

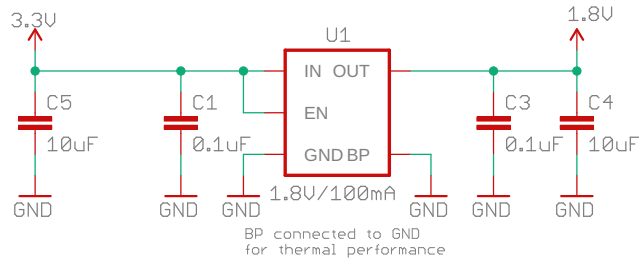


EN: This Datasheet/Document is presented by the manufacturer.

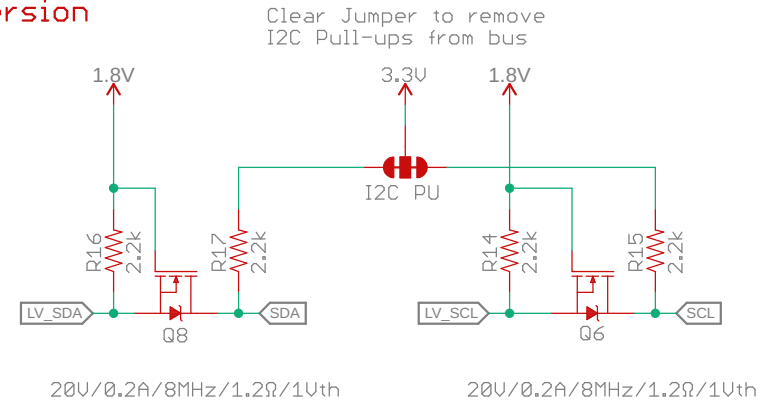
Please visit our website for pricing and availability at www.hestore.hu.

Voltage Regulation

Input Voltage: 3.3V (Qwiic)

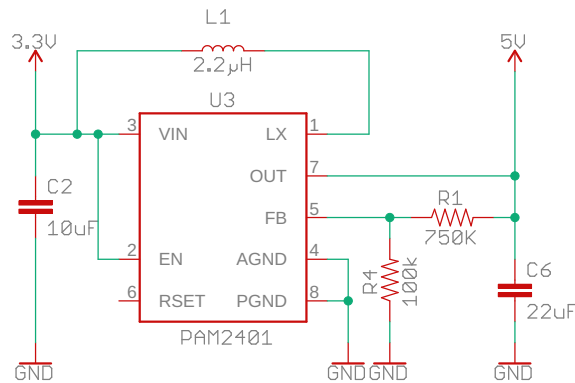


Logic Conversion



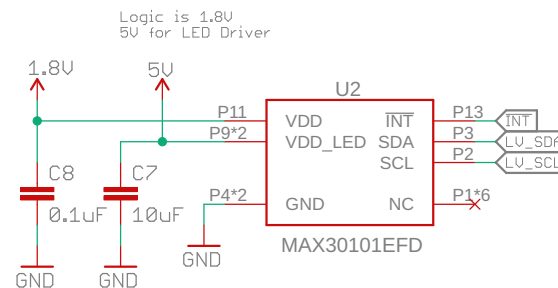
DC-DC Converter

Acceptable input voltage: 2.4-4.75 (3.3V via Qwiic)

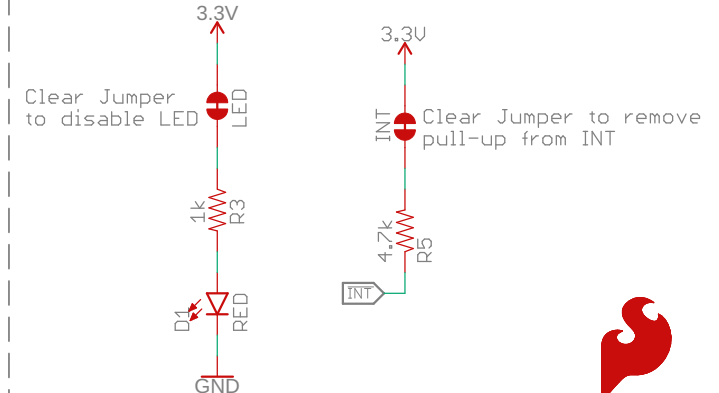


Sensor

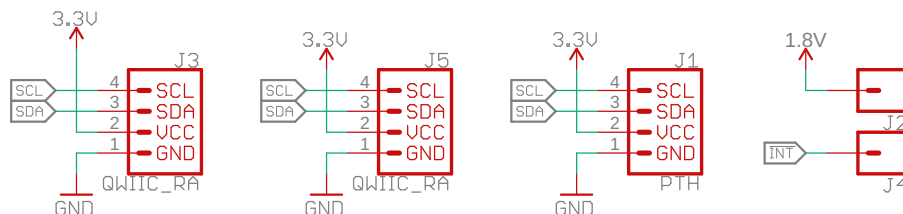
Typical current consumption: 600-1100 uA
VCC Range: 1.7 - 2.0V
VCC RED and IR LED: 3.1-5.0V
VCC GREEN LED: 4.5 - 5.5V



7-Bit I2C: 0x57



I2C Connections



sparkfun

open hardware
Qwiic

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TITLE: SparkFun_MAX30101_Qwiic

Design by: Pete Lewis

Based on a design for the MAX30105 by N. Seidle

REV:

v12

Date: 6/16/2020 12:29 AM

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