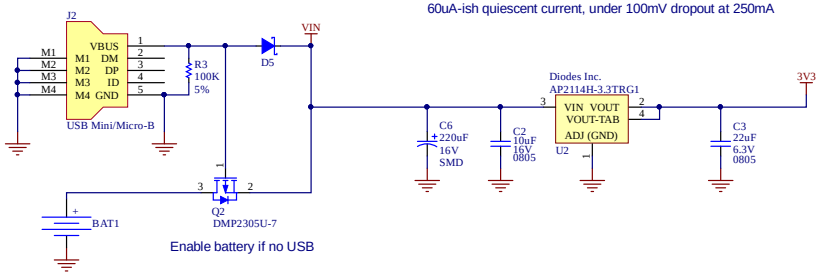
Input Power

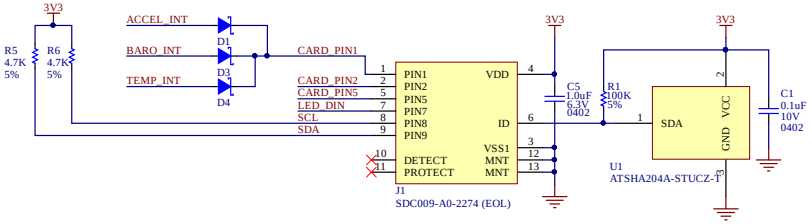


Enable battery if no USB

3V3 Power Supply

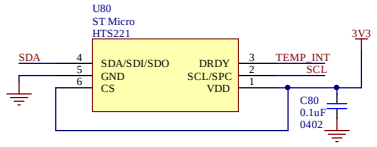
60uA-ish quiescent current, under 100mV dropout at 250mA

Imp Slot and ID Chip



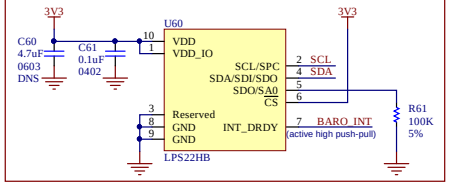
Temperature+Humidity Sensor

8-bit Address: 0xBE



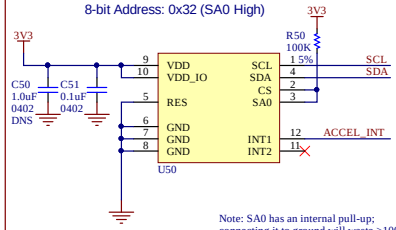
Air Pressure Sensor

8-bit Address: 0xB8



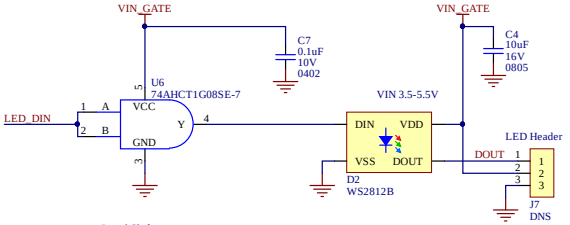
3-Axis Accelerometer

8-bit Address: 0x32 (SA0 High)



Note: SA0 has an internal pull-up;
connecting it to ground will waste >100µA @3V

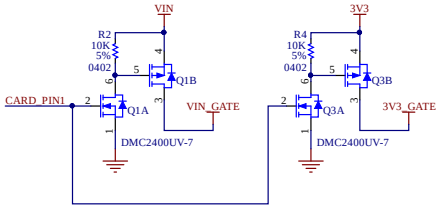
WS2812 RGB LED



Level Shifting

Power Gates

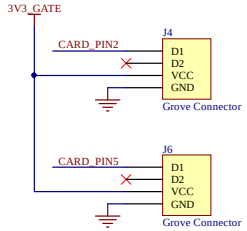
So we can cut power to all power hungry peripherals



Grove system headers

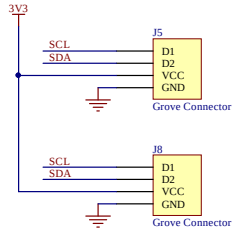
see http://wiki.seeedstudio.com/wiki/Grove_System

Compatible with single pin 3.3v digital
or analog input/output devices



Power to analog/digital I/O headers
is gated by pin1 to reduce sleep power

Compatible with 3.3v I2C devices



Constant power to I2C headers

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