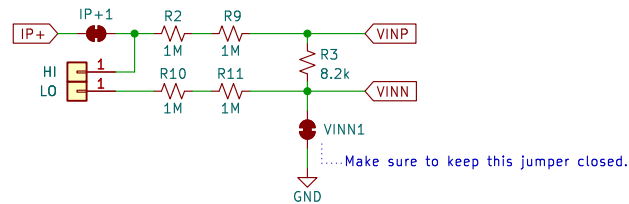
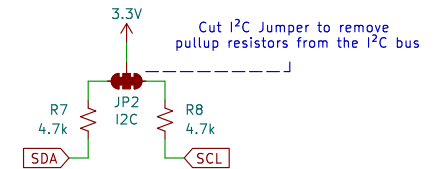


Voltage Sensing

The ACS37800 can sense a maximum of $\pm 250\text{mV}$ between VINP and VINN.
For 60VDC maximum input, with $R_{\text{SENSE}} = 8.2\text{k}\Omega$ ms
VINP - VINN will be 245mV

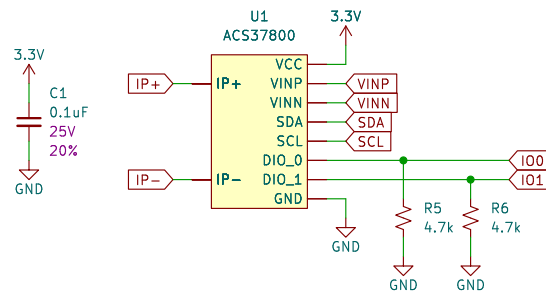


I²C Pull-Up

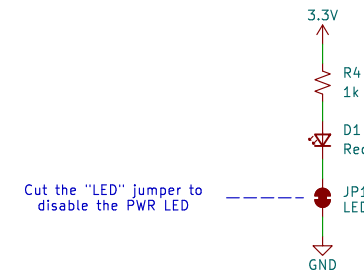


Power Monitoring IC – ACS37800

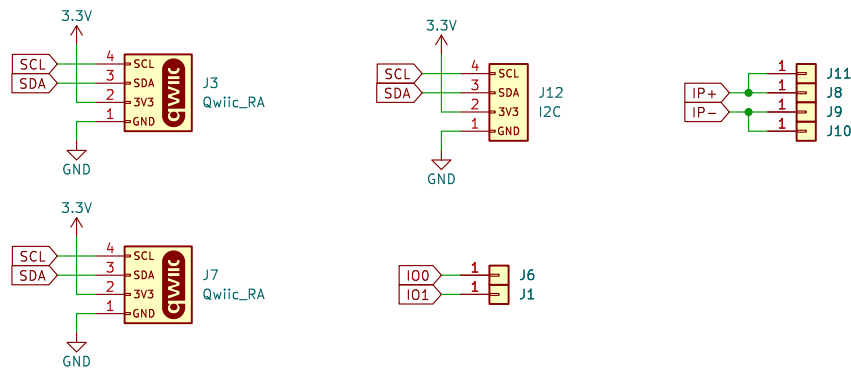
Default 7-bit unshifted I2C Address: 0x60
I2C address can be changed in EEPROM



LED



Connectors



Revised By: Elias Santistevan
Designed By: Nick Poole

SparkFun Electronics

Sheet: /

File: Qwiic_Power_Meter-ACS37800.kicad_sch

Title: SparkFun Qwiic Power Meter ACS37800

Size: USLetter Date: 2025-07-11

KiCad E.D.A. 9.0.2

Rev: v10

Id: 1/1