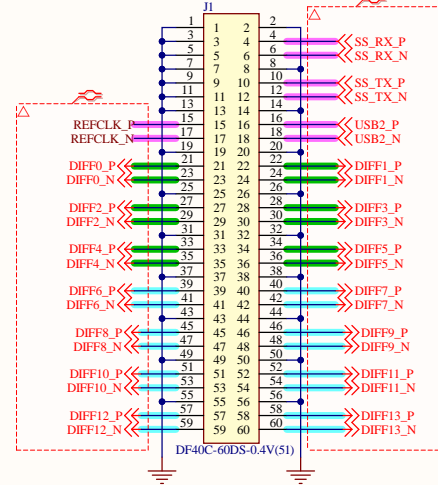
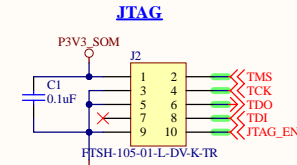
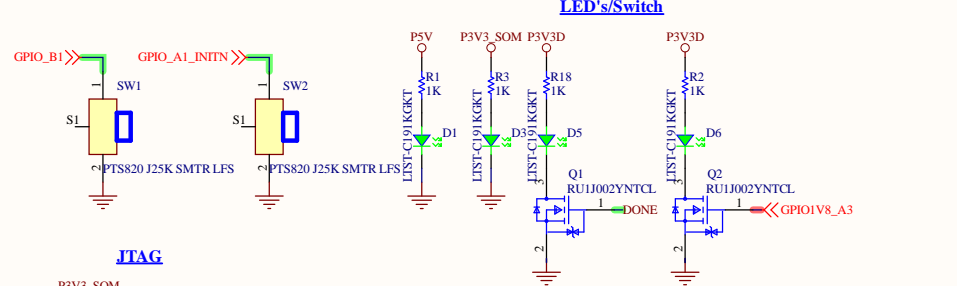
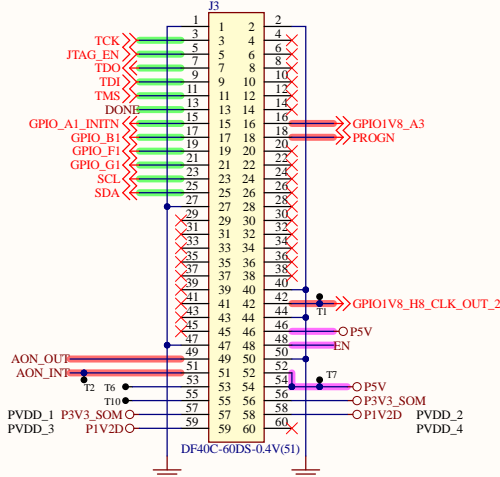


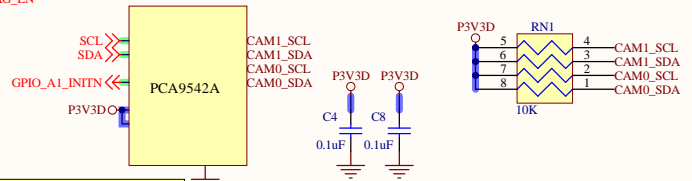
Color Legend:
3.3V IO
USB
1.8V
Bank 1 Voltage (1.2-3.3V)
Bank 2 Voltage (1.2-1.8V)
Bank 3 Voltage (1.2-1.8V)
Ground



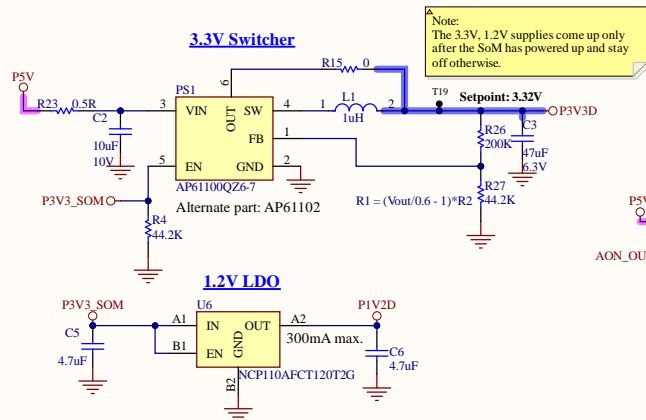
SoM Connectors



I2C Mux

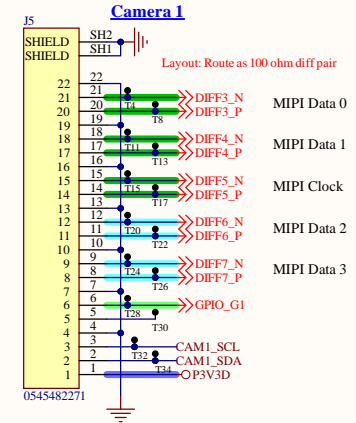
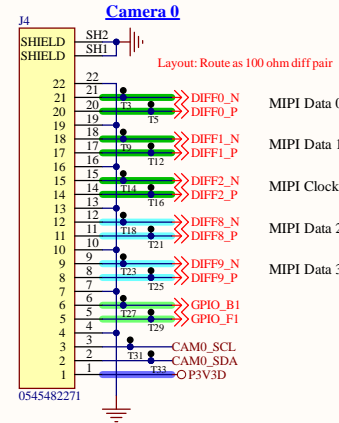
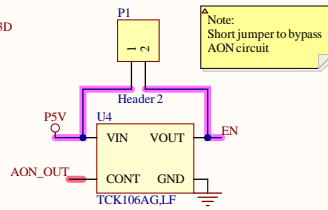


Note:
The 2 cameras may have the same I2C address. A Mux ensures that we can address each camera separately.



Note:
The 3.3V, 1.2V supplies come up only after the SoM has powered up and stay off otherwise.

AON Circuit



Note:
The 1.2V LDO is required as the bank voltage for proper MIPI operation.



Title		
SoM Camera		
Size	Number	Revision
B		
Date:	9/22/2023	Sheet of
File:	E:\Data\...\Base_Module.SchDoc	Drawn By:

1

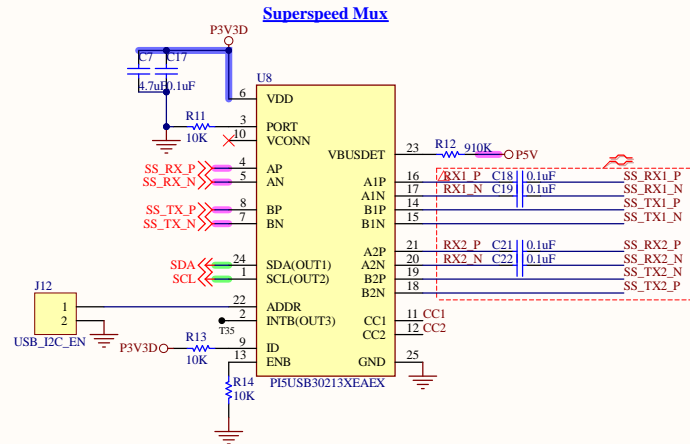
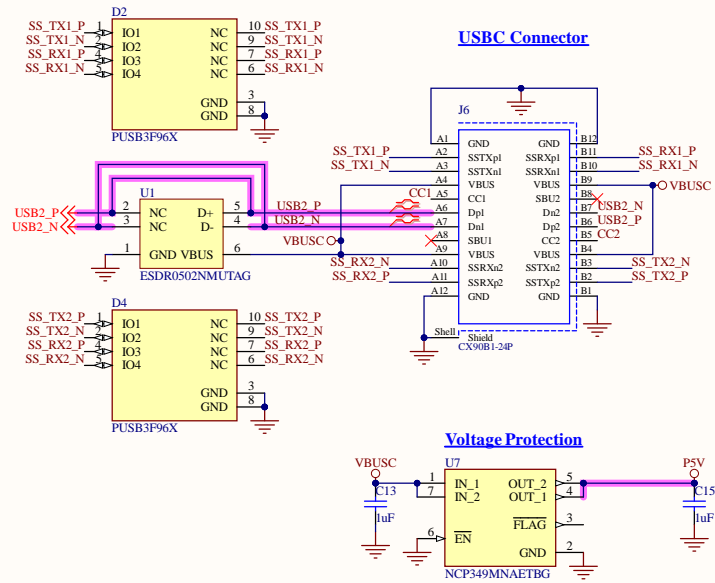
2

3

4

5

6



Title		
USBC Connector		
Size	Number	Revision
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Date:	9/22/2023	Sheet of
File:	E:\Data\...\USBC Connector.SchDoc	Drawn By:

1

2

3

4

5

6