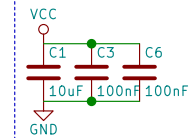
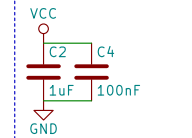


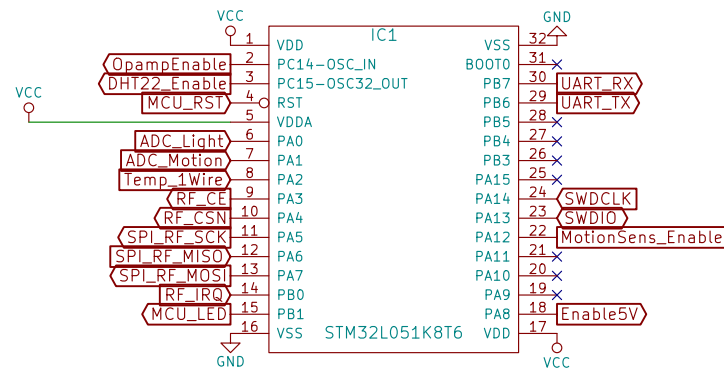
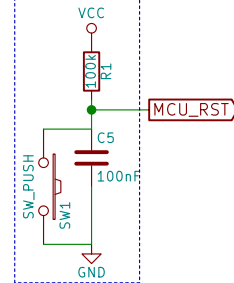
Close to VDD & VSS



Close to VDDA



Reset circuit



Peripherals:
RF module (SPI, CSN, CE, IRQ)
DHT (1wire, enable)
Light sensor (adc, enable)
Motion (ADC, enable)
UART
SWD

Sheet: /CPU/
File: cpu.sch

Title:

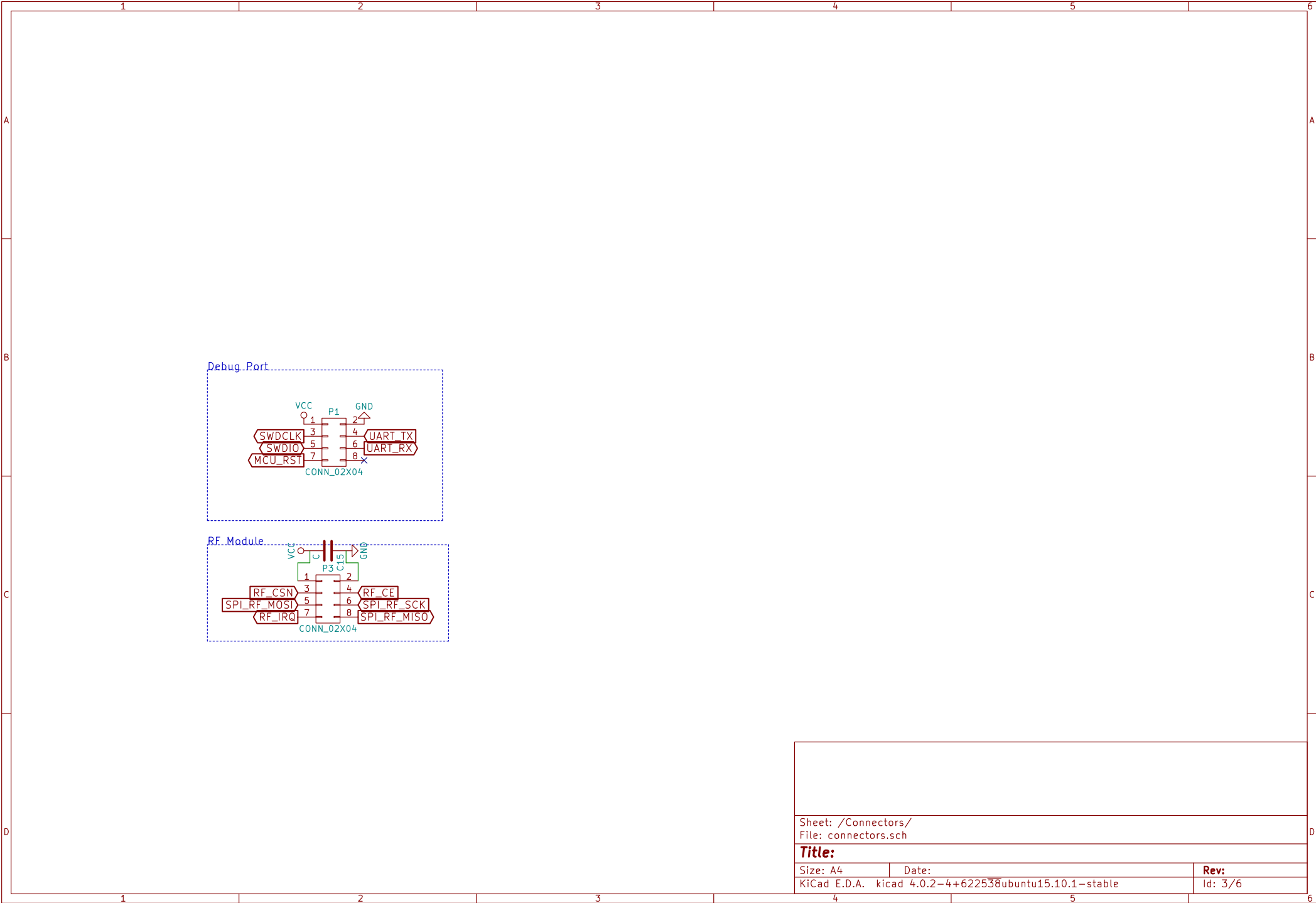
Size: A4

Date:

KiCad E.D.A. kicad 4.0.2-4+622538ubuntu15.10.1-stable

Rev:

Id: 2/6



Sheet: /Connectors/
File: connectors.sch

Title:

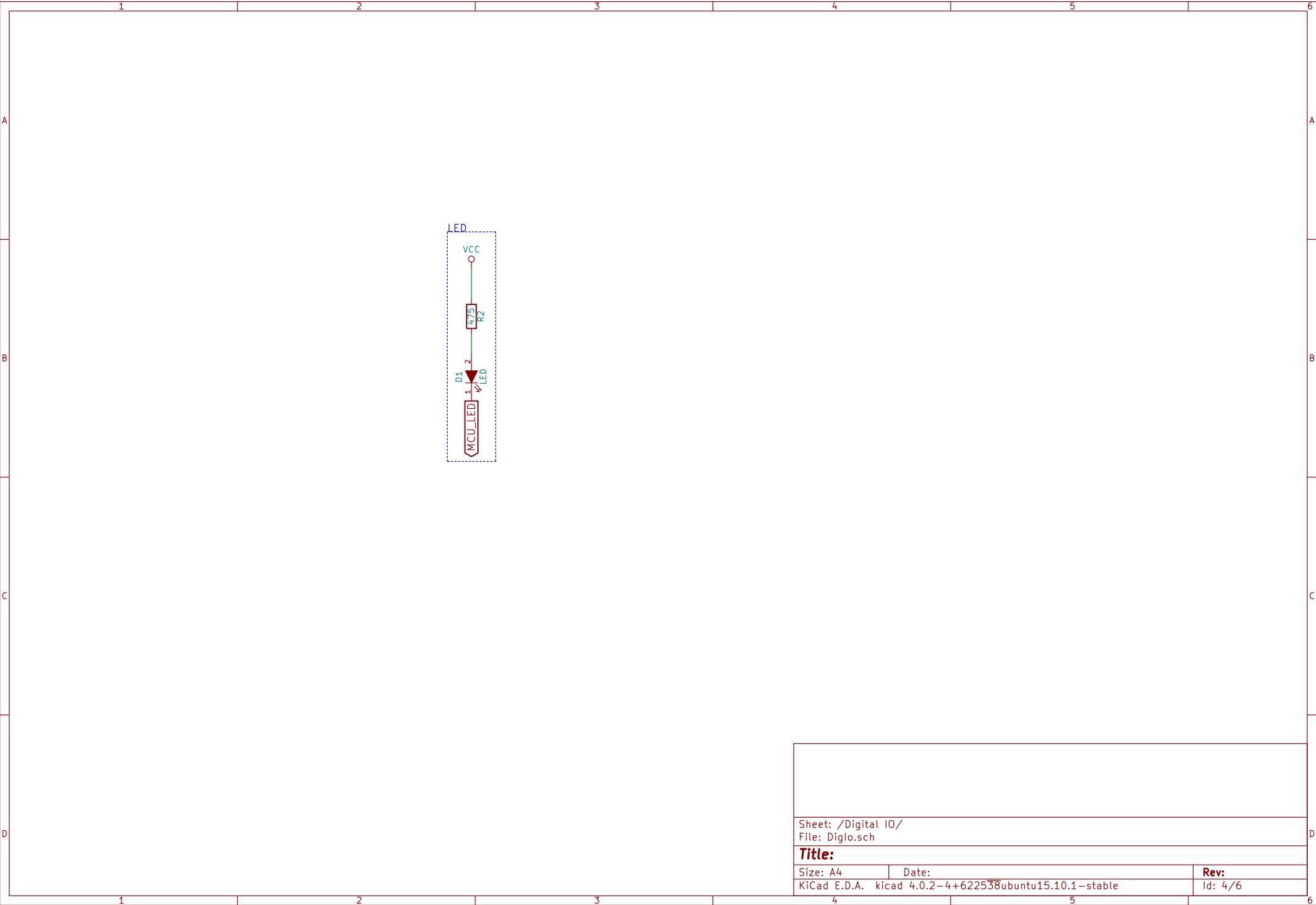
Size: A4

Date:

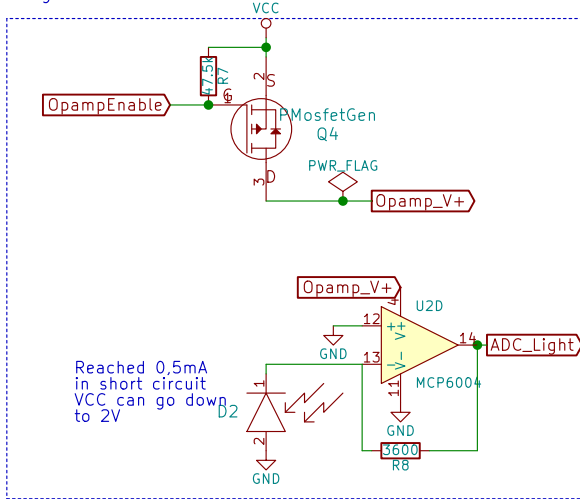
KiCad E.D.A. kicad 4.0.2-4+622538ubuntu15.10.1-stable

Rev:

Id: 3/6

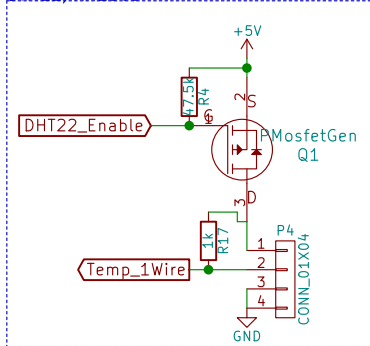


Light Sensor

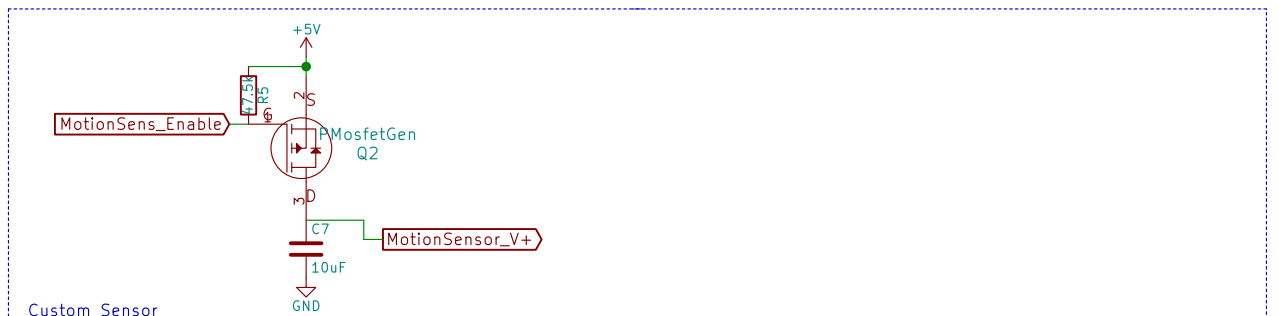


Todo:
* Check if opamp truly clips at vcc and gnd

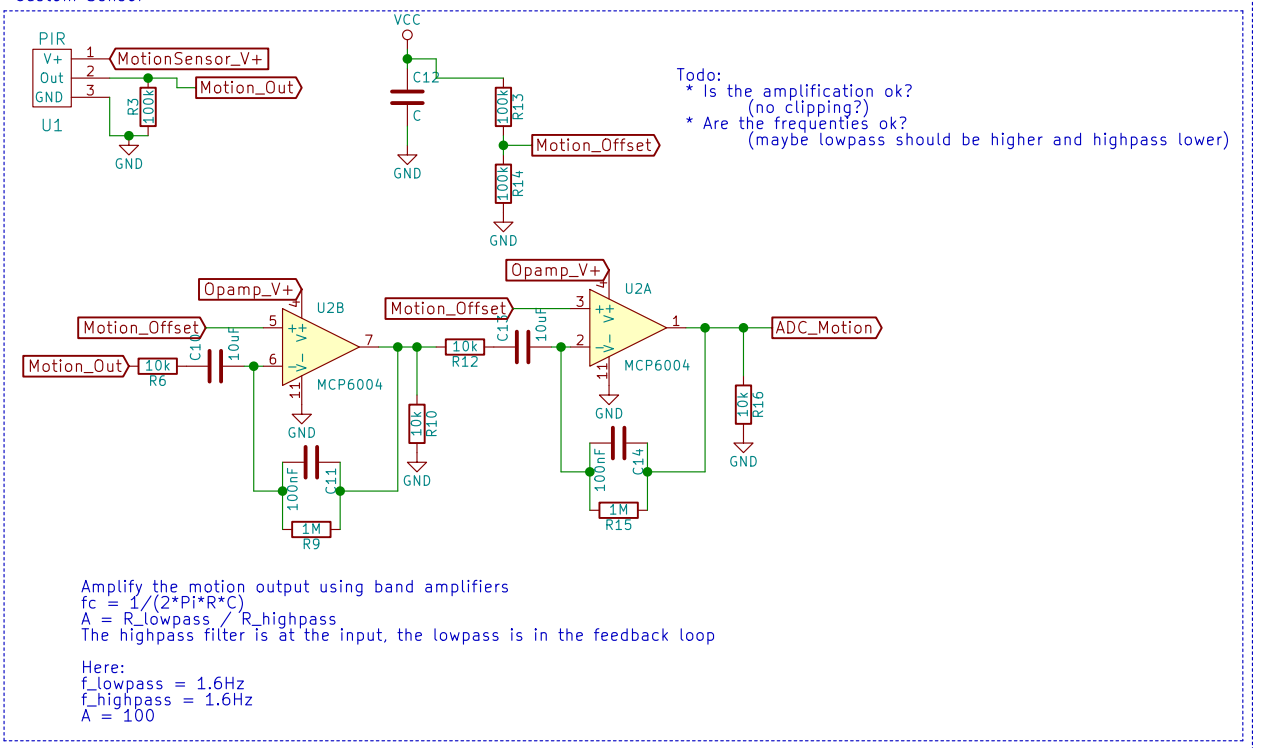
DHT22/AM2303



Motion Sensor Power



Custom Sensor



Sheet: /Sensors/
File: Sensors.sch

Title:

Size: A4
KiCad E.D.A. kicad 4.0.2-4+622538ubuntu15.10.1-stable

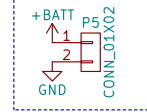
Date:

Rev:

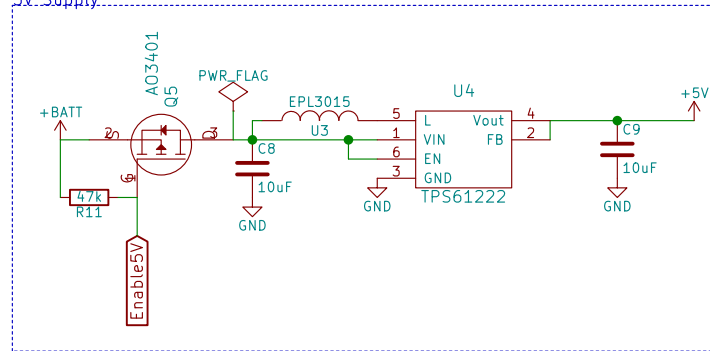
Id: 5/6



Battery Input



5V Supply



Sheet: /Supply/
File: Supply.sch

Title:

Size: A4 Date: KiCad E.D.A. kicad 4.0.2-4+622538ubuntu15.10.1-stable

Rev: Id: 6/6