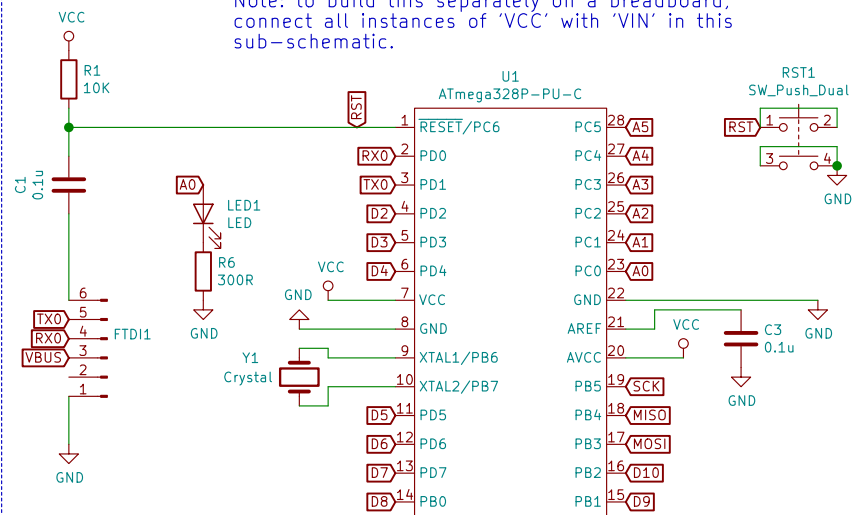


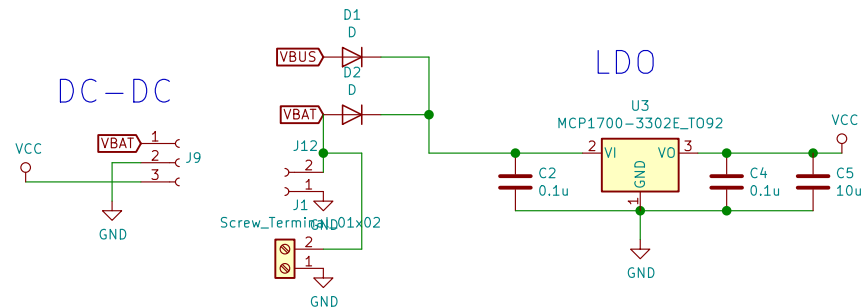
1) Minimum 'UNO' + FTDI

Note: to build this separately on a breadboard, connect all instances of 'VCC' with 'VIN' in this sub-schematic.

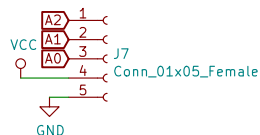


2) Power

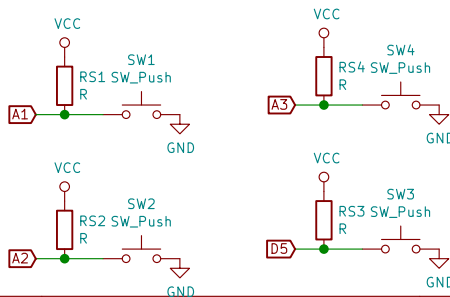
This converts input voltage (max 6V) to 3.3V. NOTE: this is necessary if you want to add the "3) Radio" part of the schematic -- the radio can only handle 3.3V max.



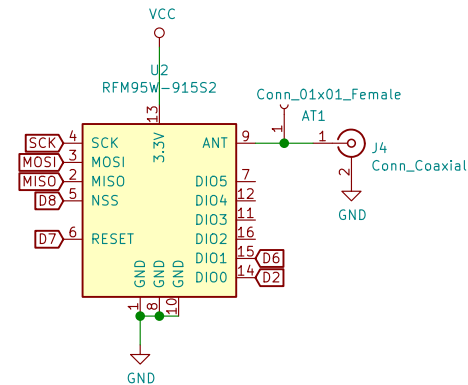
9) Misc



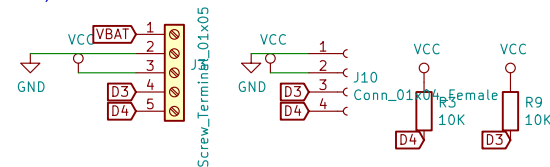
10) Buttons



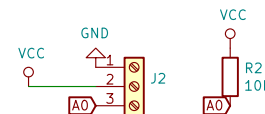
3) LoRa Radio



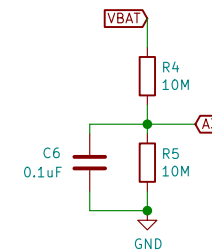
6) DHT22 / SHT10 / UART



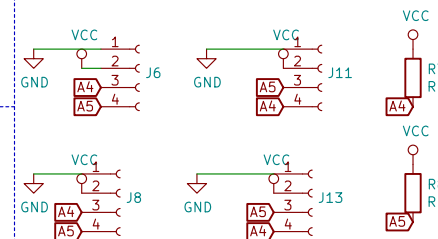
7) One Wire



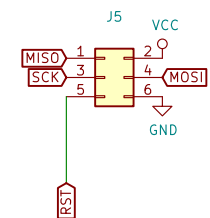
4) Battery Level



5) I2C / Gen purpose



8) ISP



H1 MountingHole H2 MountingHole H3 MountingHole H4 MountingHole

Sheet: /
File: dippy.sch

Title:

Size: A4

Date:

KiCad E.D.A. kicad 5.0.2-bee76a070ubuntu18.04.1

Rev:

Id: 1/1