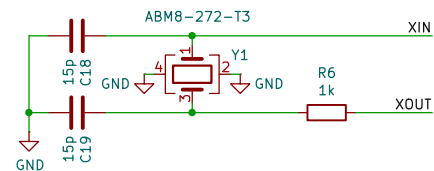


The diagram illustrates the wiring for the STM32F407VGT6 board. It features two headers: J1 (Conn_01x04_Pin) and J2 (SM03B-SR55-TB). Header J1 is connected to a +3V3 supply and UART signals (RX, TX, GND). Header J2 is connected to SWCLK, SWD, and GND signals.



UART0_TX

R7

DNF

QSPI_SS

R9

0R

FLASH_SS

QSPI_SCLK

QSPI_SSD0

QSPI_SSD1

QSPI_SSD2

QSPI_SSD3

R8

DNF

+3V3

U3

GND

C20

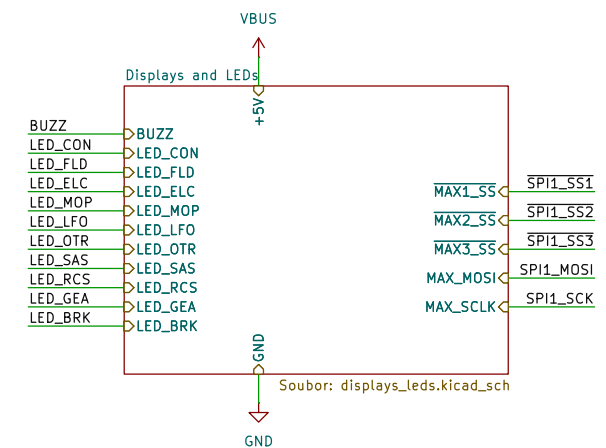
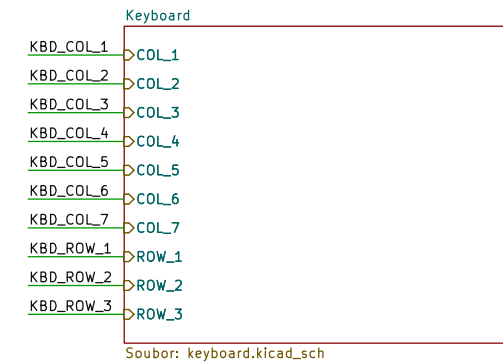
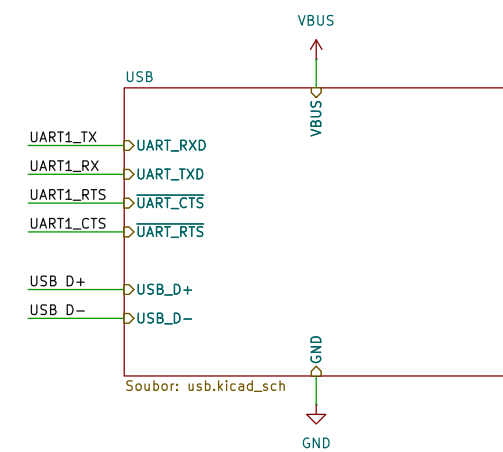
100n





W25Q128JVS

GND

The diagram illustrates the electrical connections for a Raspberry Pi RP2350B QFN-80 board. The board is shown in a yellow footprint with various pins and components. The components and their connections are as follows:

- Power Supply:** A 3V3 supply is connected to the board's 3V3 pin. A 1V1 supply is connected to the board's 1V1 pin. The 1V1 supply is also connected to the board's 1V1 pin.
- Decoupling Capacitors:** Capacitors C3, C4, and C5 are connected to the 1V1 supply. Capacitors C6, C7, and C8 are connected to the 3V3 supply. Capacitors C16 and C17 are connected to the 3V3 supply.
- Inductor:** Inductor L1 (3.3uH) is connected to the 3V3 supply.
- Resistor:** Resistor R1 (33 ohms) is connected to the 3V3 supply.
- Switches:** Two switches, SW1 and SW2, are connected to the board's SW1 and SW2 pins. Both switches are connected to ground.
- USB Port:** The board is connected to a USB D+ and D- port. The USB D+ pin is connected to the board's USB D+ pin. The USB D- pin is connected to the board's USB D- pin.
- Board Label:** The board is labeled "Raspberry Pi RP2350B QFN-80".



-  H1
MountingHole
-  H2
MountingHole
-  H3
MountingHole
-  H4
MountingHole

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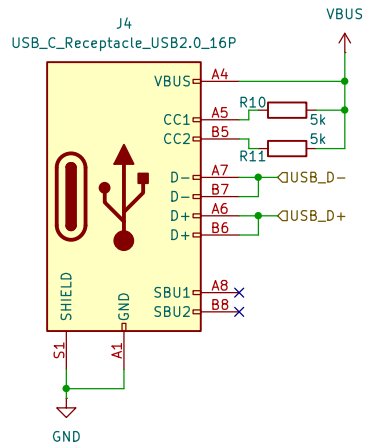
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Rev: 2.0

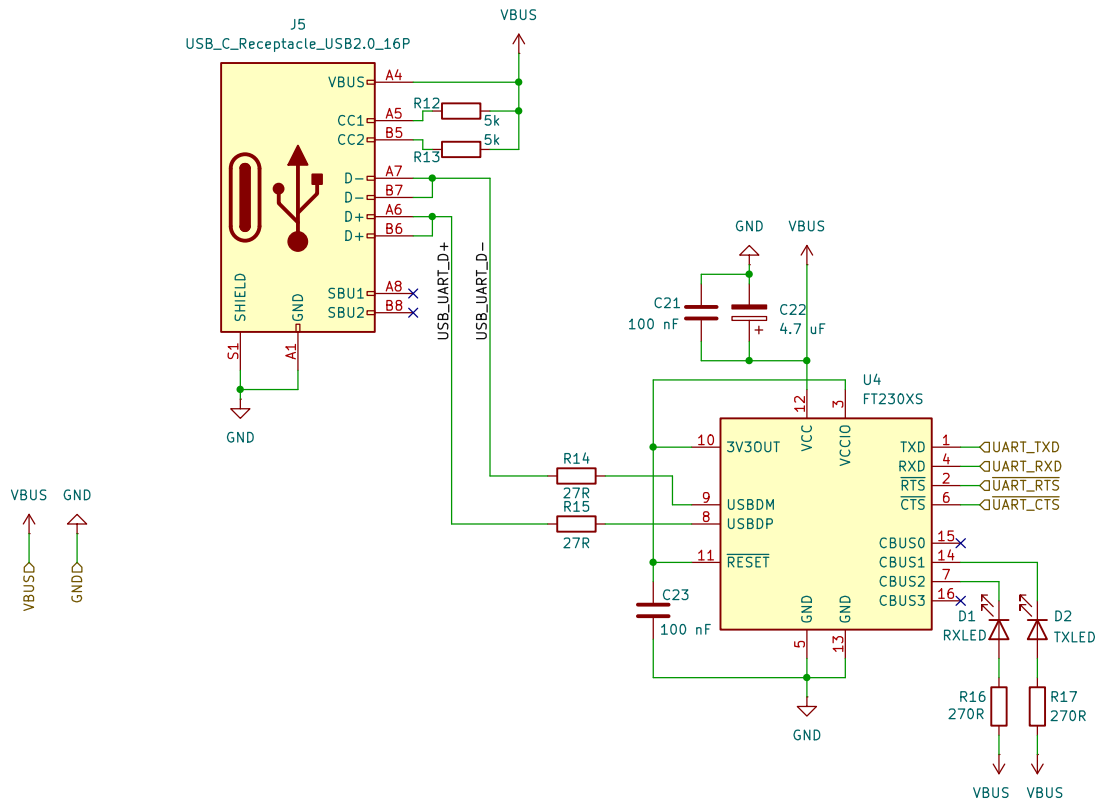
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USB – PROG



USB – UART



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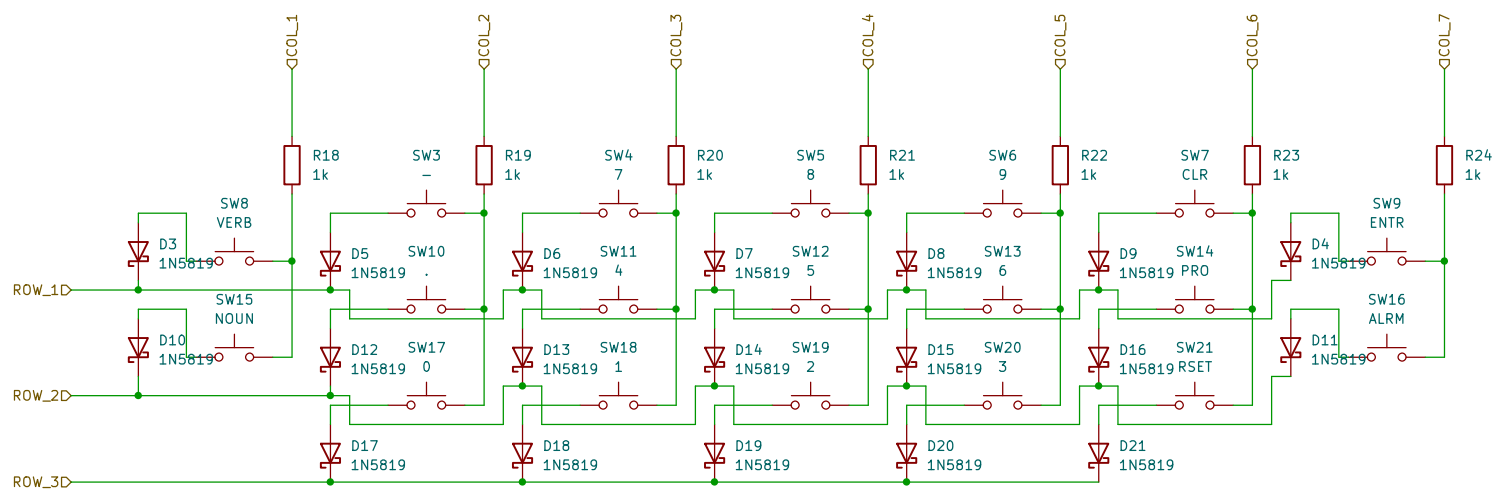
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Keyboard



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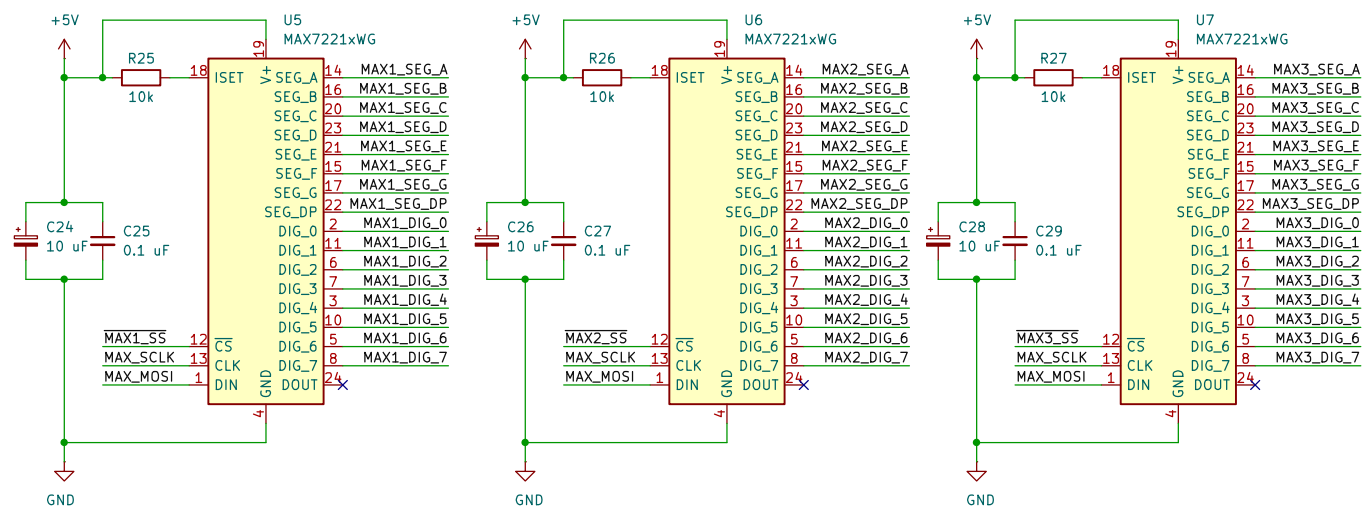
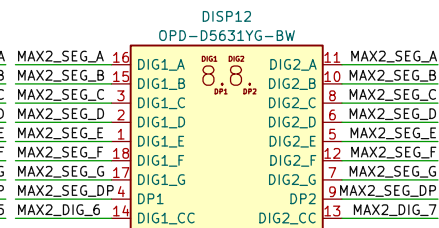
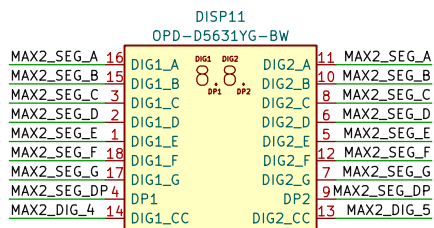
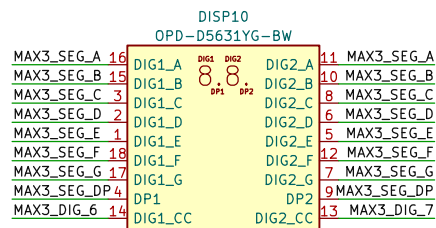
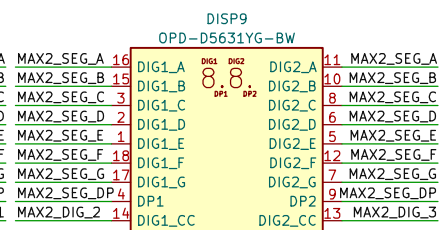
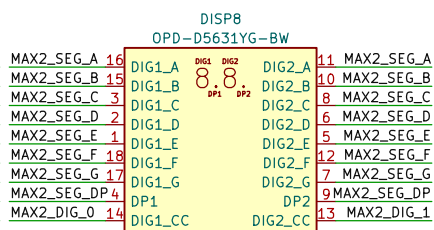
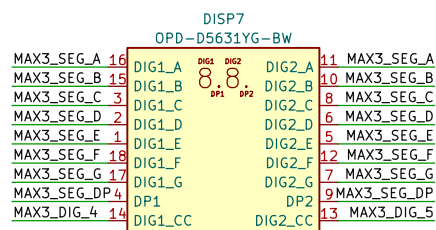
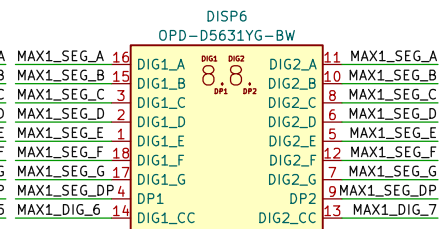
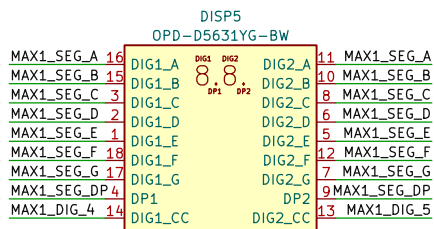
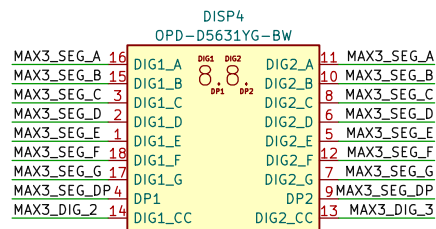
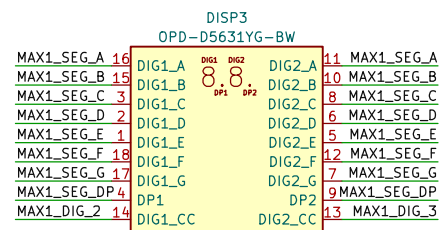
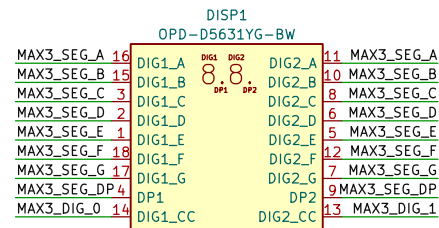
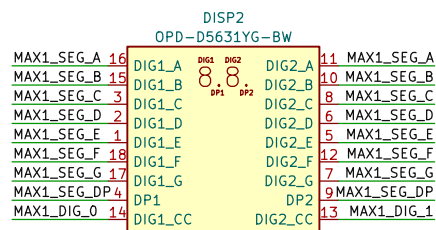
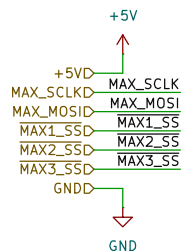
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Displays



Status LEDs

