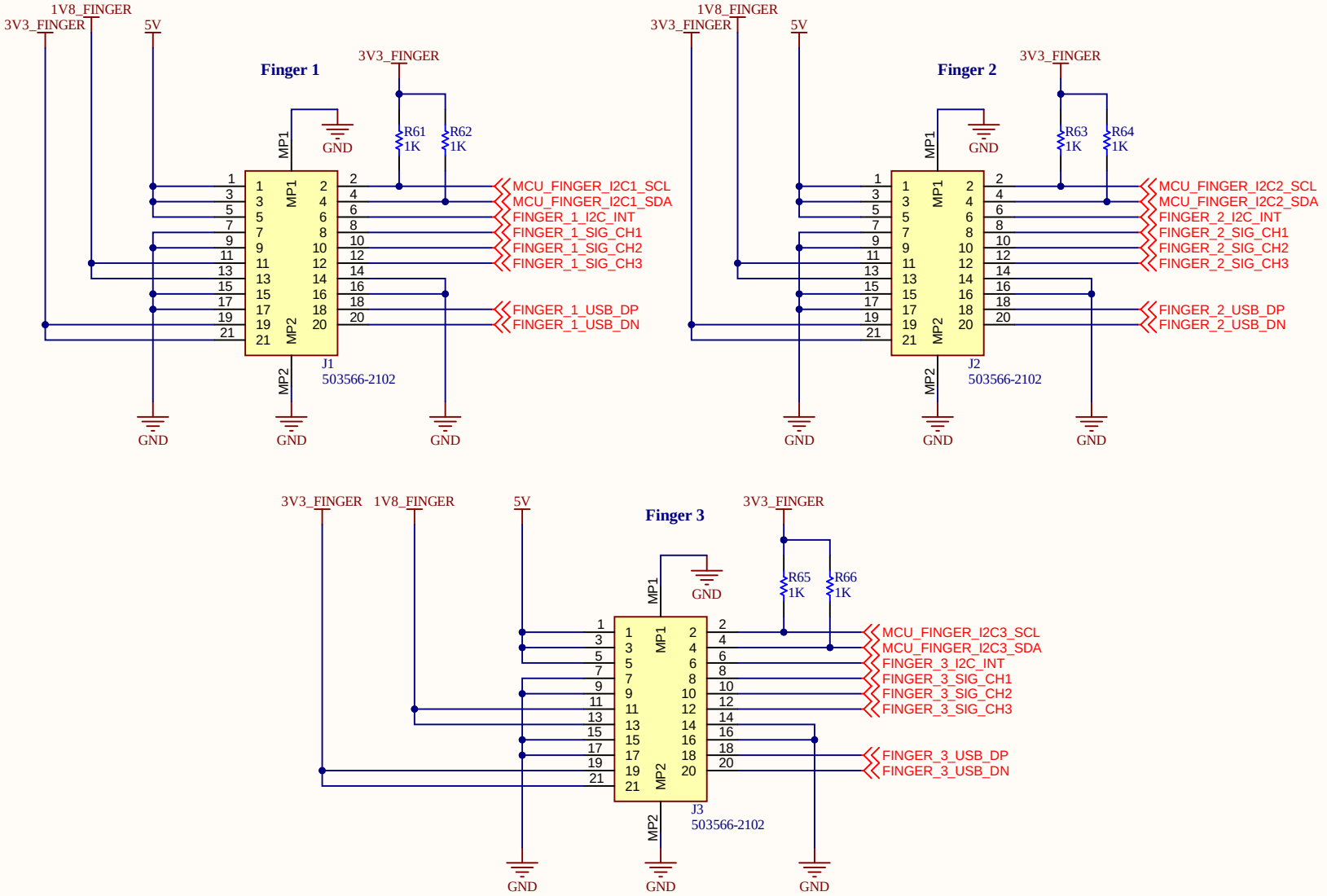
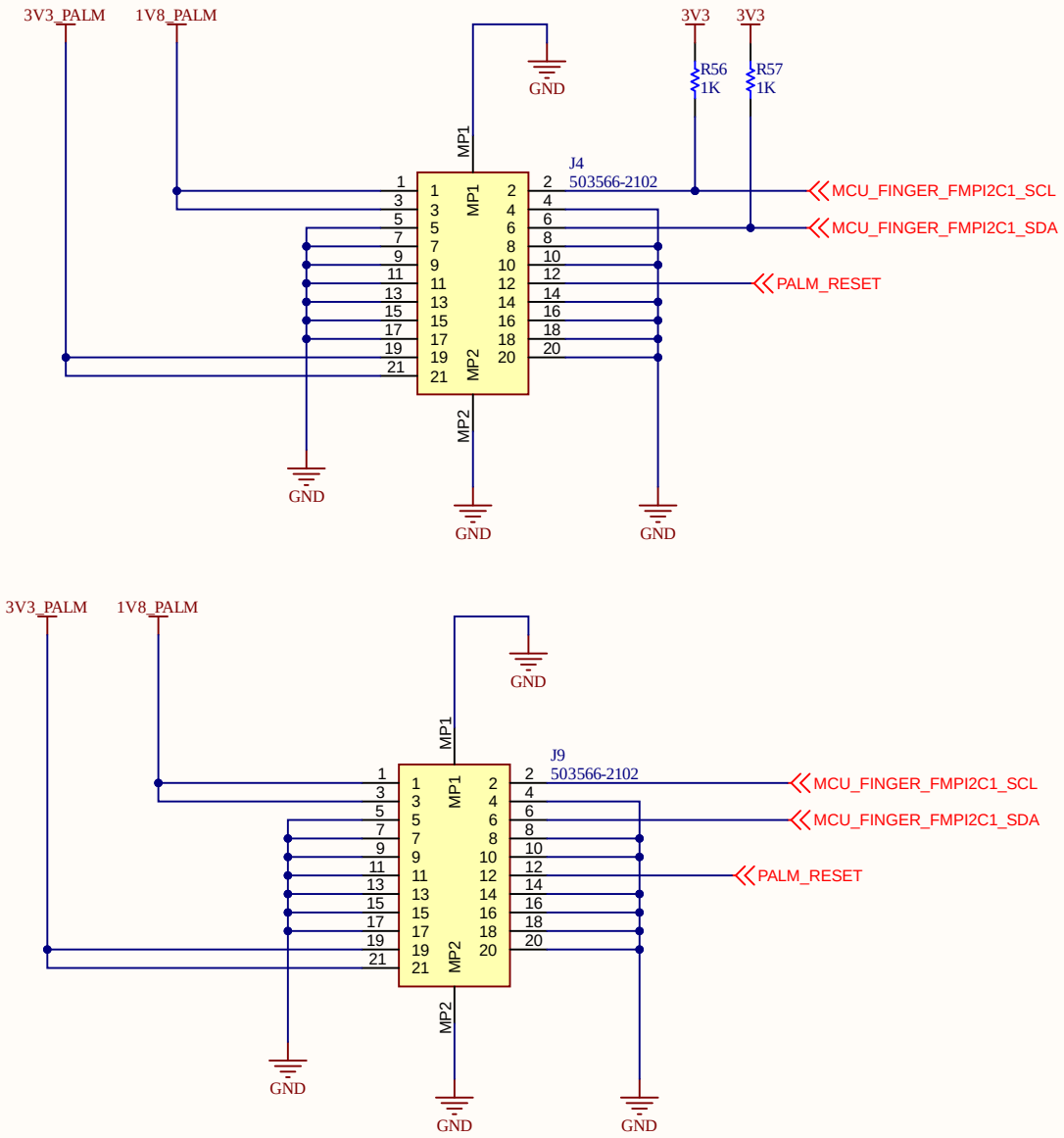


Title
FINGER_CONNECTORS.SchDoc



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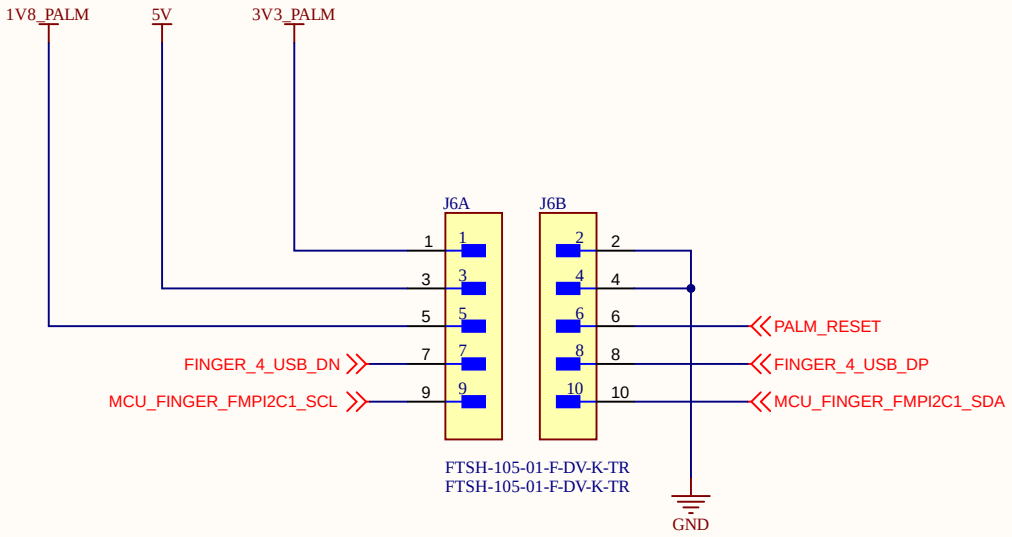

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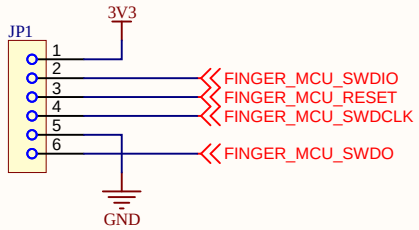

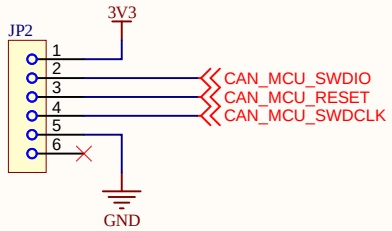

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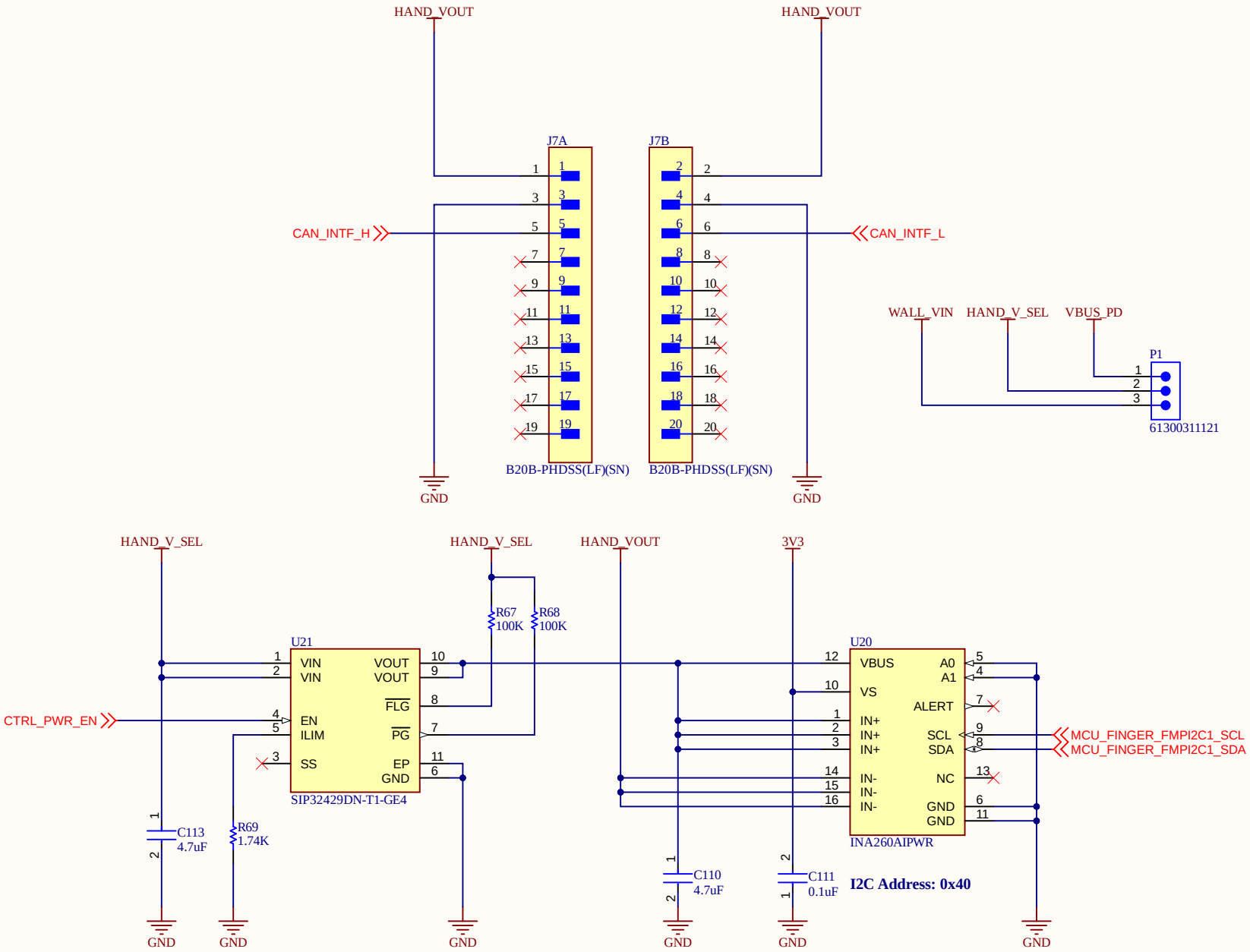

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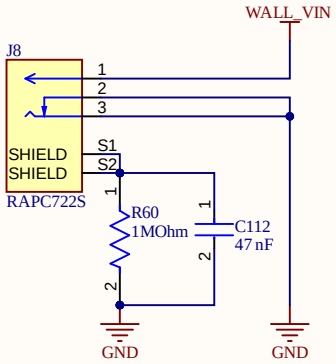
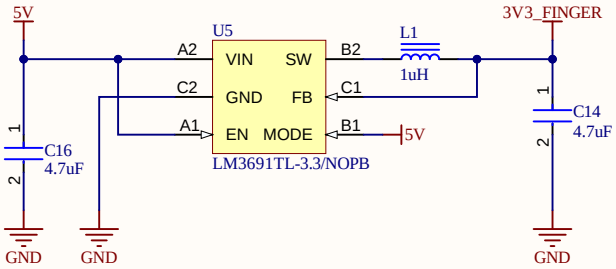
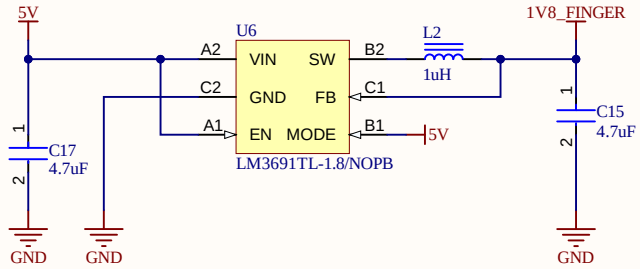
ALLEGRO_CONNECTOR.SchDoc



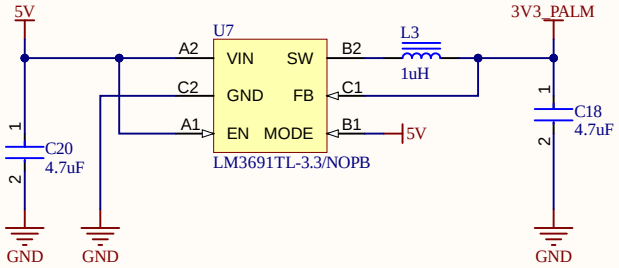
3.3V FINGER



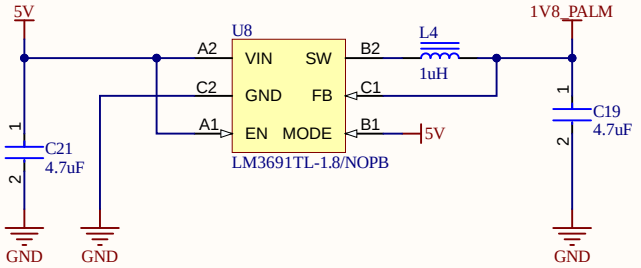
1.8V FINGER



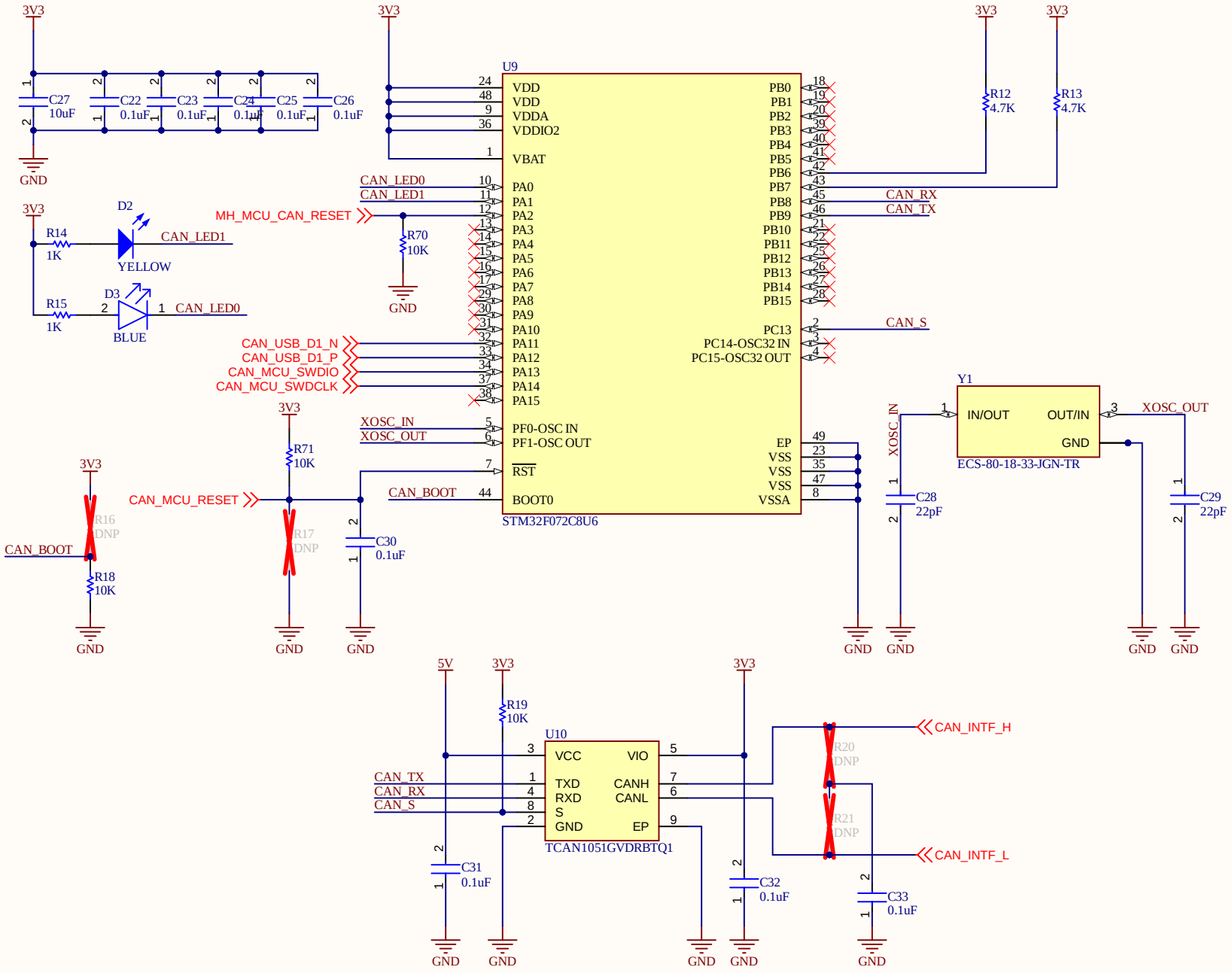
3.3V PALM



1.8V PALM



Title	WALL_POWER.SchDoc



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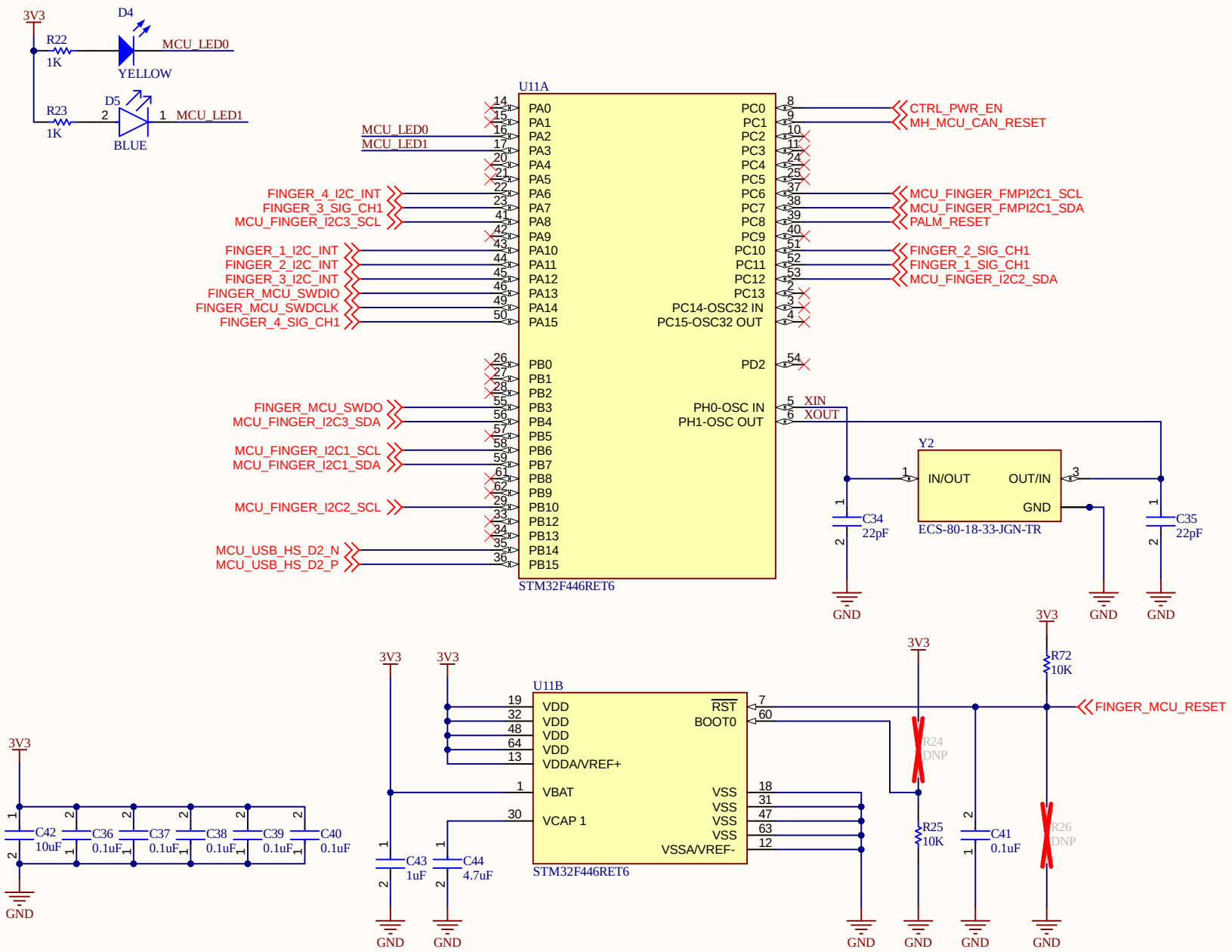

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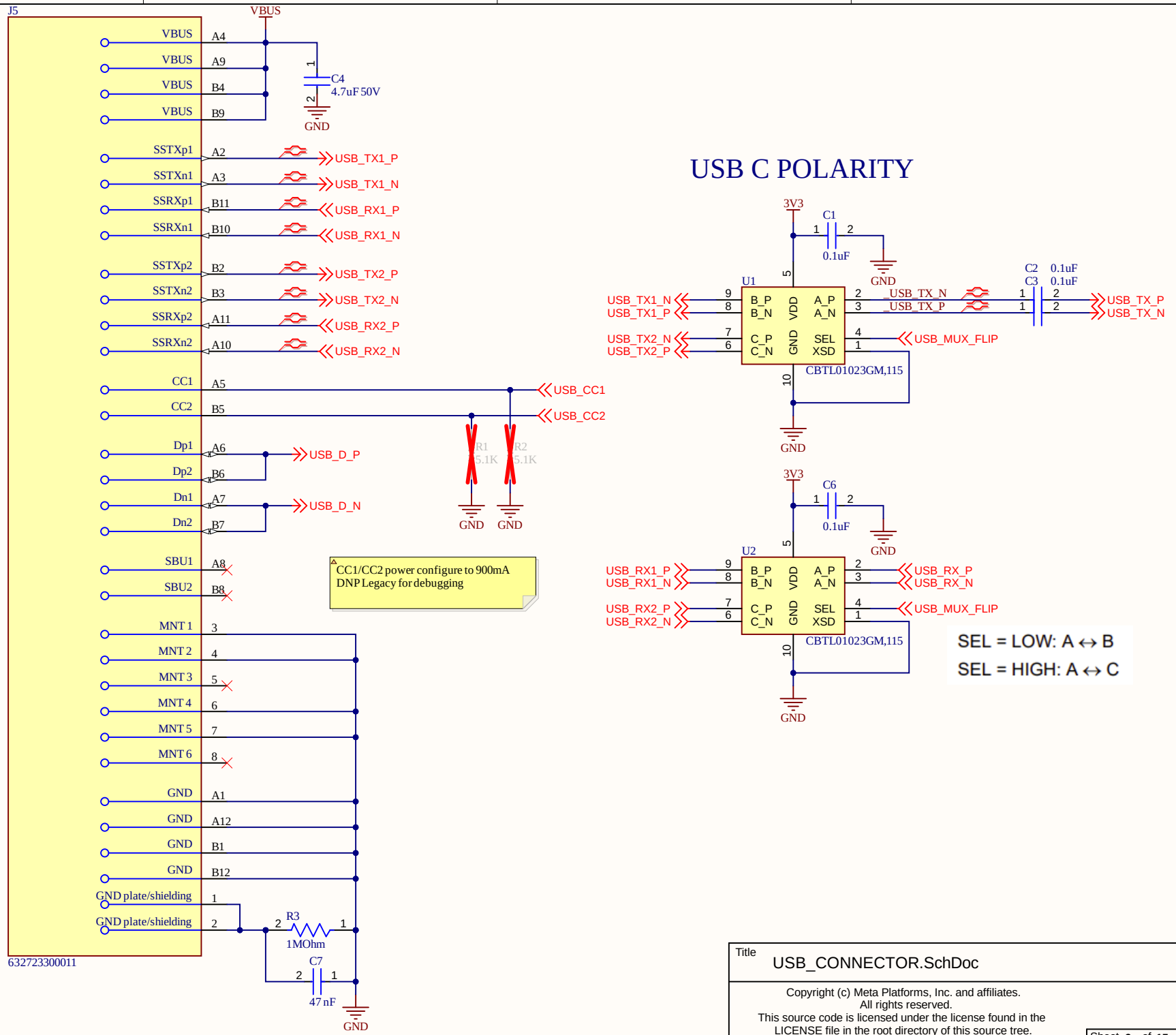
FINGER_MCU.SchDoc



Title
USB_CONNECTOR.SchDoc

HX3 USB HUB

U12

CYUSB3304-68LTXC

HX3 MODES

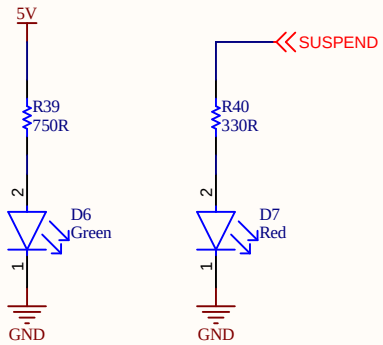
HX3 Mode is set to I2C Master option by default

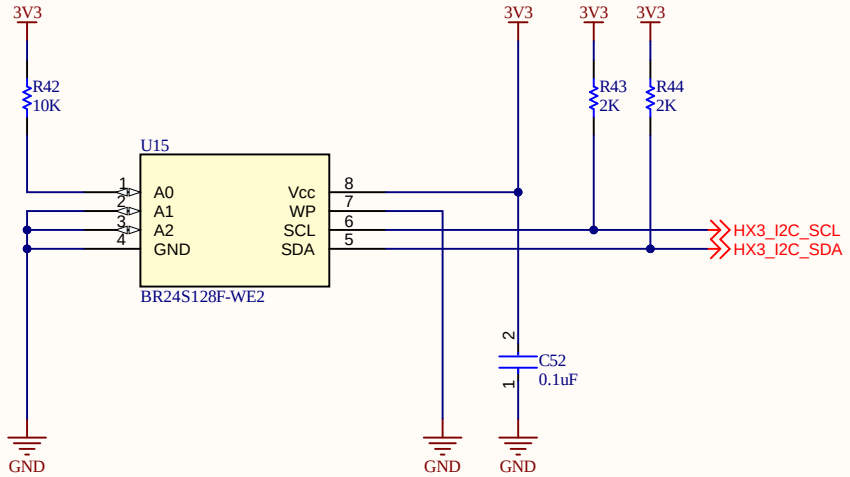
MODE SEL[1]	MODE SEL[0]	HX3 Configuration Modes
0	0	Reserved. Do not use this mode.
1	1	Internal ROM configuration
0	1	I²C Master, read configuration from I²C EEPROM*
1	0	I²C Slave, configure from an external I²C Master*

* Download Cypress-provided firmware from www.cypress.com/hx3.

ABM8-26.000MHZ-10-1-U-T

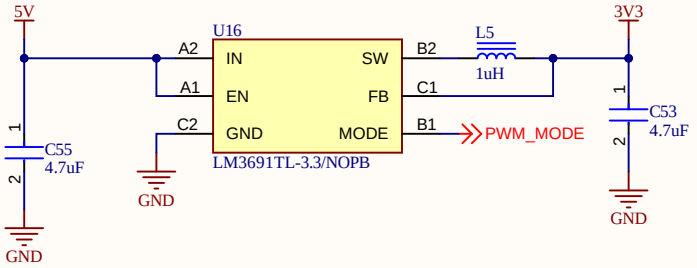
Title: USB_HUB.SchDoc



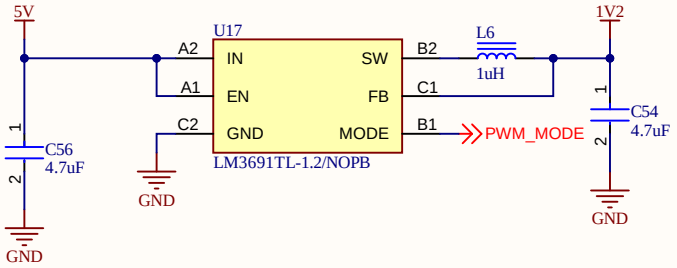


Title
USB_HUB_SUPPORT.SchDoc

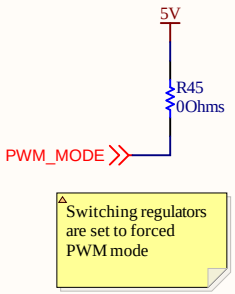
3.3V REGULATOR

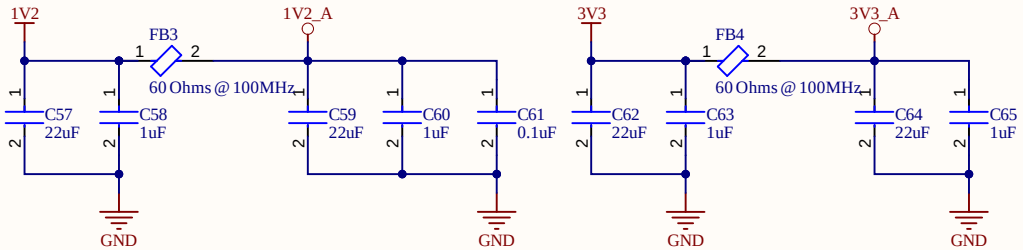


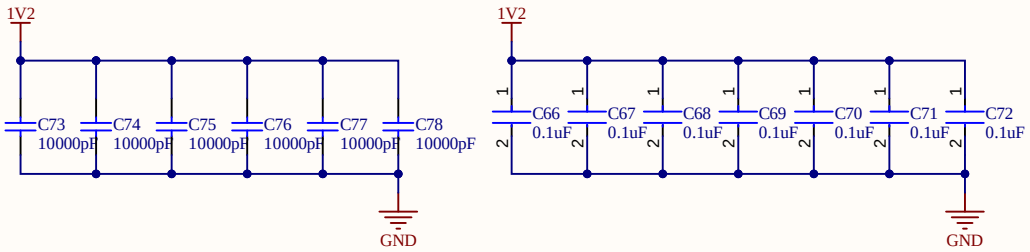
1.2V REGULATOR

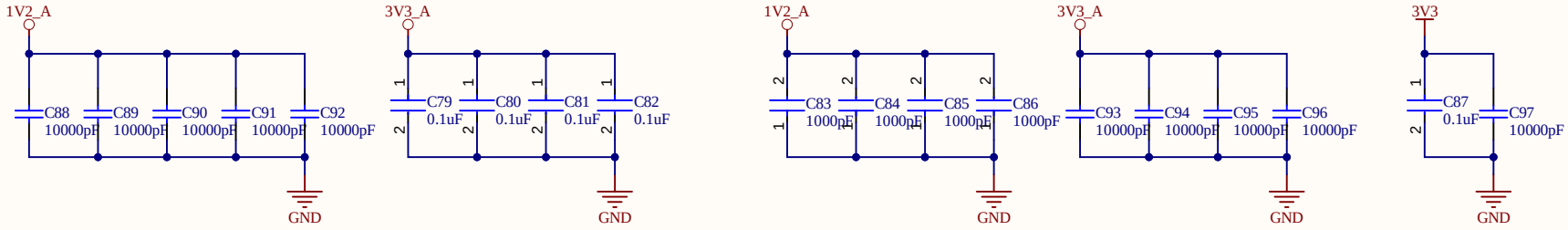


POWER FILTERING



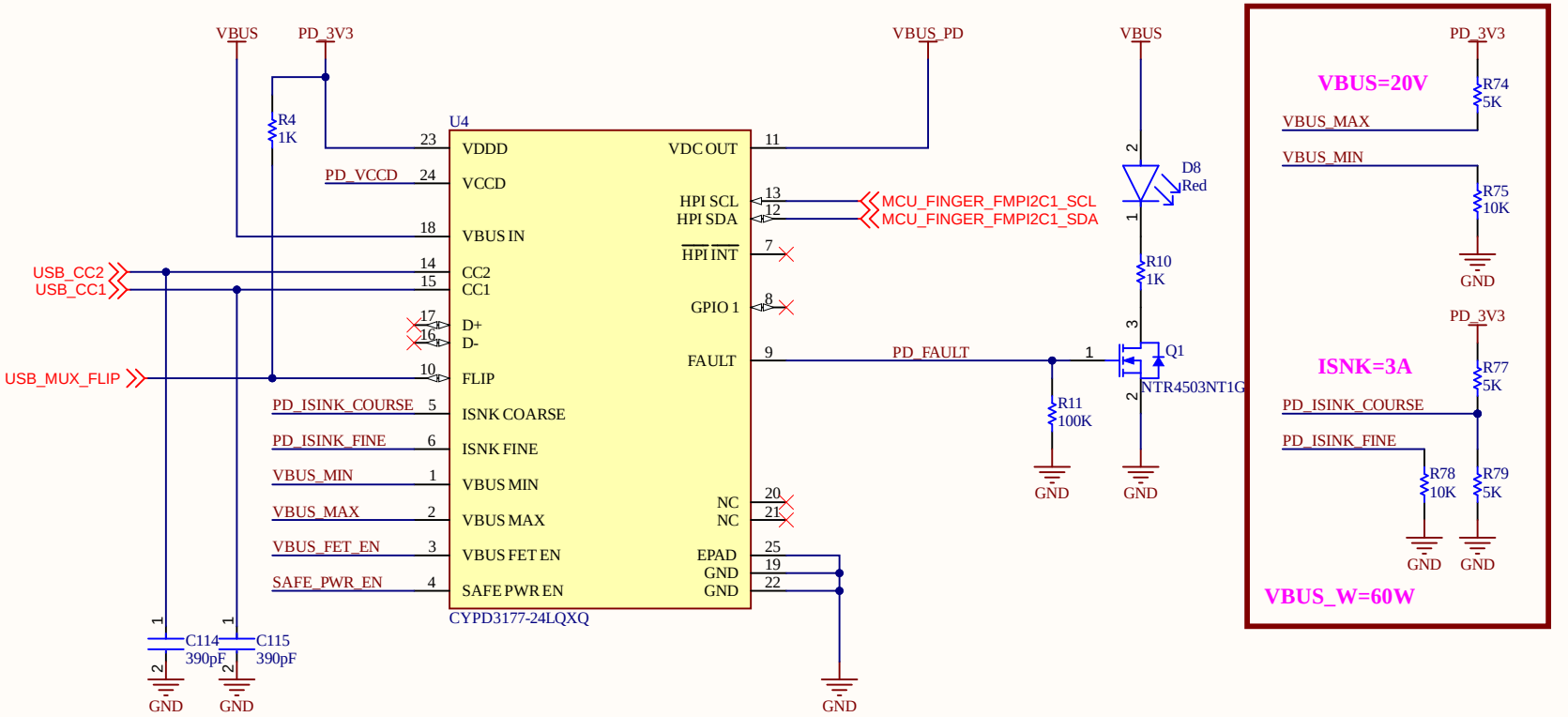


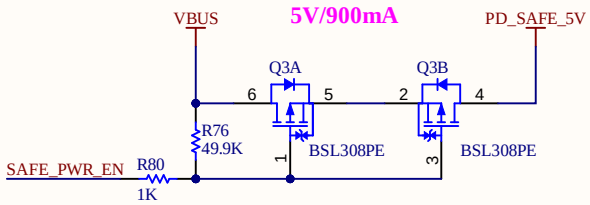


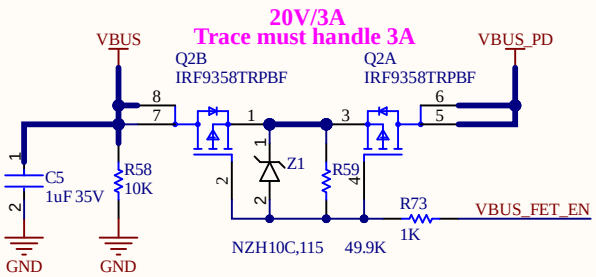


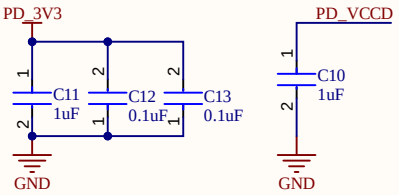
Title
USB_POWER.SchDoc

FLIP	This is an open drain I/O that requires an external pull-up resistor. The presence or the value of the pull-up resistor connected to this pin determines the data capability reported in the UFP Vendor Data Object (VDO) by the BCR device to the Downstream Facing Port (DFP). If there is no pull-up resistor on this pin or if its value is less than or equal to 4.7 kΩ, then the UFP VDO data capability bit is set to 1, which correlates to the port being data capable. If the value of the pull-up resistor is 50 kΩ, then the UFP VDO data capability bit is set to 0, which correlates to the port not being data capable.

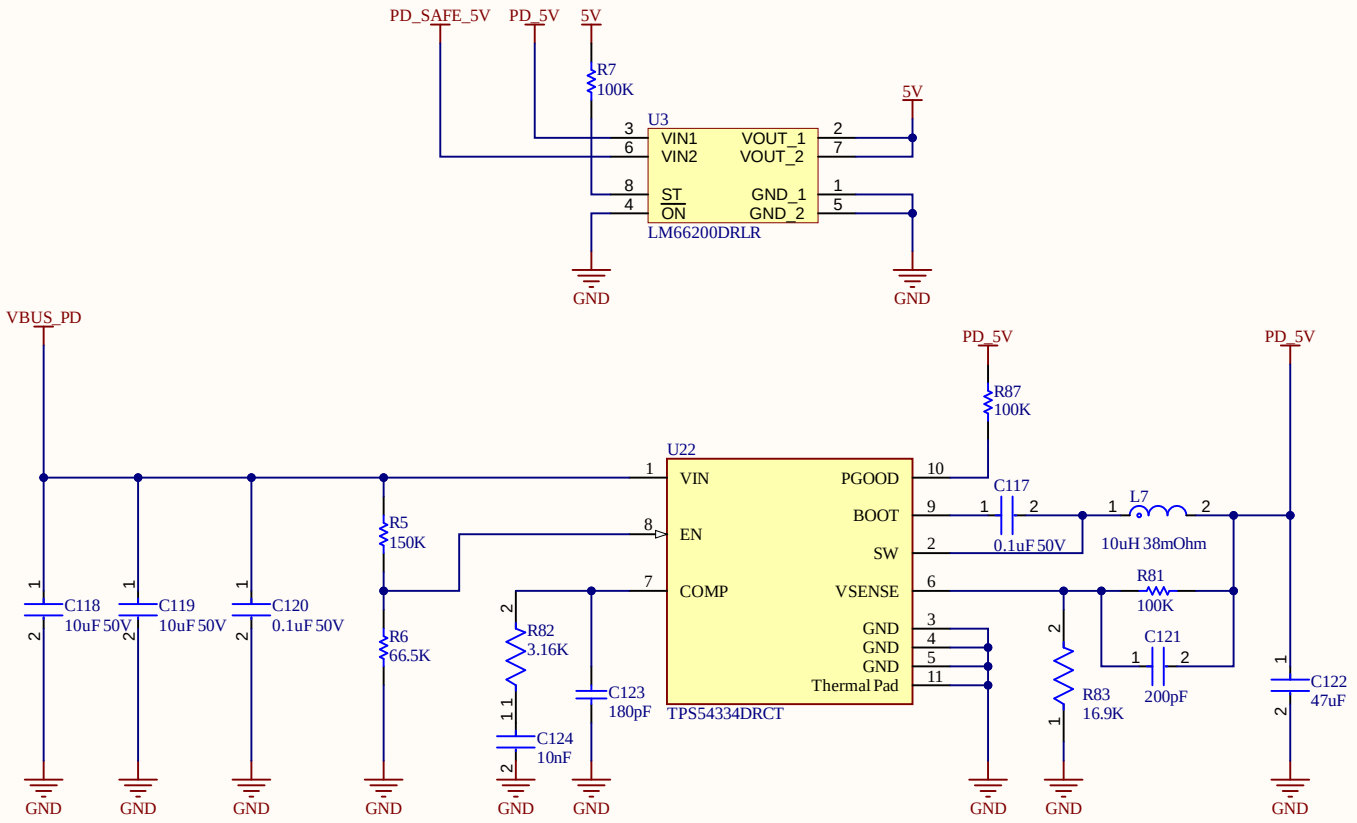








Title	USD_PD.SchDoc



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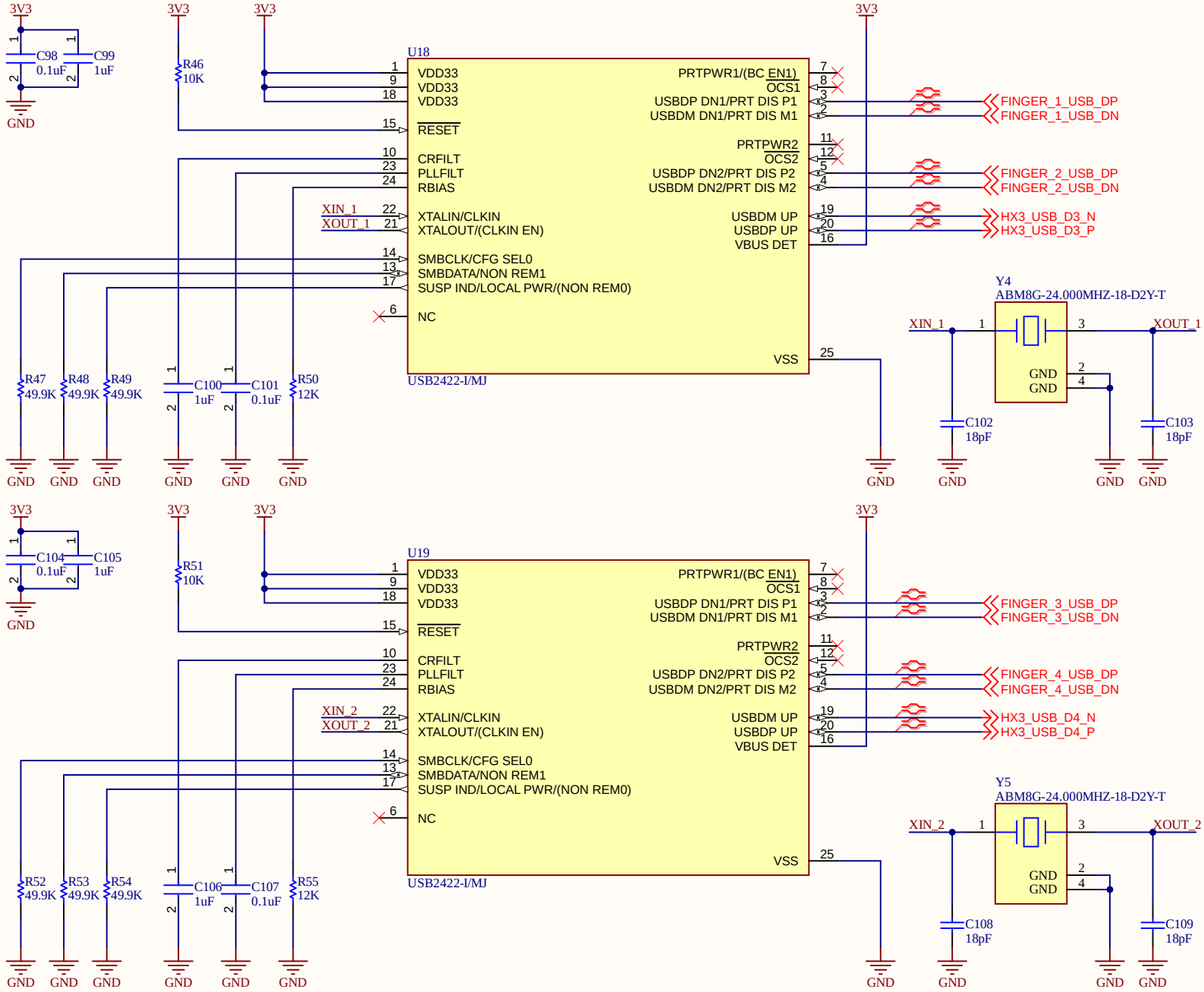
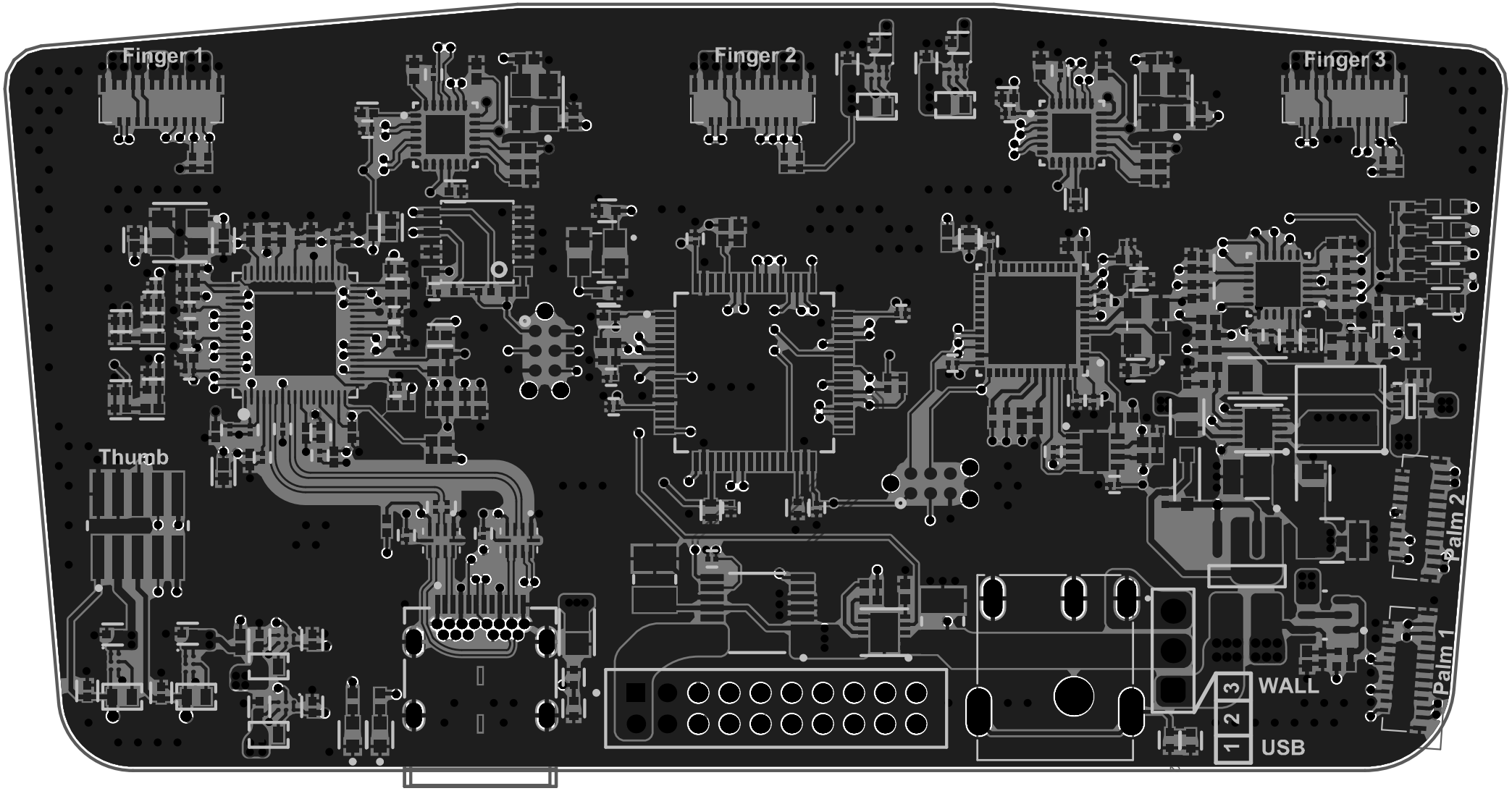
USB_PD_POWER.SchDoc



Title

FINGER_USB_HUB.SchDoc


Finger 1
Finger 2
Finger 3
Thumb
Palm 2
Palm 1
WALL
USB
1
2
3