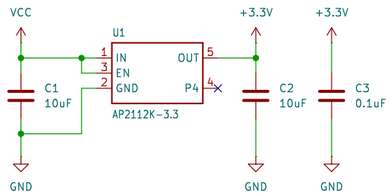
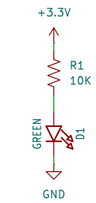
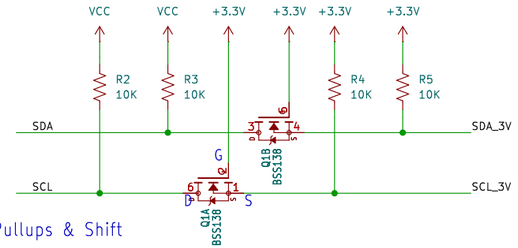
VCC = 3.3V – 5.5V
VBUS = 4.5V – 5.5V
Connected to USB VBUS if
installed on a Feather Board.



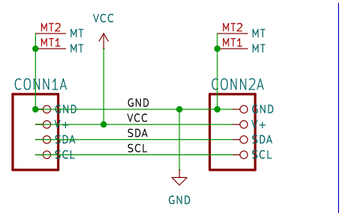
Power supply



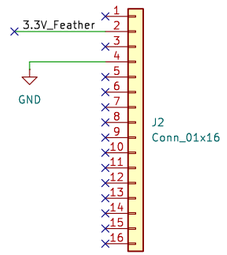
ON LED

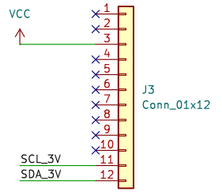


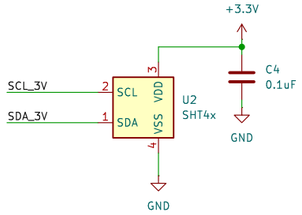
I2C Pullups & Shift



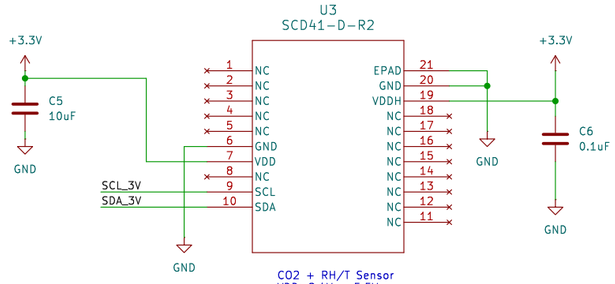
STEMMA/I2C Headers







VDD: 1.1–3.6V
Temperature: –40 – 125*C
I2C ADDRESS: 0x44

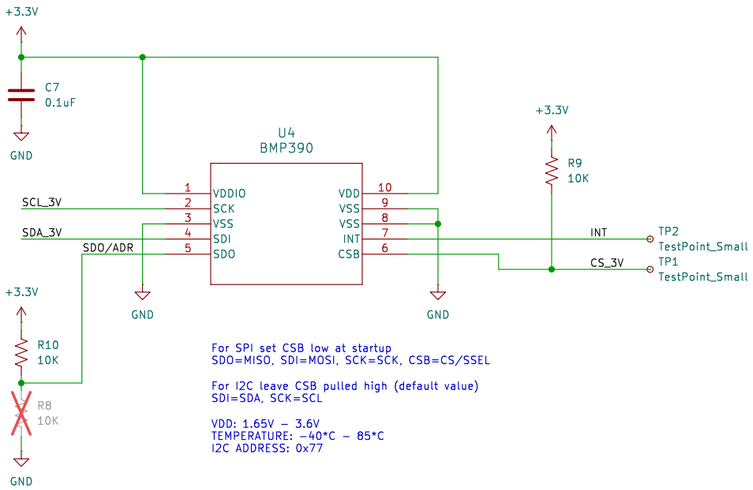


CO2 + RH/T Sensor
VDD: 2.4V – 5.5V
I2C Address: 0x62

TO DO:
Check LDO ripple AP2112K-3.3
Check max current consumption.
Update to Ultra Librarian Schematic Symbols and Footprints.
Check Datasheets and Adafruit Schematics

Check recommended footprints in datasheets. Are there keepouts?
Get Step Files
Add I2C Addresses to the silkscreen on the back of the board.
Try laying out the board in two layers with 4 square inches.

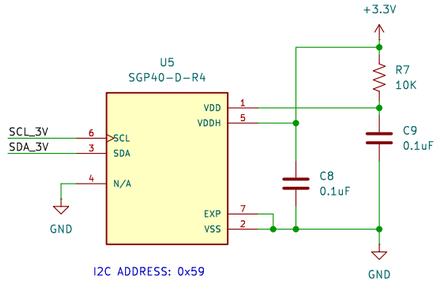
Round the corners of the board.
Add Pico 2 W footprint or add a microcontroller circuit.
Update SHT4x Footprint



For SPI set CSB low at startup
SDO=MISO, SDI=MOSI, SCK=SCK, CSB=CS/SSEL

For I2C leave CSB pulled high (default value)
SDI=SDA, SCK=SCL

VDD: 1.65V – 3.6V
TEMPERATURE: –40*C – 85*C
I2C ADDRESS: 0x77



I2C ADDRESS: 0x59

Sheet: /
File: Weather-Feather-Wing.kicad_sch

Title:

Size: USLedger	Date:	**Rev:**
KiCad E.D.A. 9.0.0		Id: 1/1