LED

Cut the PUR jumper to disable the PUR LED

I2C Pull-Up

Cut the I2C jumper to remove pull-up resistors from the I2C bus

ACS37800

With DIO0 and DIO1 pulled low, the default I2C address is 0x60.
The address can be set in EEPROM (via i2c_slv_addr and i2c_org_slv_addr)

Voltage Sensing

The ACS37800 can sense a maximum of +/- 250mV between UINP and UINN.
For 60VDC maximum input, with RSENSE = 8.21Ohms,
UINP - UINN will be 24mV

Connectors

open hardware

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TITLE: Quic_Power_Meter-ACS37800

Design by: Paul Clark

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