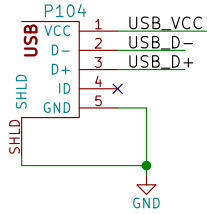
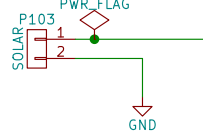


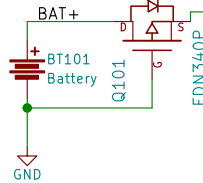
## USB Charging/Serial



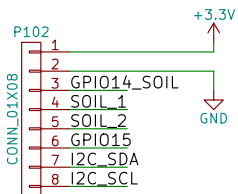
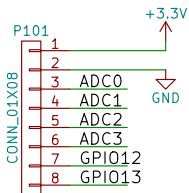
## Solar Panel VIN (7VDC Max)



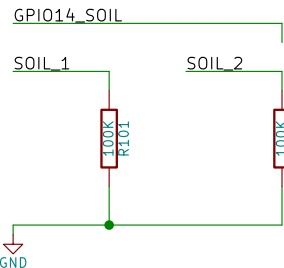
## 18340 Cell Holder (3.7V)



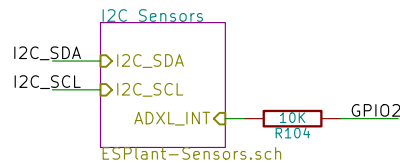
## Screw Terminals for External Connections



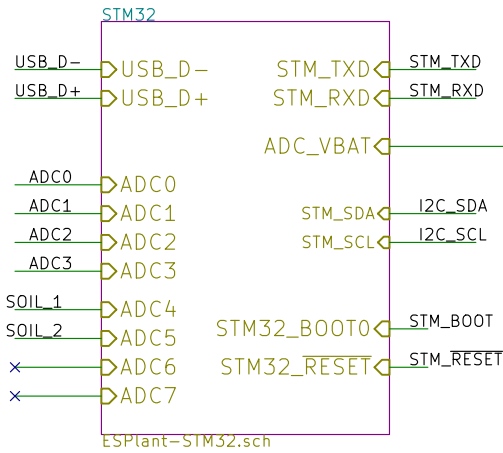
## Soil Moisture Sensors



GPIO14\_SOIL used to pulse current through soil moisture sensors  
Wire GPIO14 to one side of the sensor, SOIL1/SOIL2 to the other.

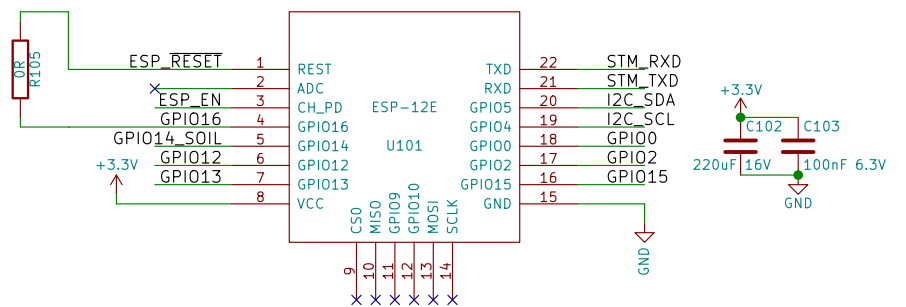


## STM32 USB/Serial & ADC Combo

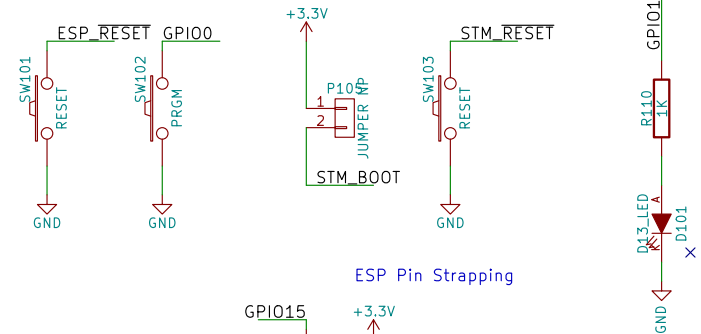


Voltage divider  
0-7V -> 0-3.5V,  
based on 50K  
ADC input impedance  
(datasheet)

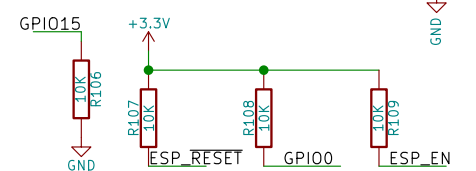
## ESP8266 WiFi Microcontroller



## Buttons & LEDs



## ESP Pin Strapping

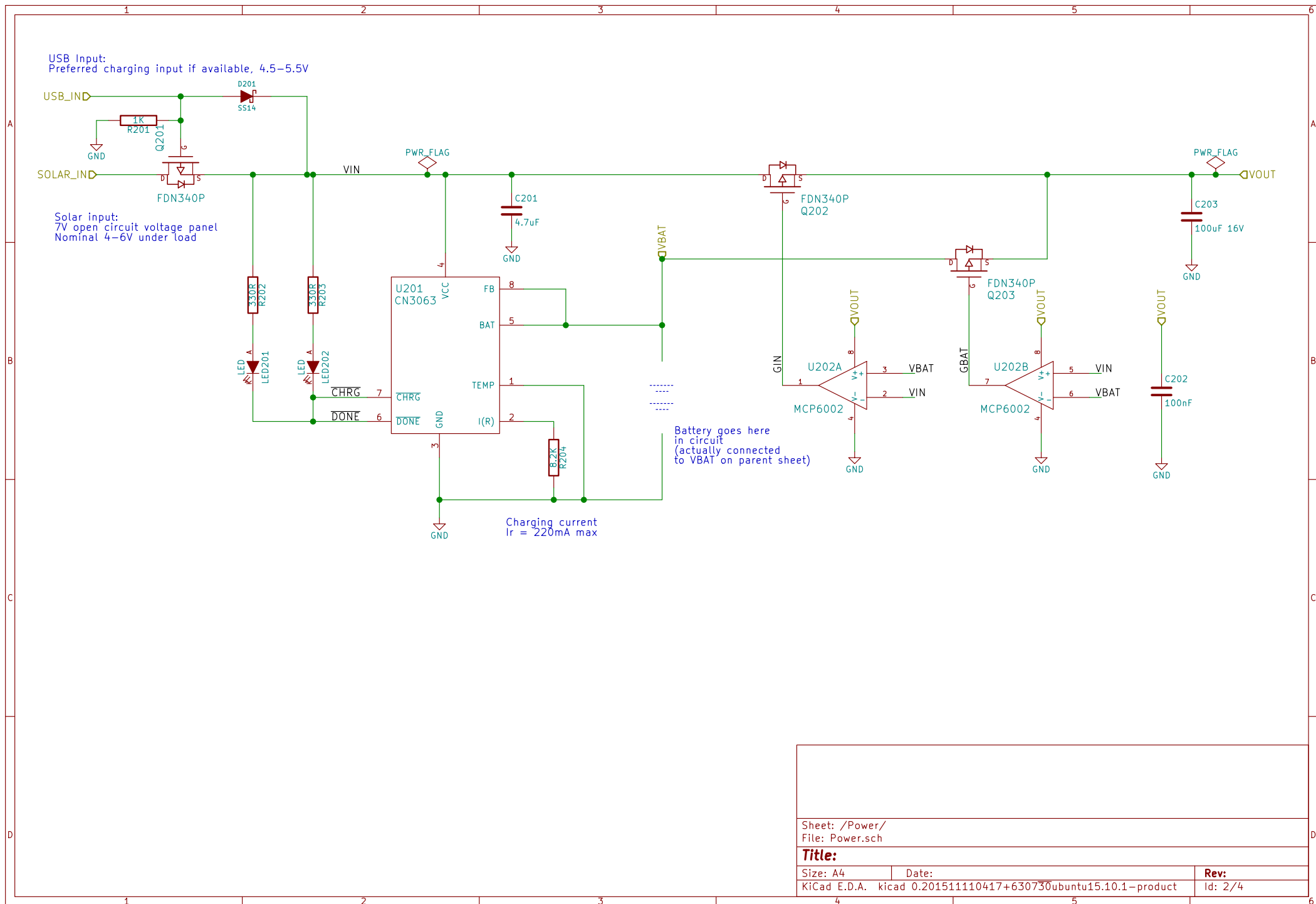


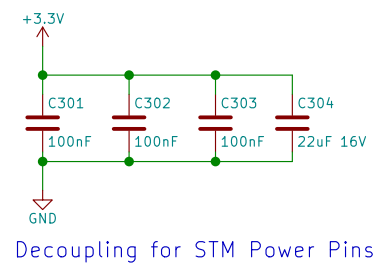
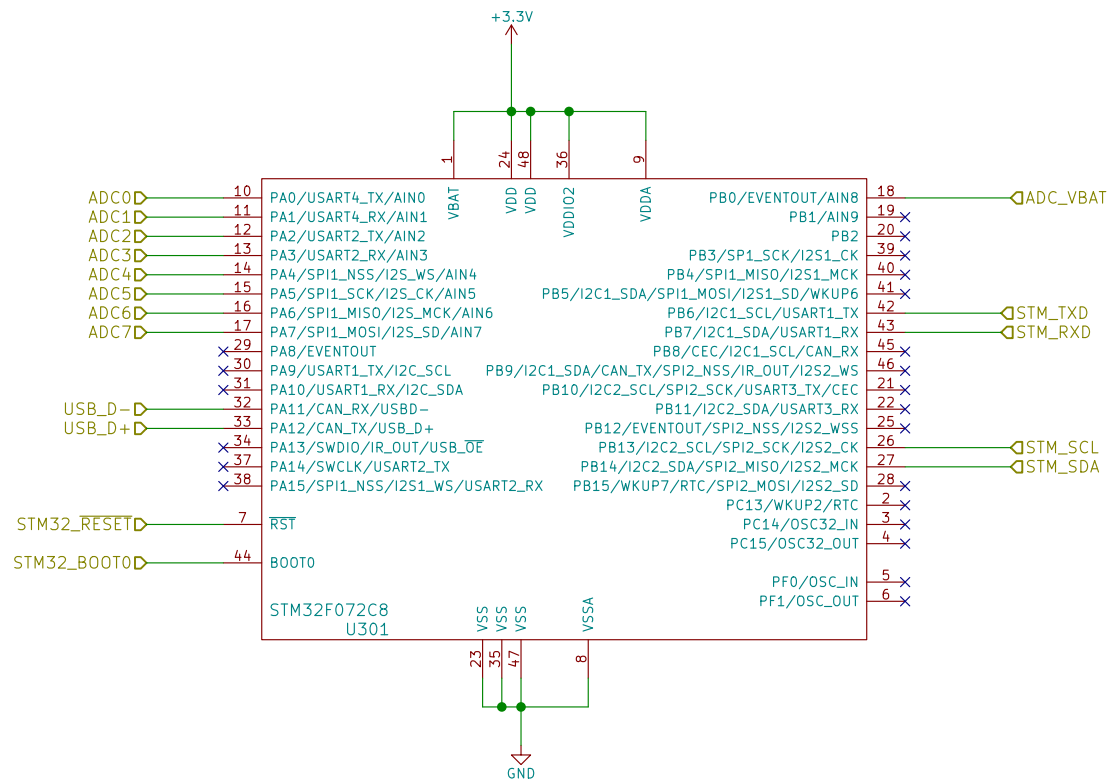
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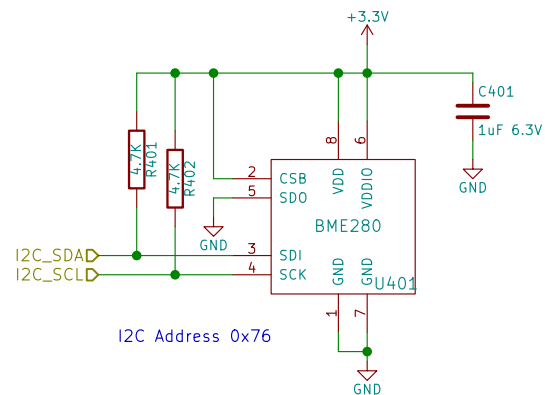
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Rev: Id: 1/4

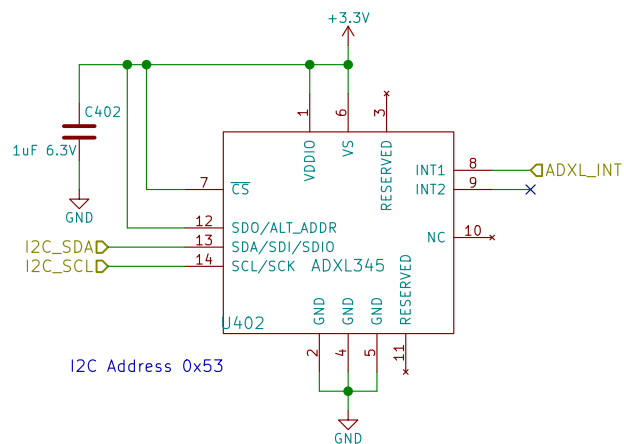




# BME280 Temp/Humidity/Pressure



# ADXL345 Fall Over Sensor / Accelerometer



Sheet: /I2C Sensors/  
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## Title:

Size: A4 Date: 2015111110417+630730ubuntu15.10.1-product  
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Rev: 4/4