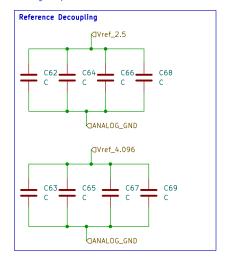
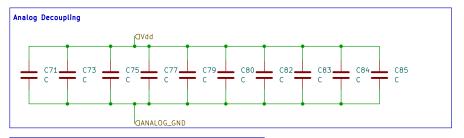
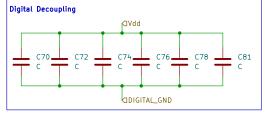


This is a placeholder for a CPU module. Could be a Raspberry Pi or ESP32 or another microcontroller module with (TBD) GPIO lines, at least one SPI bus with (3) CS lines, and one 12C Bus. □ADC_BATT CIADC_TEMP ♦12C_SDA D12C_SCL ⟨ISPI_MISO | DSPI_MOSI DSPI_SCLK DSPI_CS0 DSPI_CS1 DSPI_CS2 □+5.0V □+3.3V ♦GND_CB DEN/SH_0 DEN/SH_1 DEN/SH_2 □ CALIBRATE Sheet: /Micocontroller/ File: microcontroller.kicad_sch Title: Size: A4 Date: Rev: KiCad E.D.A. 8.0.9 ld: 6/8

J21 Some sensors will need to come with their +5٧ SLOT 1 own digital breakout boards (DO, CO2, EC, etc.)
To support these, this board provides a common interface to the CPU and signal conditioning to those units. EN_SH _SLOT_ADDR_0 _SLOT_ADDR_1 _SLOT_ADDR_2 SPI_MISO SPI_MOSI CALIBRATE SPI_SCLK SPI_CS I2C_SCL I2C_SDA Sheet: /Digital Sensor Module 4/ File: digital_sensor_4.kicad_sch Title: Size: A4 Date: Rev: KiCad E.D.A. 8.0.9 ld: 7/8 Decoupling Capacitors are connected as close as possible to each IC of the given power domain.







Sheet: /Sensor Module 8/Sensor 8 decoupling/ File: sensor_8_decoupling.kicad_sch

Title:

 Size: A4
 Date:
 Rev:

 KiCad E.D.A. 8.0.9
 Id: 8/8