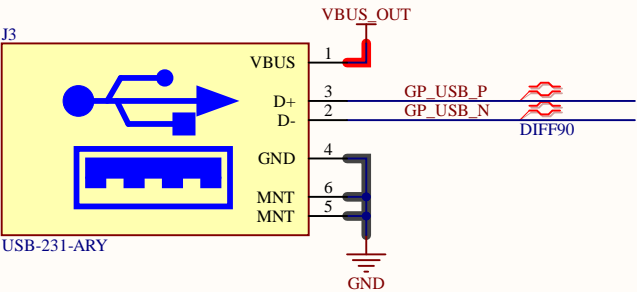
Power-distribution switch



ESD Protection

Connections to AM3358

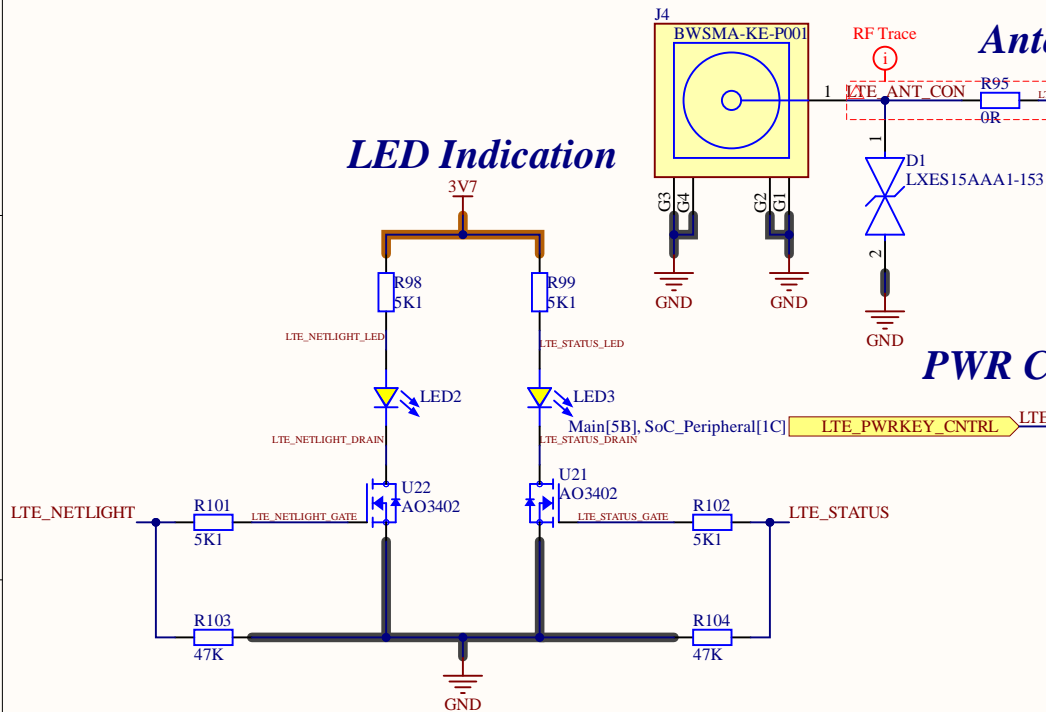
Type-A Connector



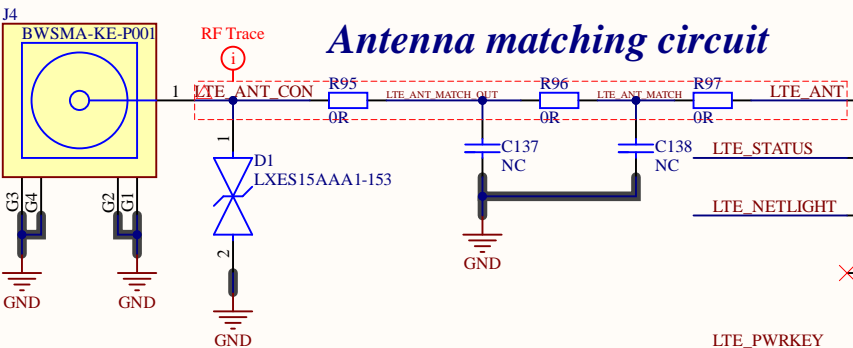
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LTE 4G A7670E Module

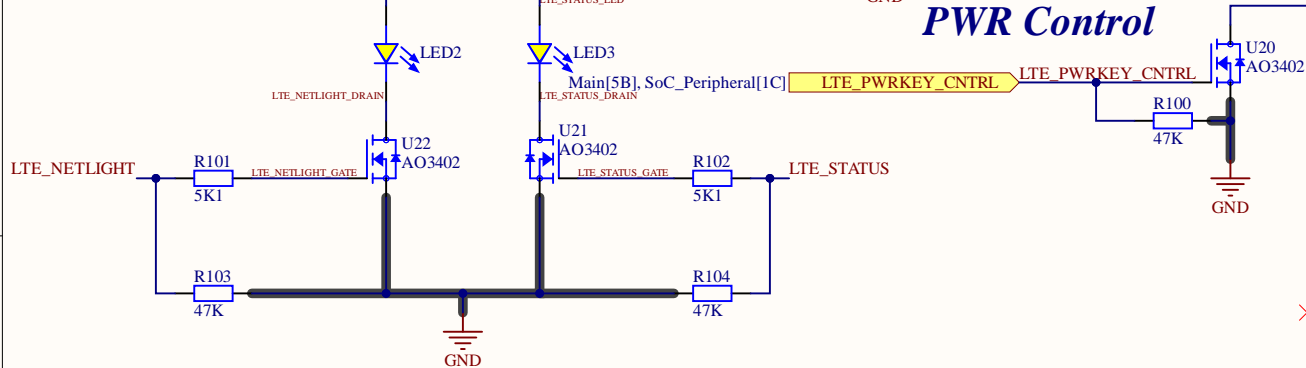
LED Indication



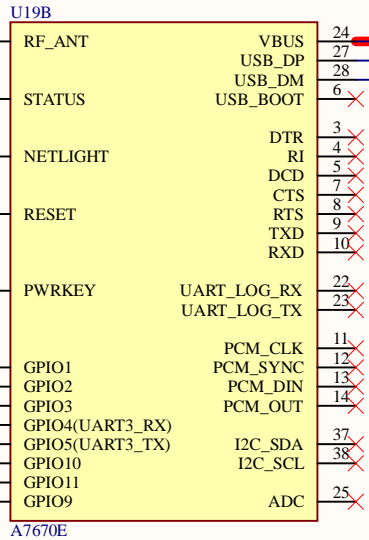
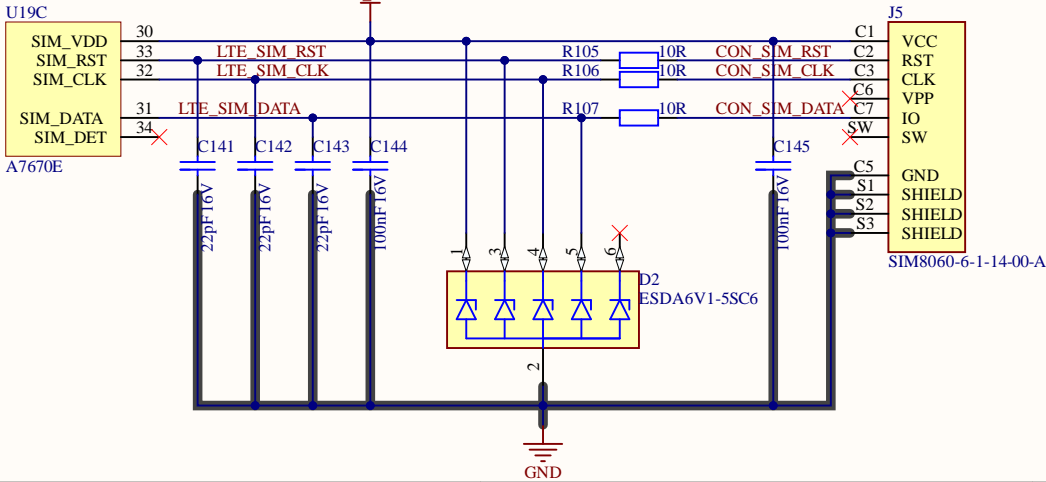
Antenna matching circuit



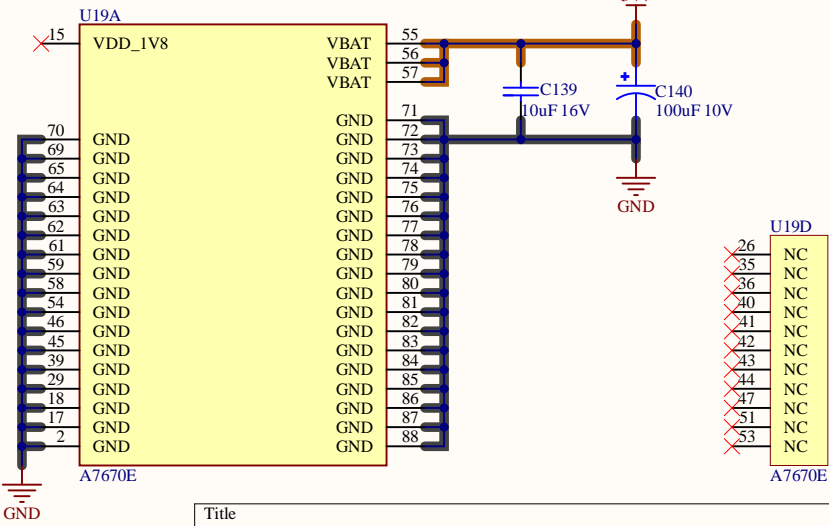
PWR Control



ESD Protection

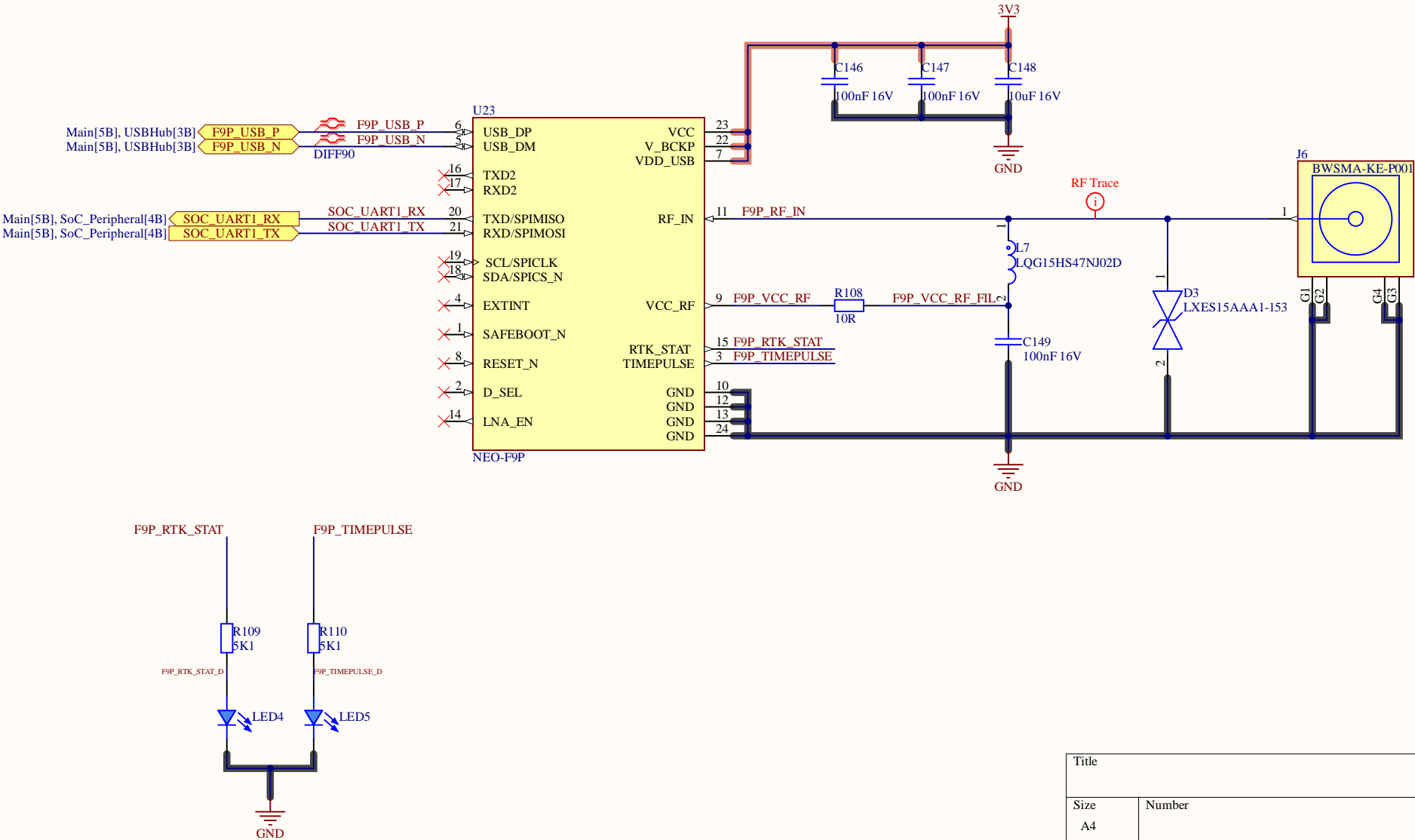


Input Power



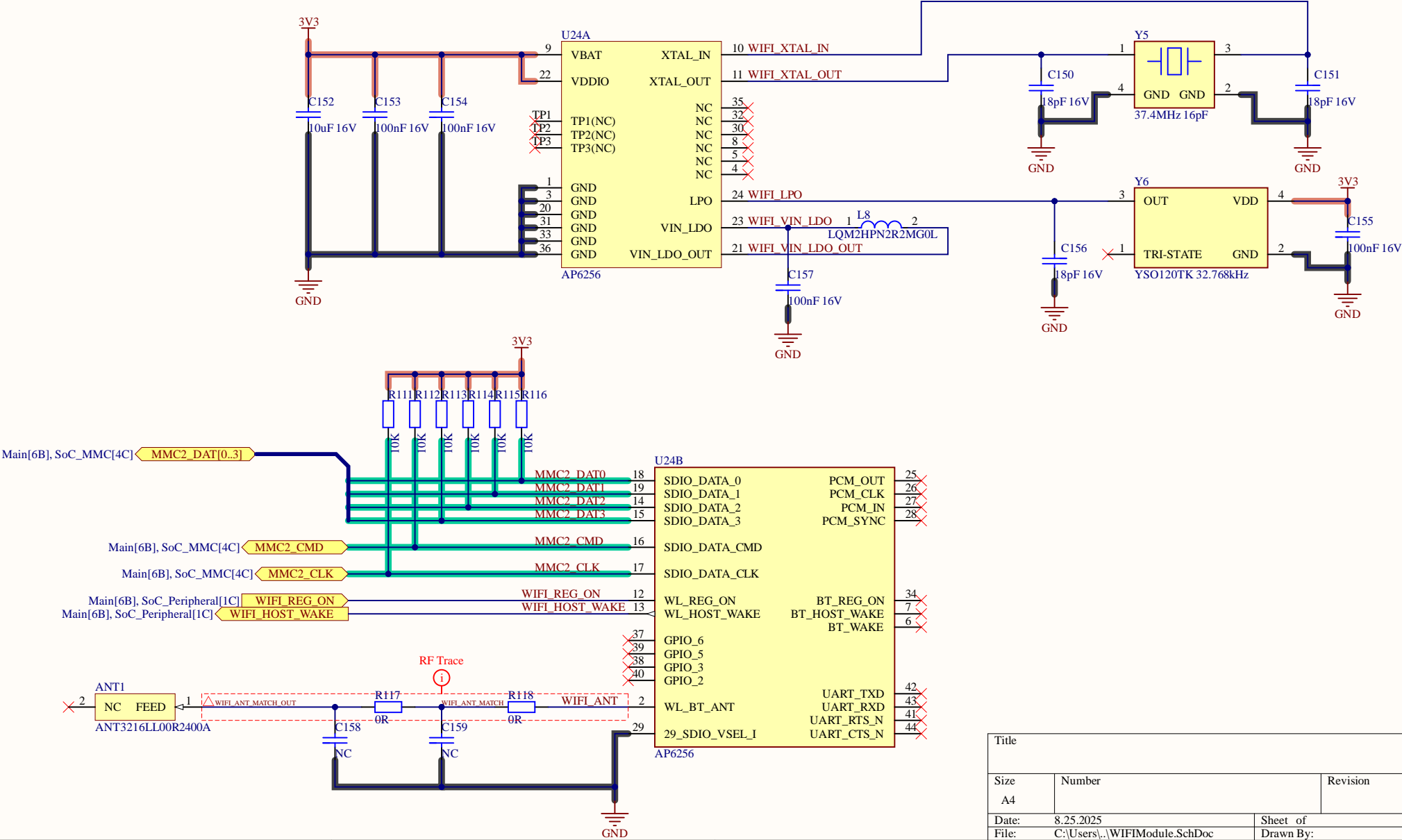
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GNSS NEO-F9P Module



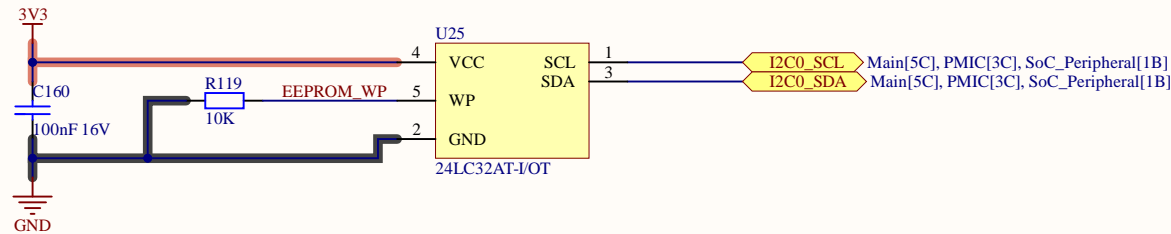
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AP6256 WiFi Module



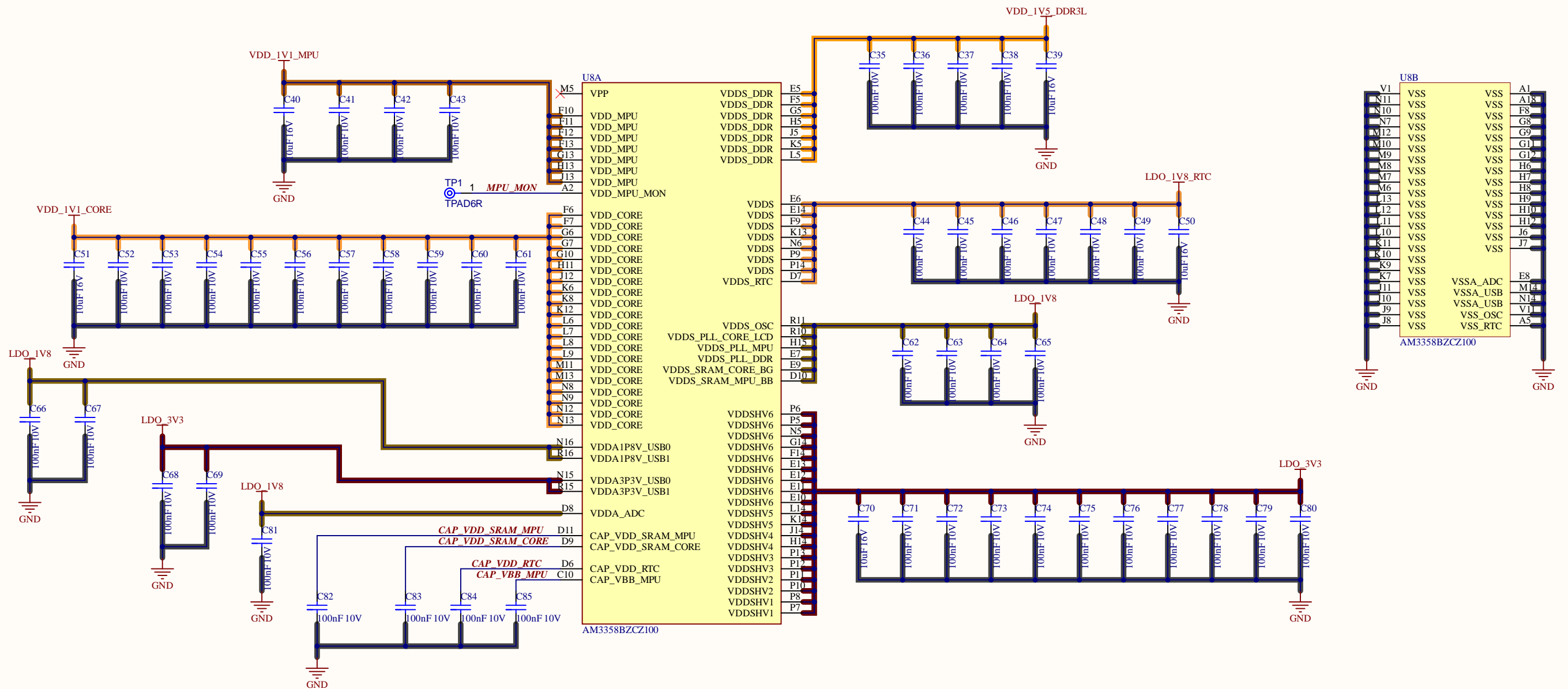
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24LC32AT-I/OT EEPROM Chip



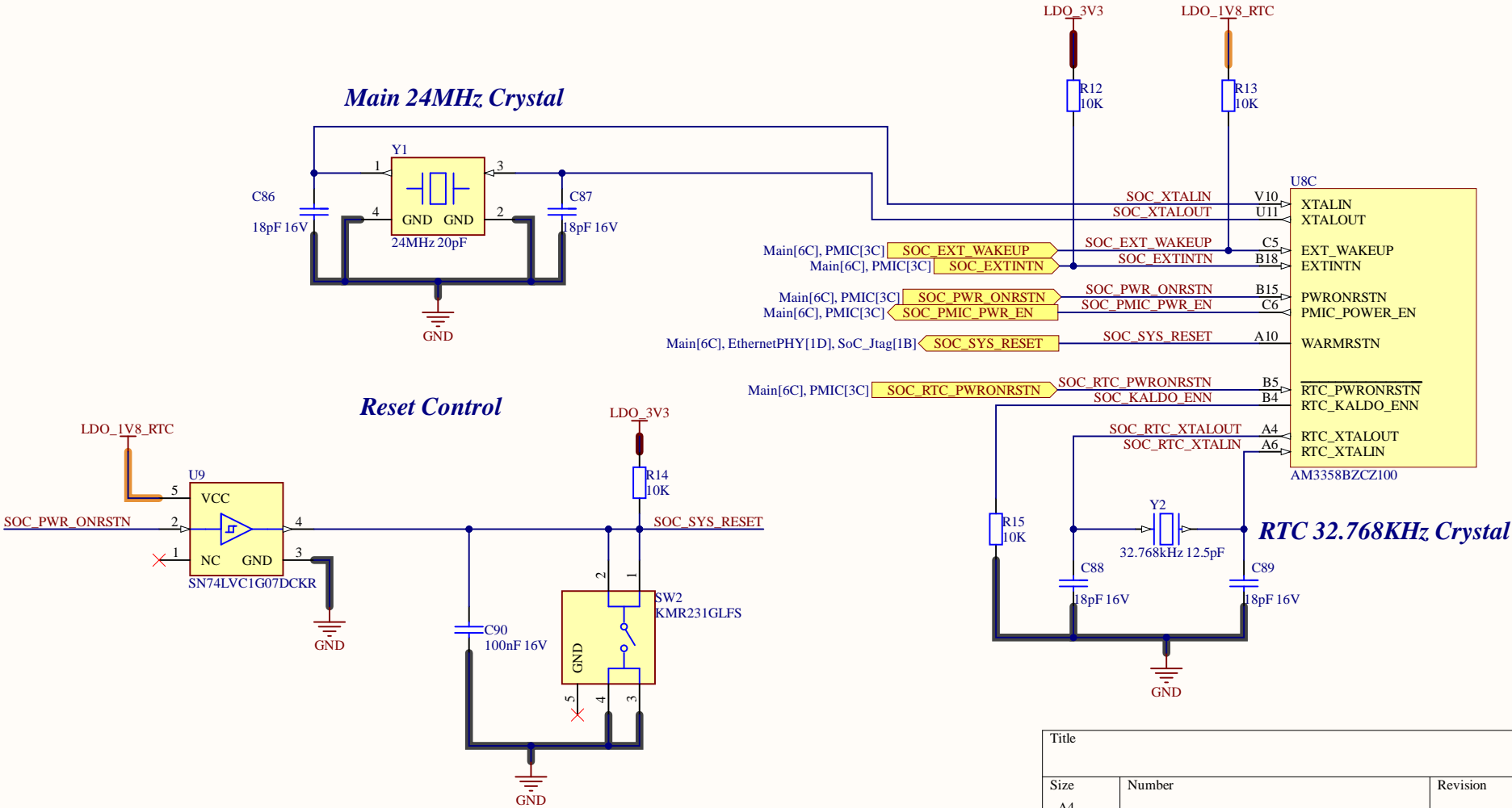
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AM3358 Power Rails



Title		
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AM3358 Control Signals

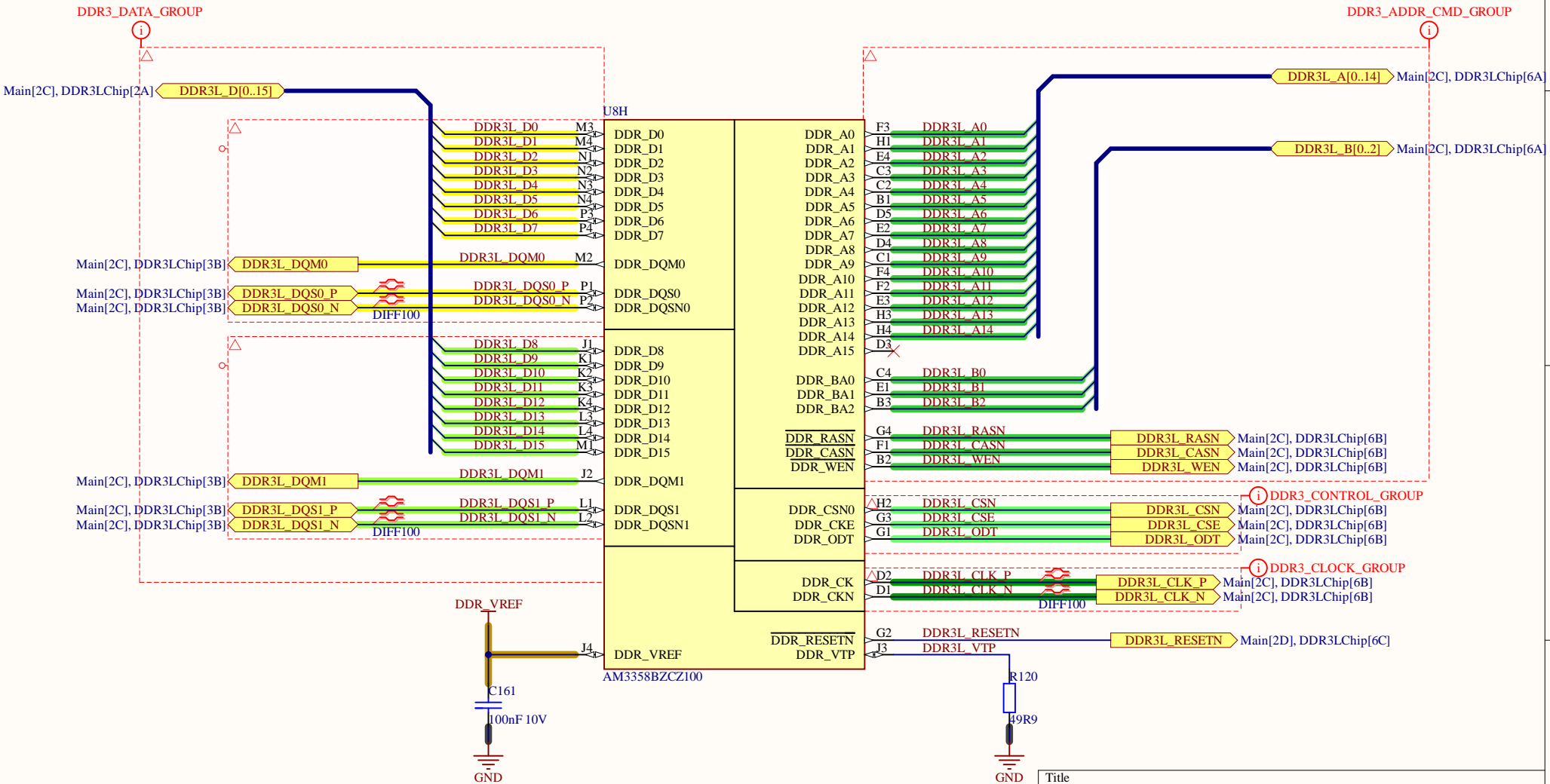


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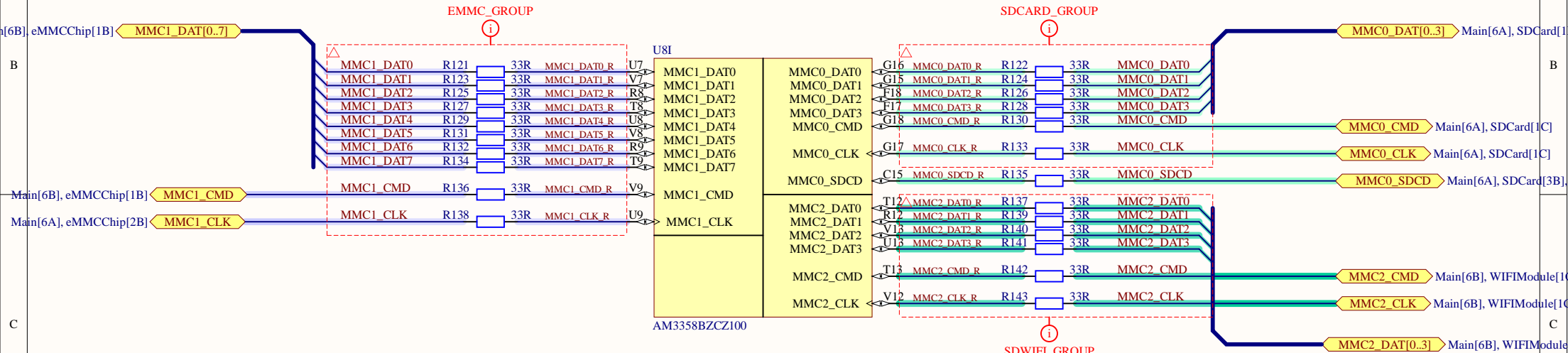
CD

AM3358 DDR Controller



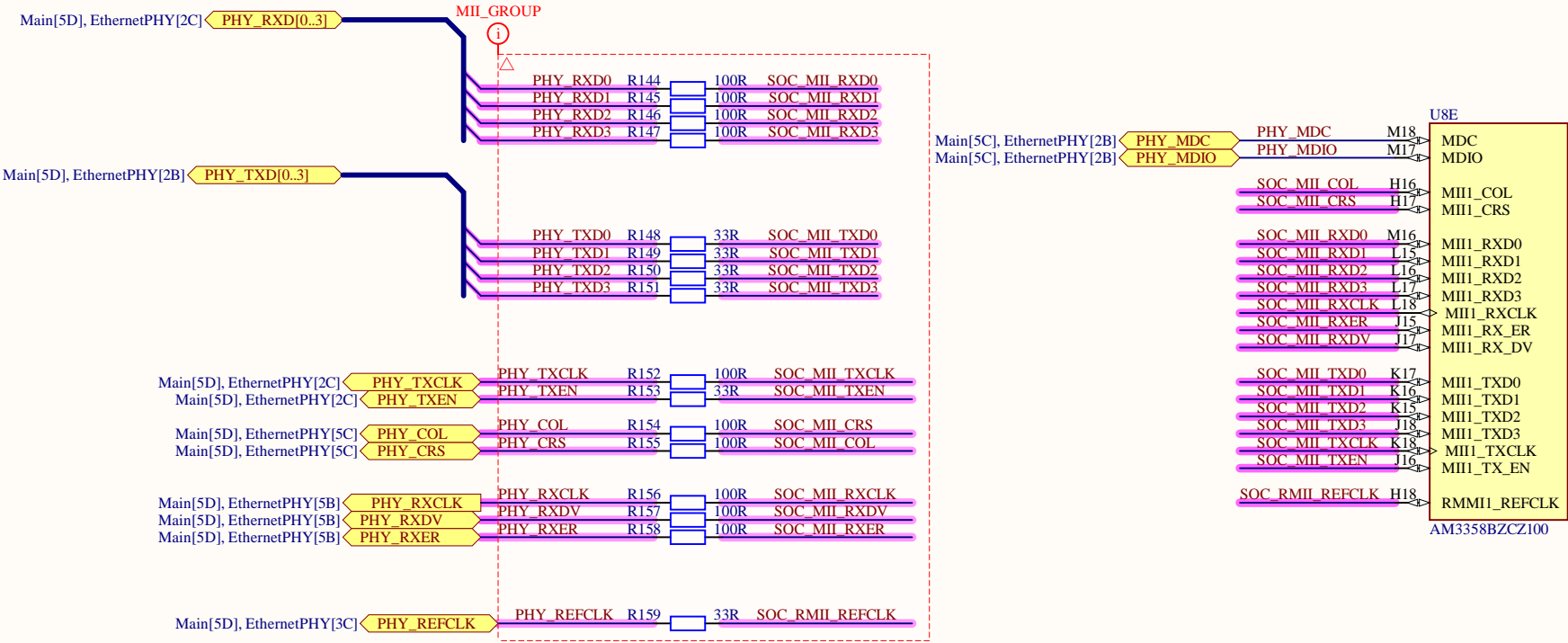
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AM3358 Multimedia card interface



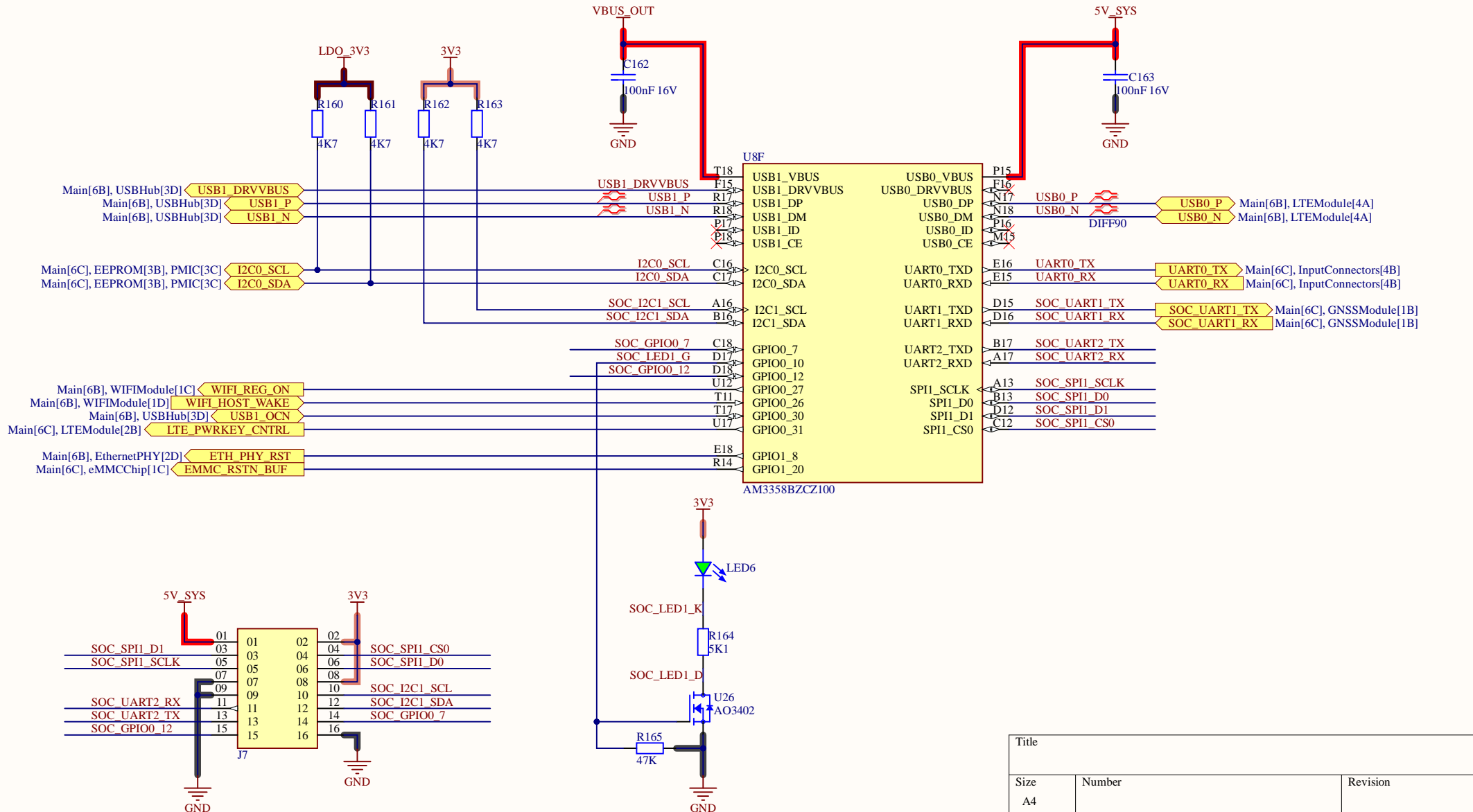
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AM3358 Media-independent interface



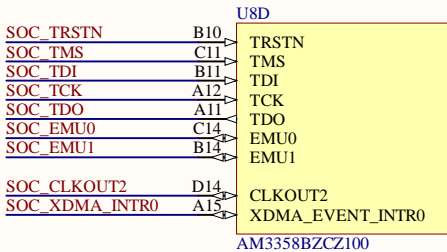
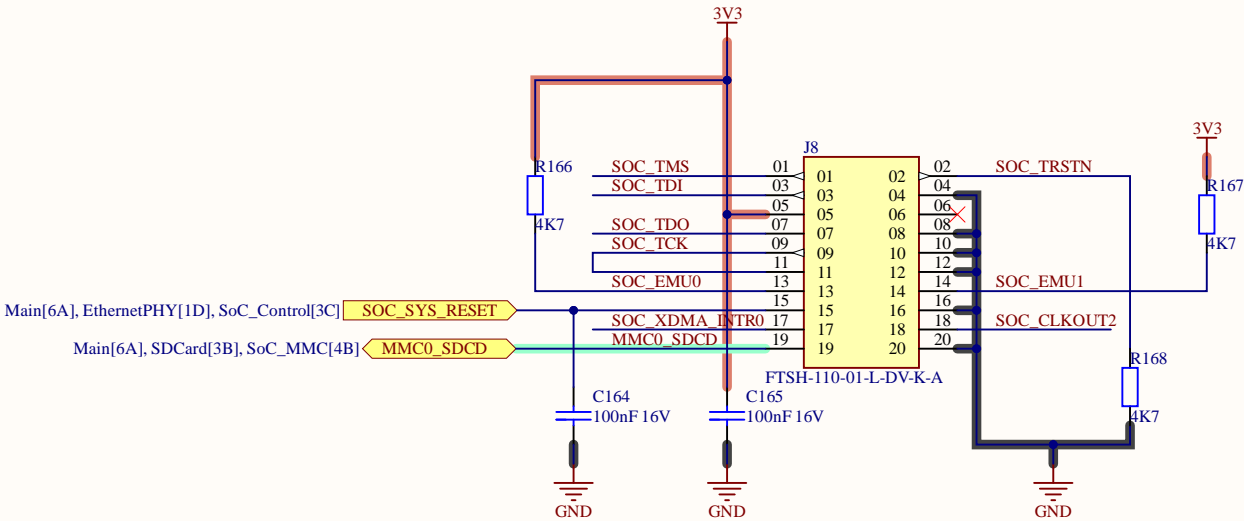
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AM3358 Peripheral



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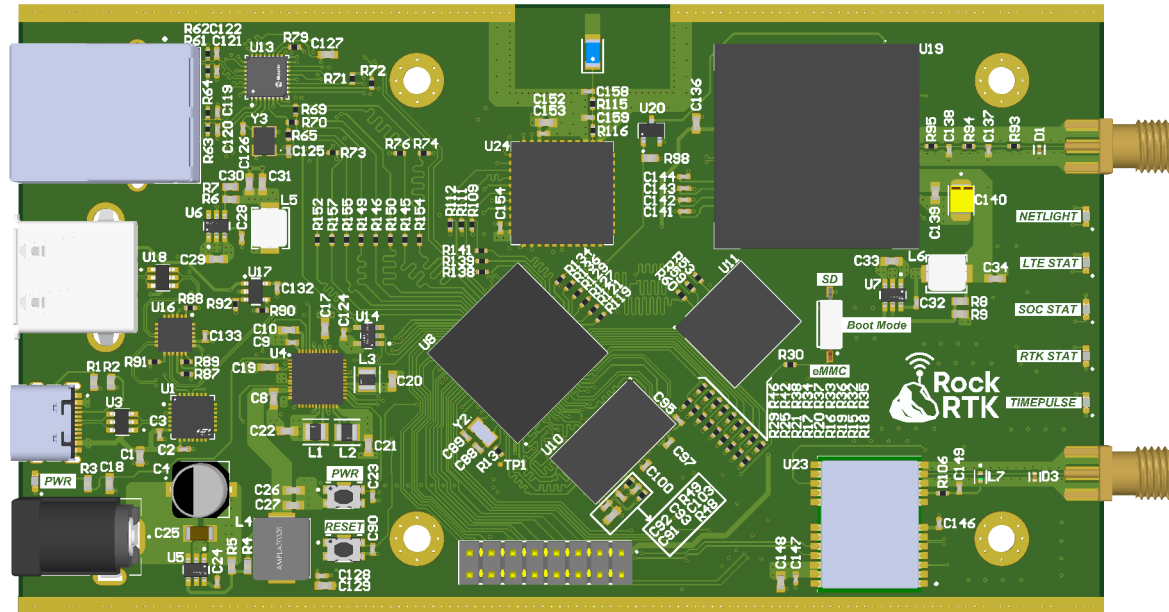
JTAG Debug Probe



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RockRTK

Realistic View



Realistic View

