

GR-MANGO(mbed-RZ/A2M)

Circuit schematic

【 X71A-M01-A 】

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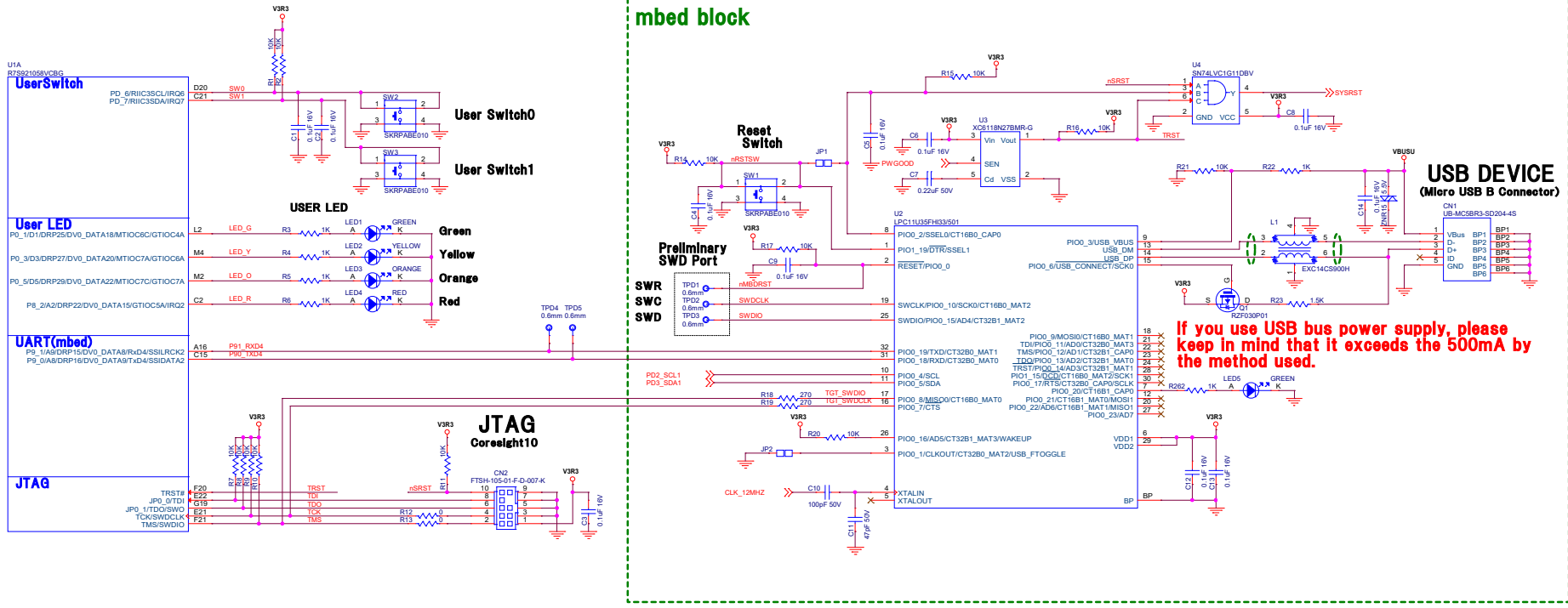
GR-MANGO Design by Core Corporation

SHT.1 Title Sheet
SHT.2 mbed-IF / Switch / LED / JTAG Block
SHT.3 Strage Block
SHT.4 USB Block
SHT.5 Ethernet Block
SHT.6 HDMI / LCD IF / Audio CODEC Block
SHT.7 Expansion I/F / MIPI / Camera IF Block
SHT.8 Clock / BootMode / Power Block

Core Co.Ltd.,

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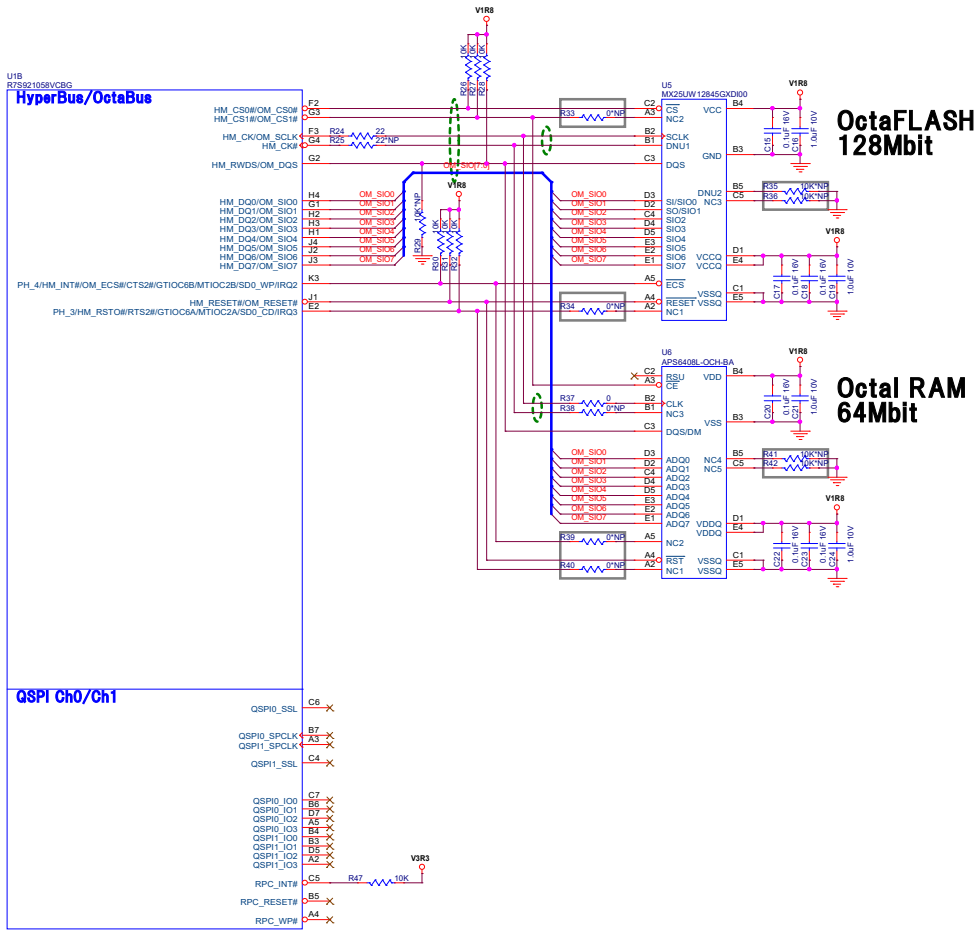
SHT.2 mbed-IF / Switch / LED / JTAG Block



If you use USB bus power supply, please keep in mind that it exceeds the 500mA by the method used.

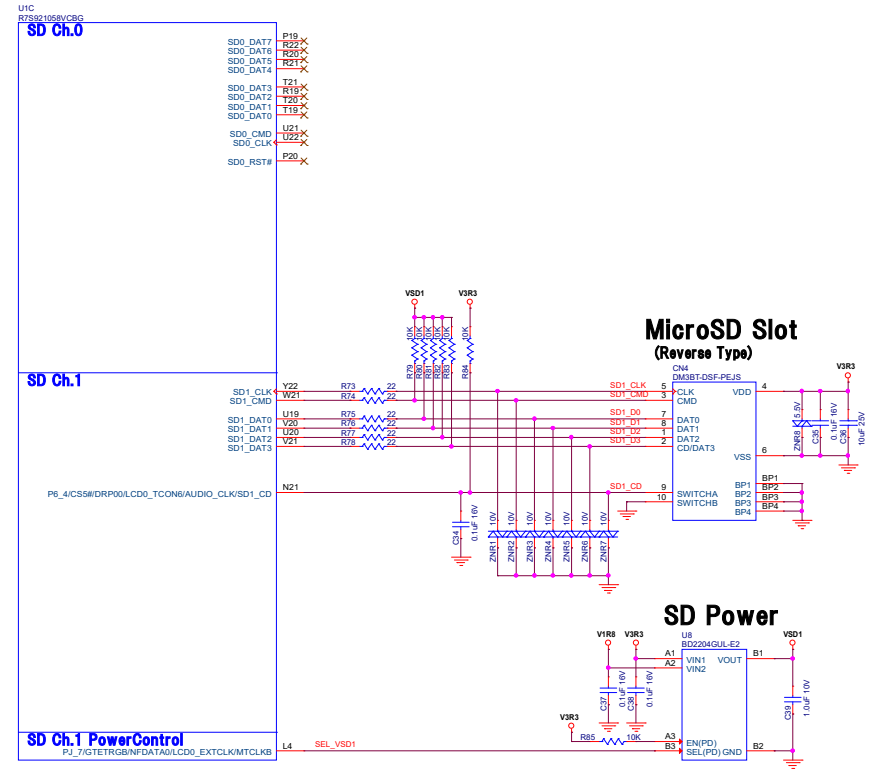
Notice: This board is not compatible with 5V tolerant signal.

SHT.3 Strage Block



NorFROM / RAM / NandFROM(Optional)

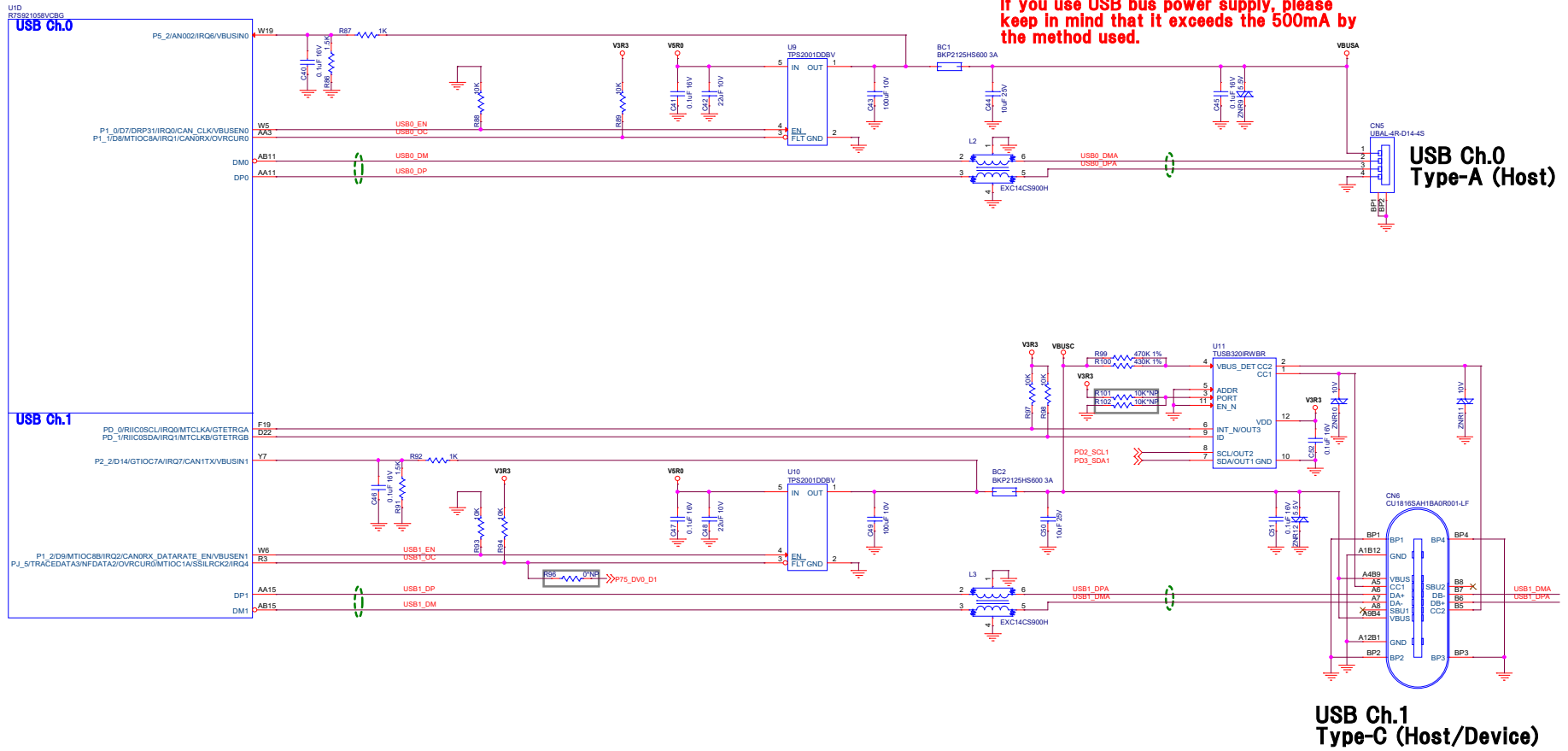
MicroSD / eMMC(Optional)



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Notice: This board is not compatible with 5V tolerant signal.

SHT.4 USB Block



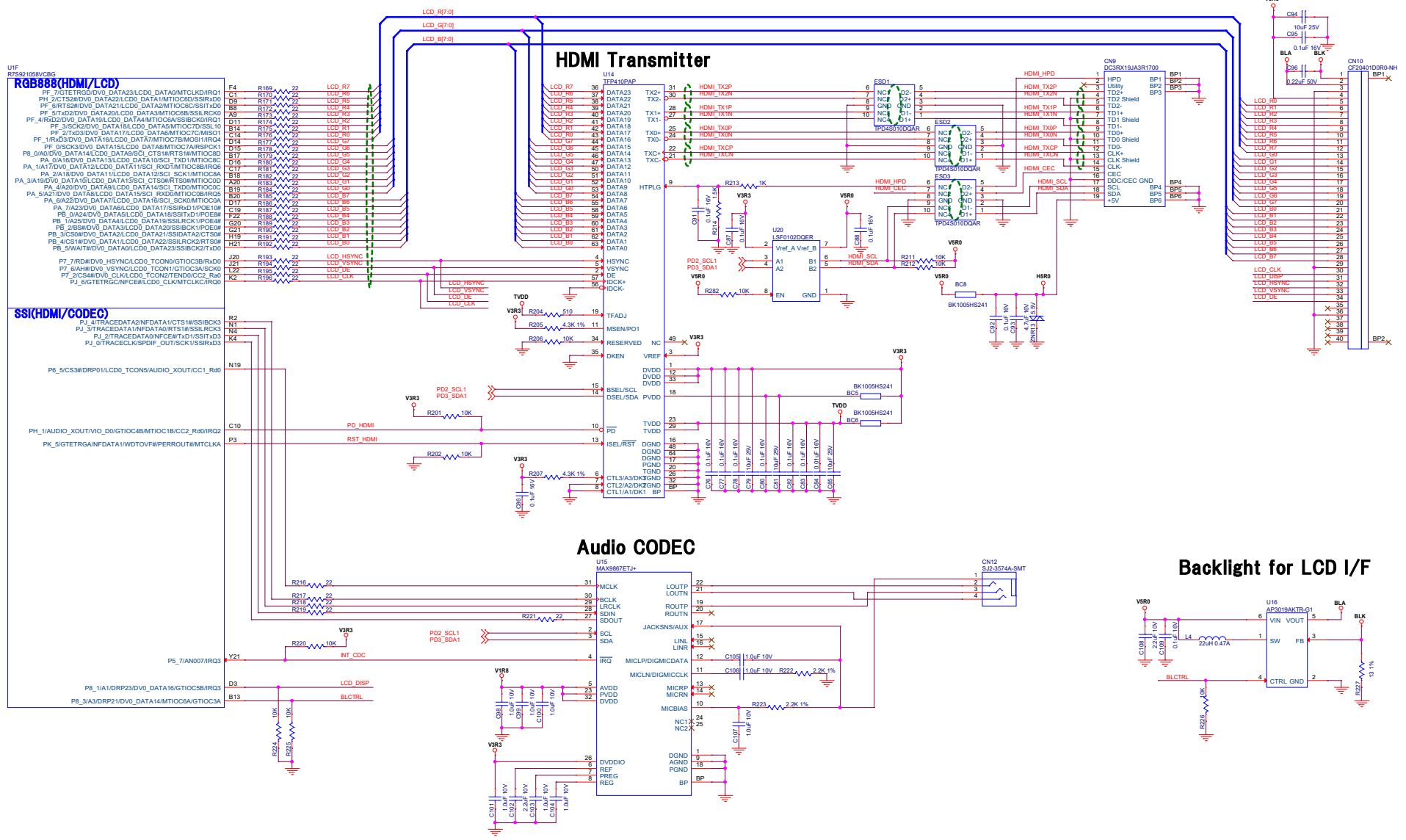
If you use USB bus power supply, please keep in mind that it exceeds the 500mA by the method used.

USB Ch.0 Type-A (Host)

USB Ch.1 Type-C (Host/Device)

Notice: This board is not compatible with 5V tolerant signal.

SHT.6 HDMI / LCD IF / Audio CODEC Block



Notice: This board is not compatible with 5V tolerant signal.

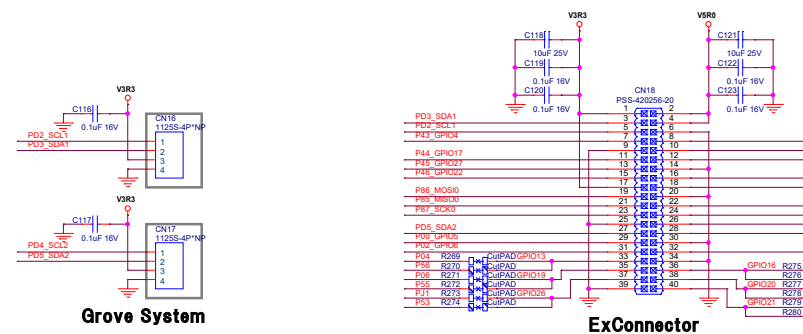
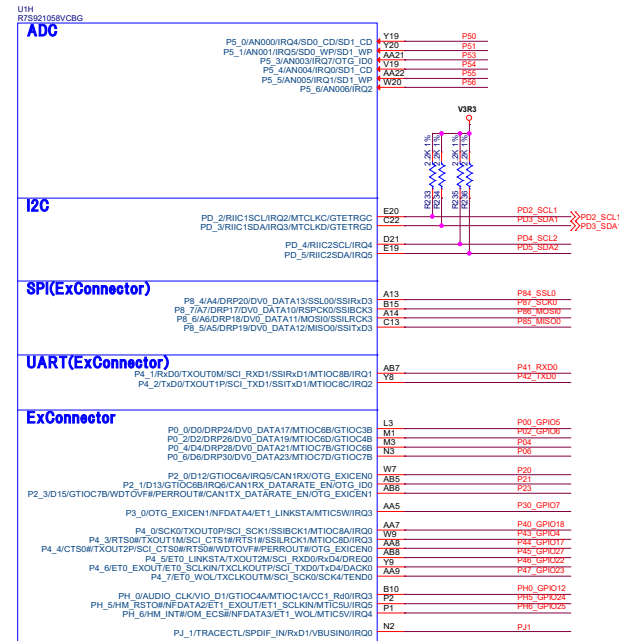
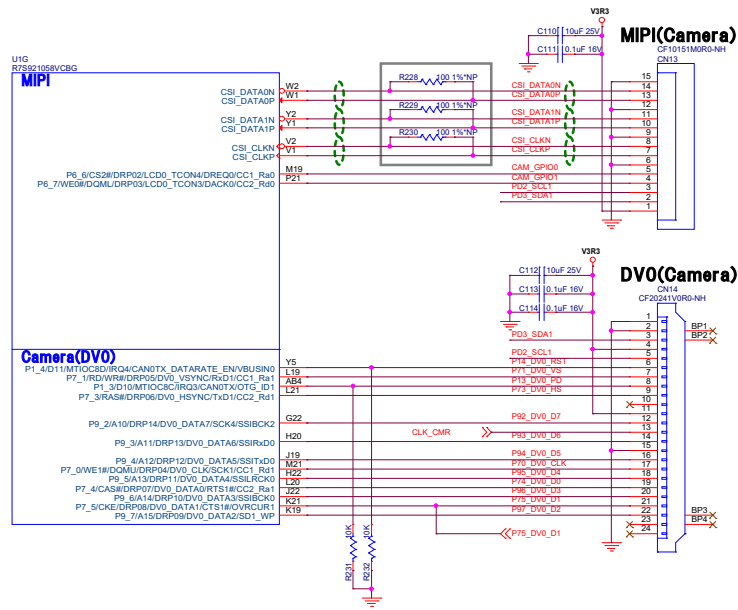
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SHT.7 Expansion I/F / Camera I/F(MIPI/DVO) Block



Grove System

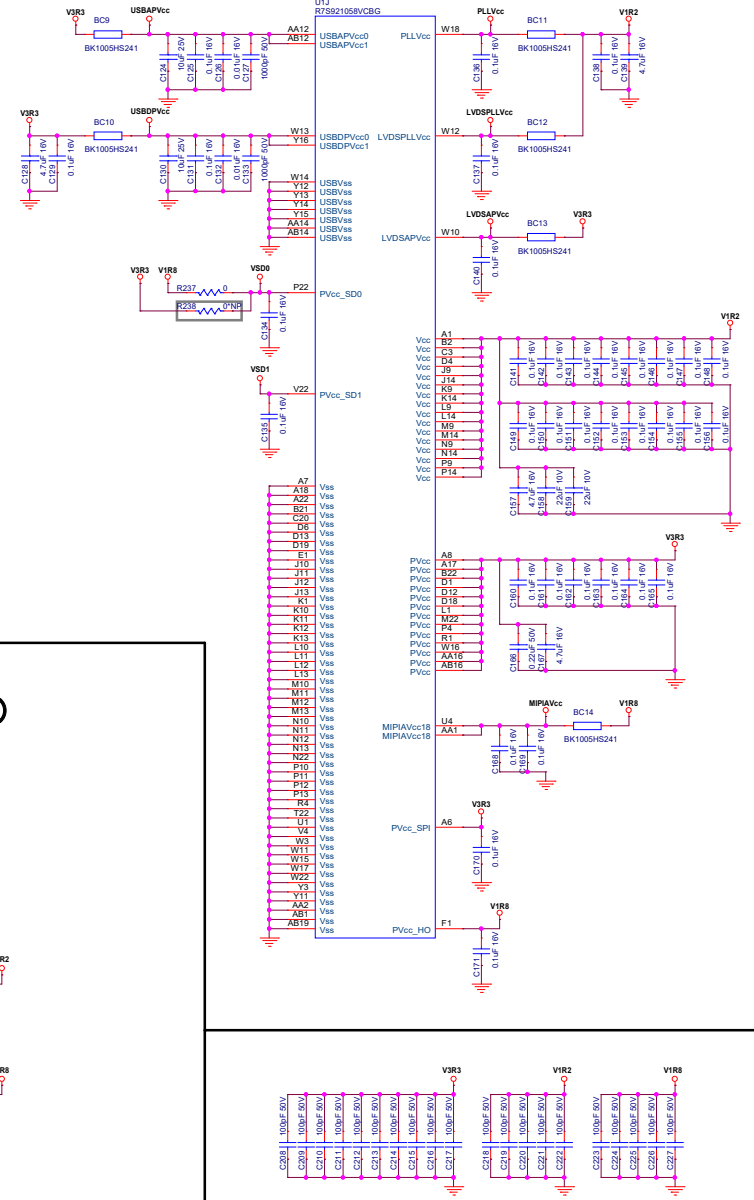
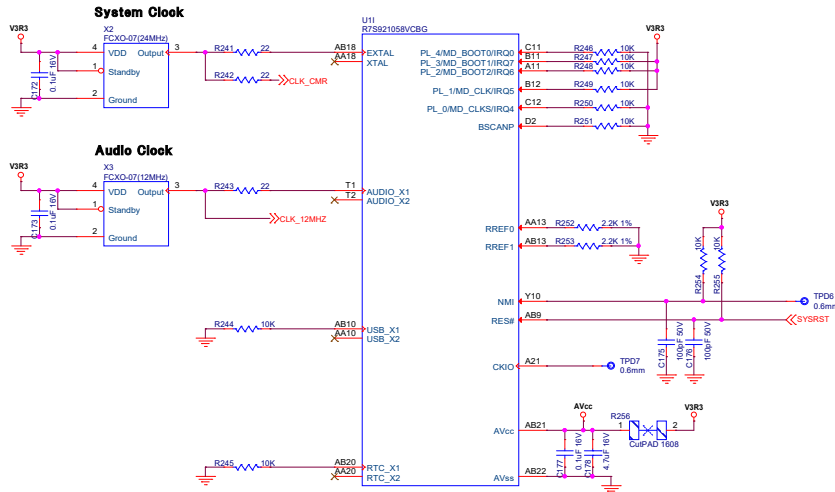
ExConnector

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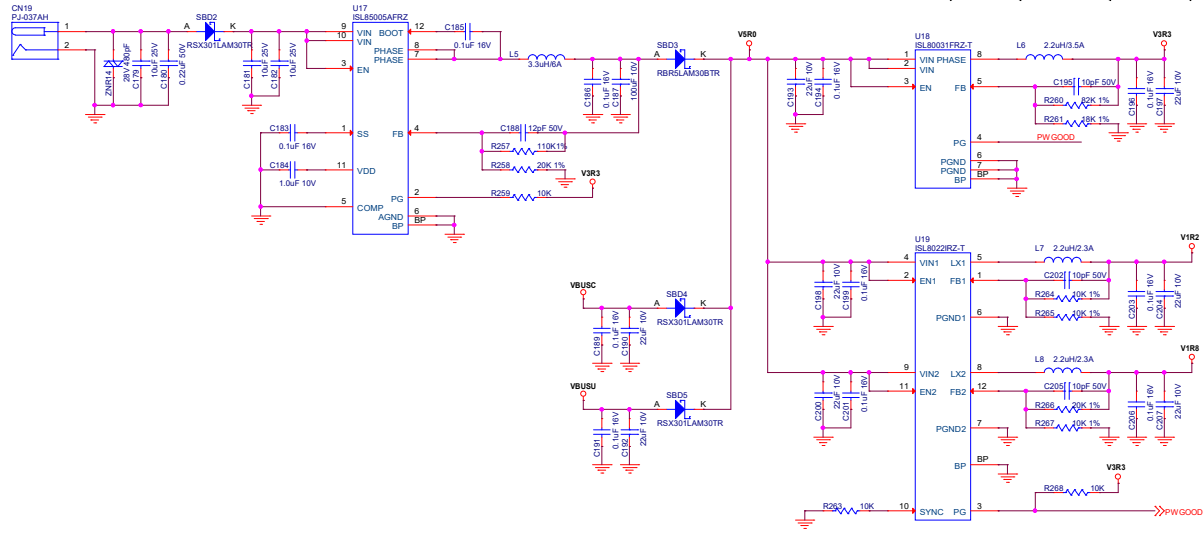
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SHT.8 Clock / BootMode / Power Block



Main Power(3.3V / 1.2V / 1.8V)



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