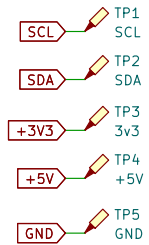
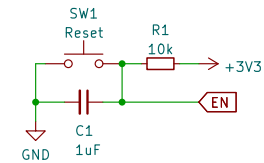


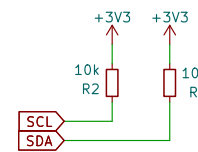
Test Points



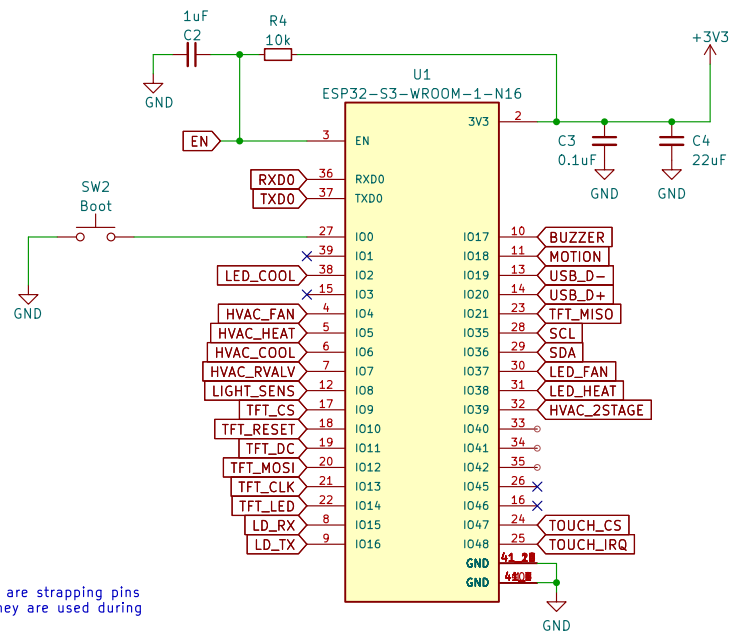
Reset Button



I2C Pullups

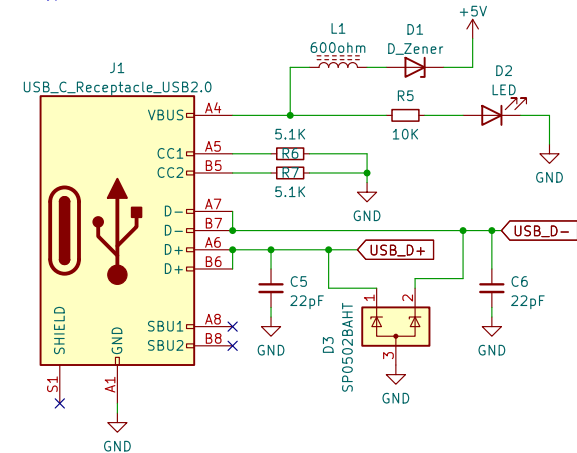


Processor (ESP32-S3)



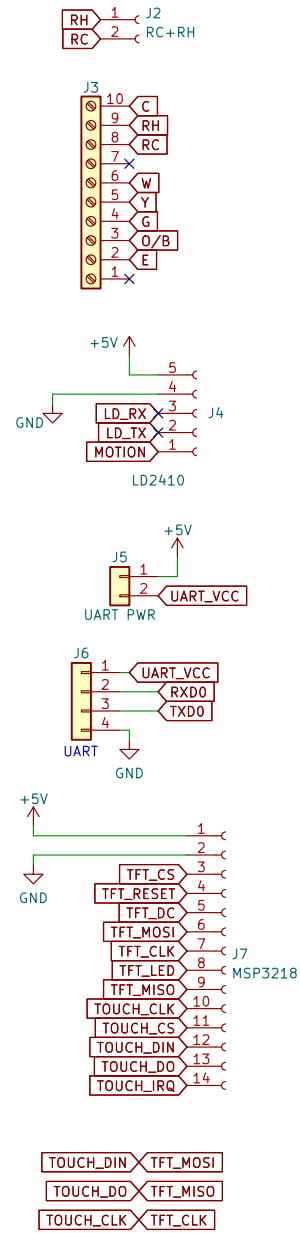
NOTE: IO3, IO45 and IO46 are strapping pins and should be avoided. They are used during ESP32 boot sequence.

USB Type-C

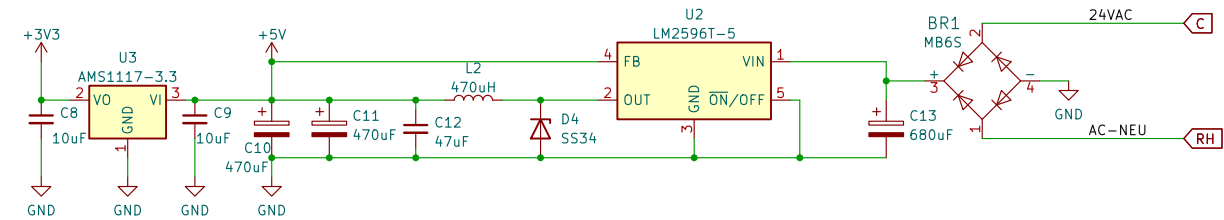


NOTE: USB shield is intentionally not connected. This port will be connected to a PC, which probably has its USB shield connected to Earth. Our GND and Earth must be isolated.

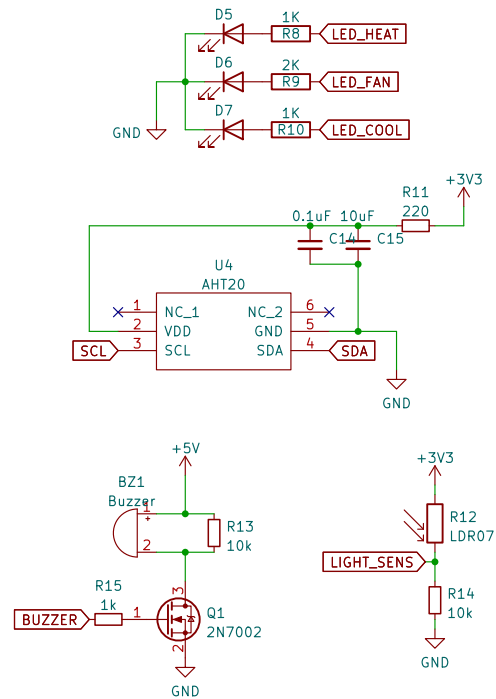
Connectors



Power Supply



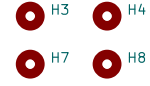
Sensors & Indicators



TFT Mounting Holes



PCB Mounting Holes



HVAC Relays

