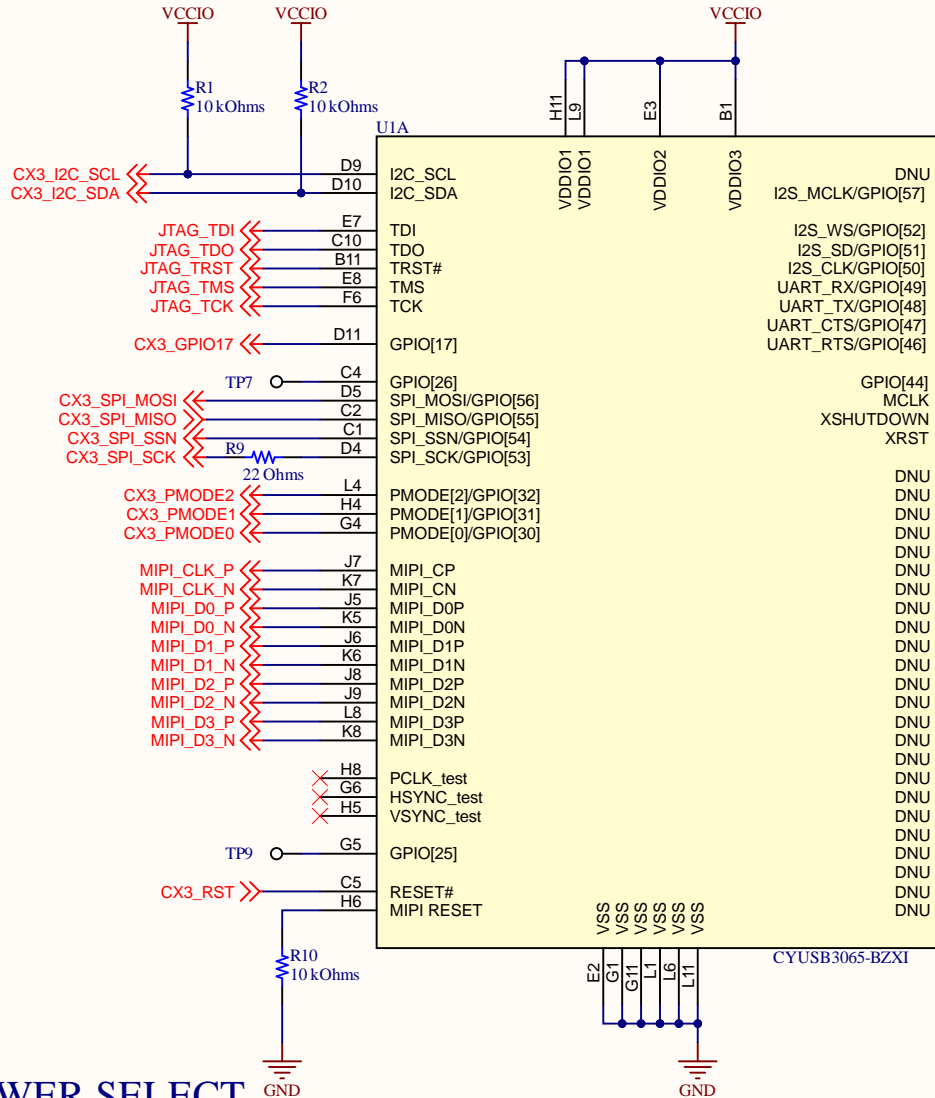


# CX3 CONTROLLER

# BOOT OPTIONS

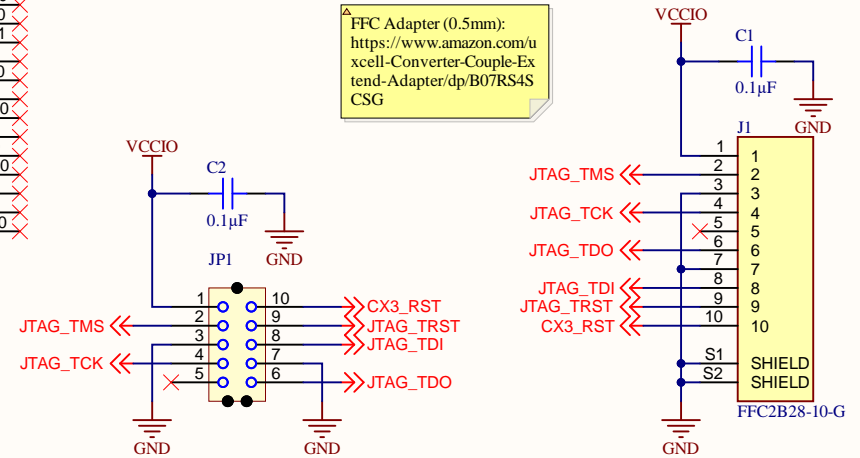


S.NO	PMODE[2]	PMODE[1]	PMODE[0]	BOOT MODE
1	FLOAT	1	1	USB
2	FLOAT	1	FLOAT	I2C
3	0	FLOAT	1	SPI

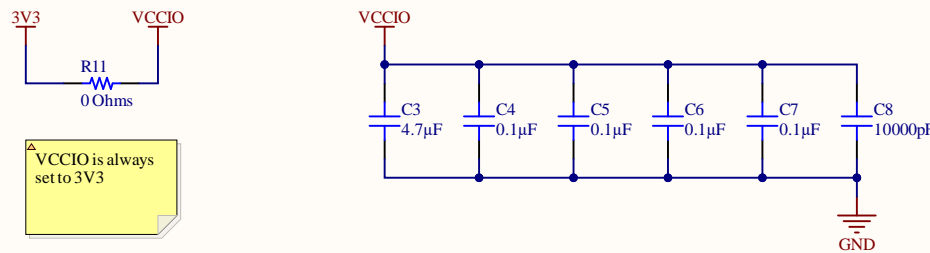
Boot is set to USB option by default

## JTAG

FFC Adapter (0.5mm):  
<https://www.amazon.com/ucell-Converter-Couple-Extend-Adapter/dp/B07RS4S4CSG>

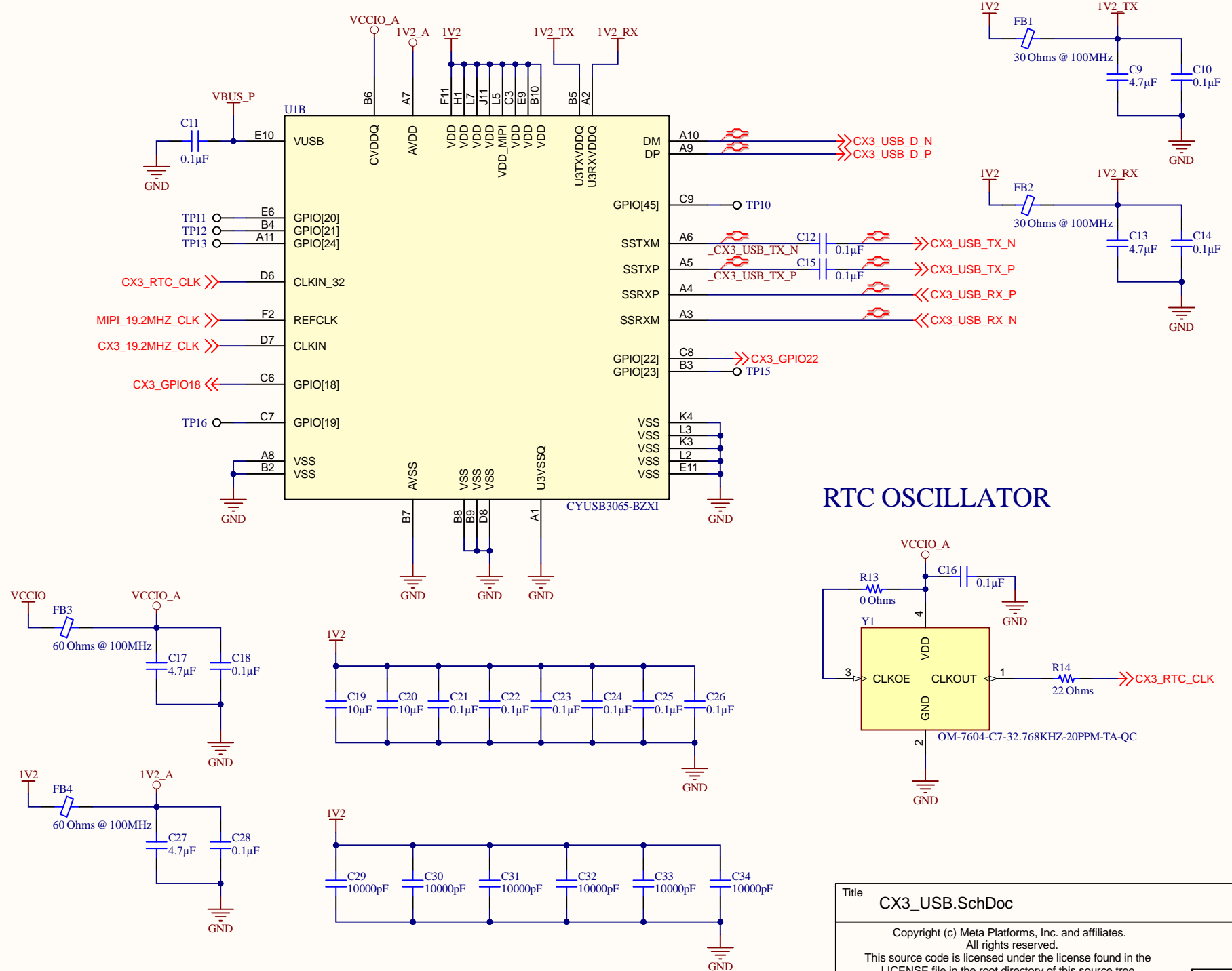


## POWER SELECT

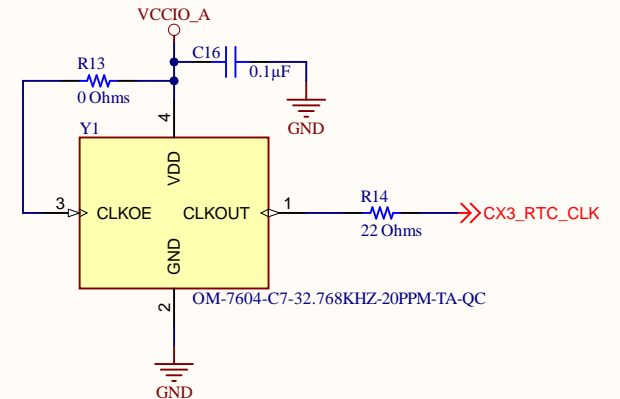


VCCIO is always set to 3V3

# CX3 USB INTERFACE



## RTC OSCILLATOR

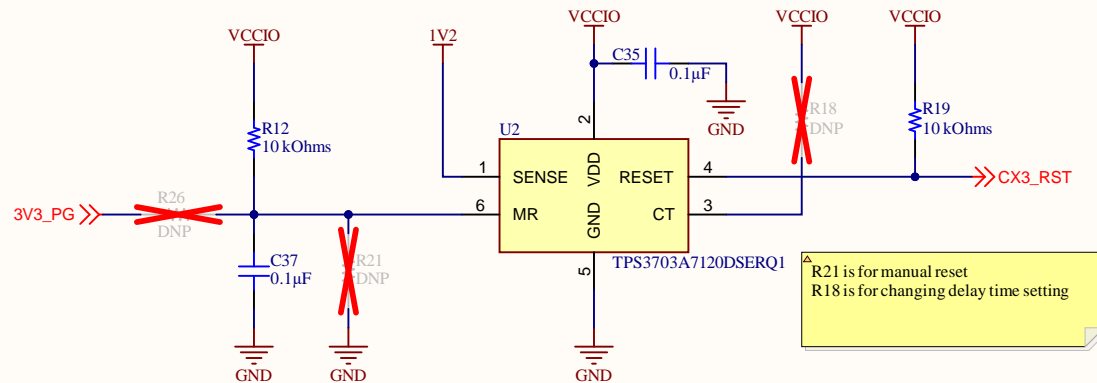


Title  
CX3\_USB.SchDoc

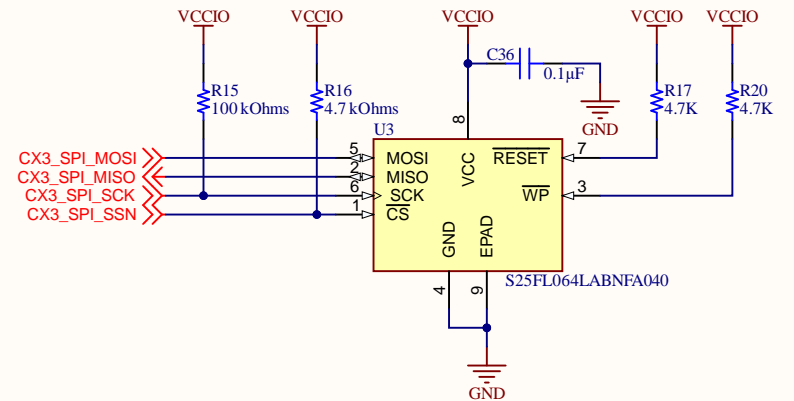
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Sheet 2 of 5

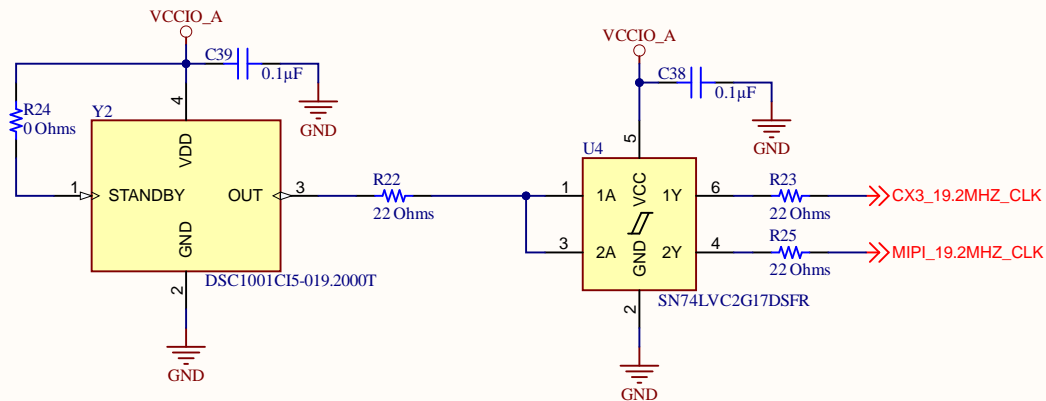
## SUPERVISOR IC



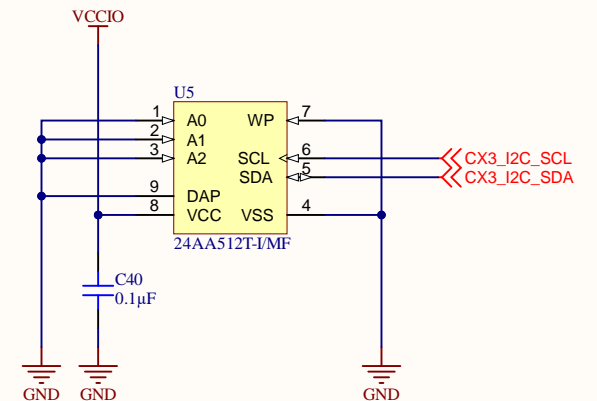
## SPI FLASH



## 19.2 MHZ OSCILLATOR



## I2C EEPROM

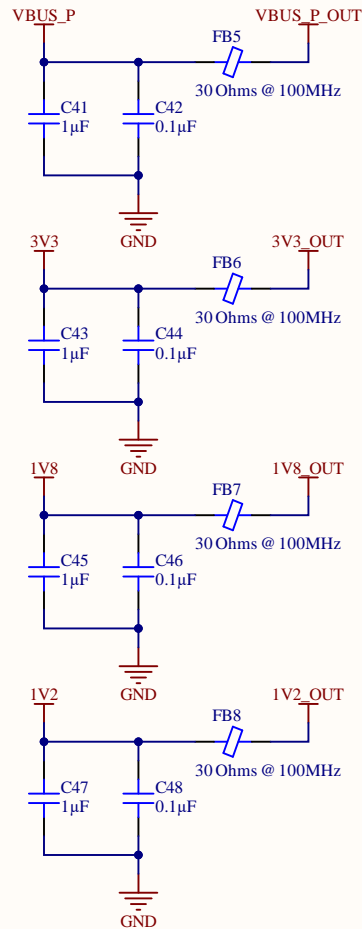


Title CX3\_Support.SchDoc

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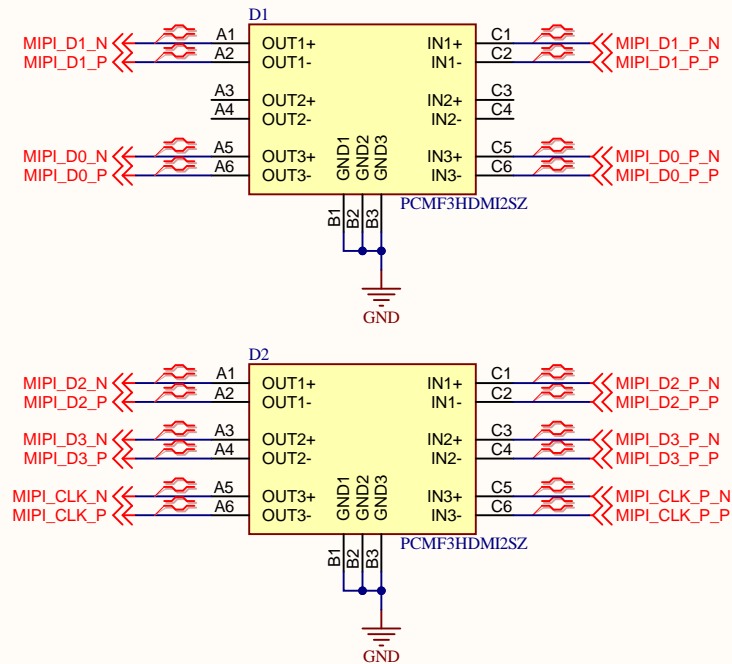
Sheet 3 of 5

## POWER FILTERING



n\_OUT suffix is to  
CMOS board  
connector

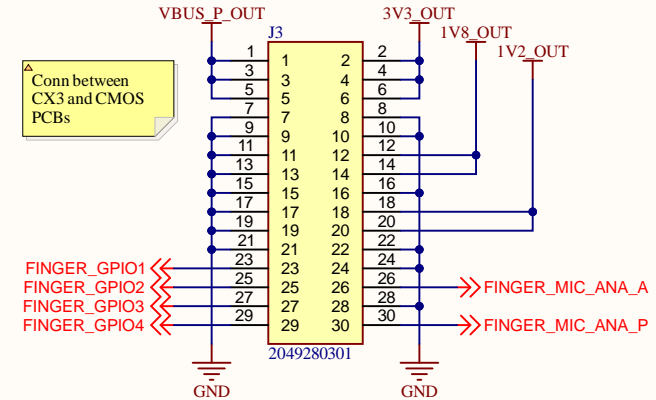
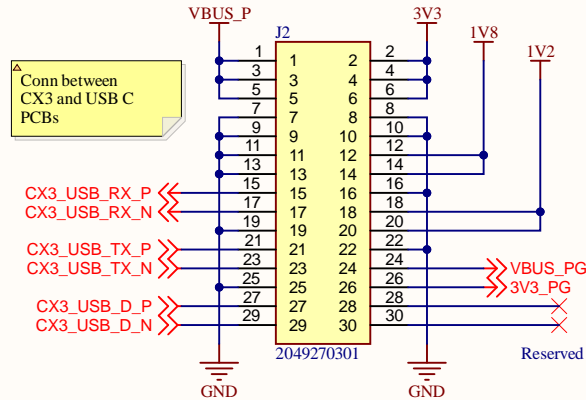
## ESD PROTECTION FOR MIPI



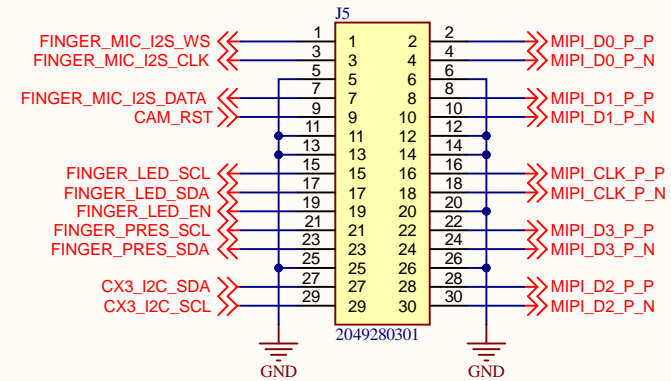
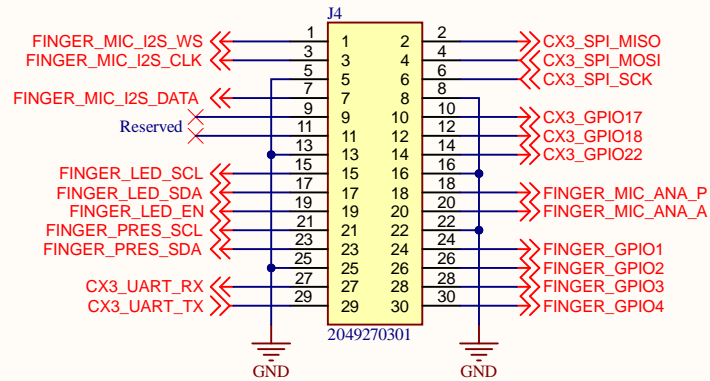
Title CX3\_Stack\_Support.SchDoc

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Female, Top Layer



## Female, Top Layer



△ Conn between CX3 and MCU/NN PCB

△ Conn between CX3 and CMOS PCB

