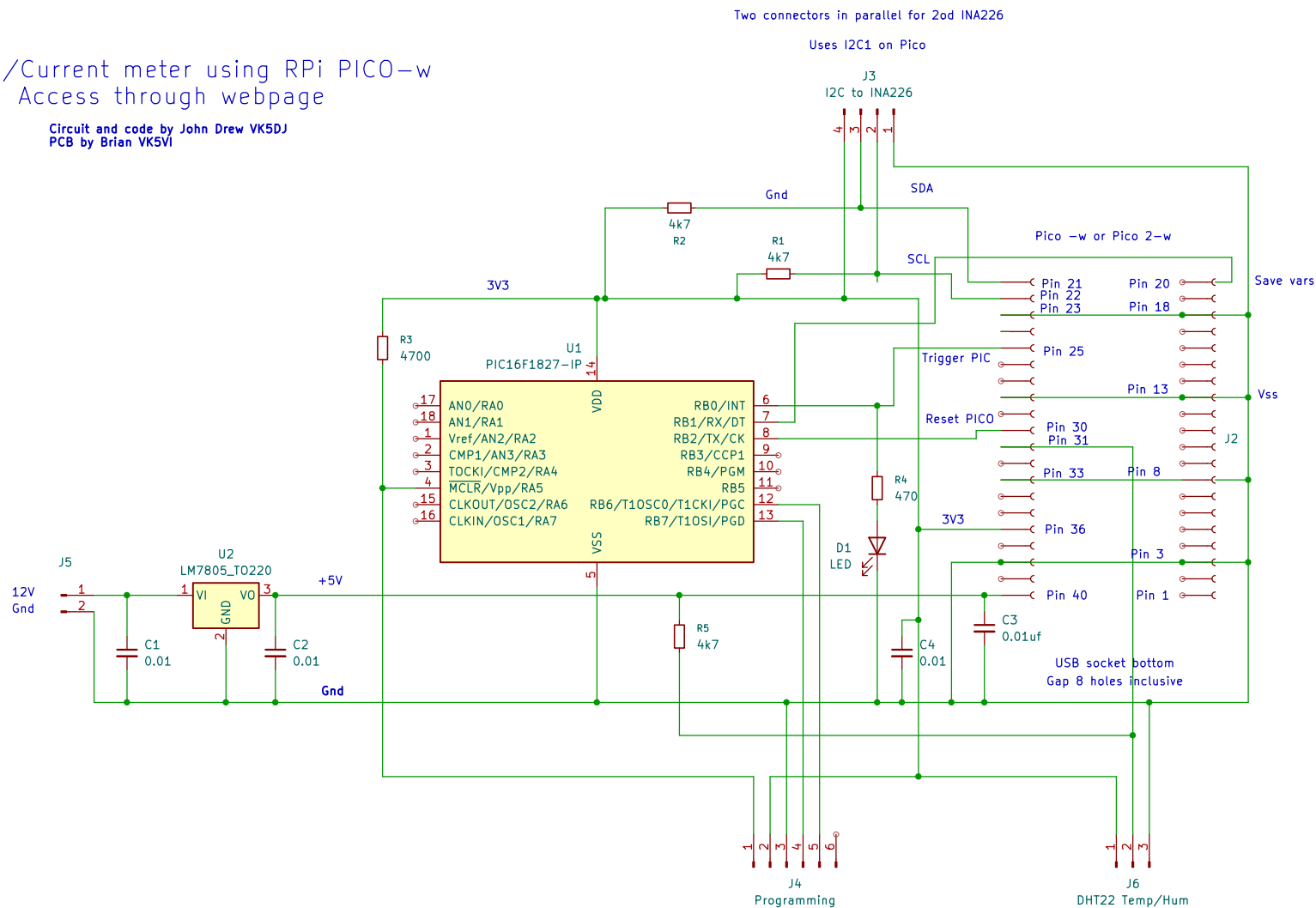


# Voltage/Current meter using RPi PICO-w Access through webpage

Circuit and code by John Drew VK5DJ  
PCB by Brian VK5VI



VK5DJ Volts and Amps remote readout for solar sites  
Download Webmite software from :<https://geoffg.net/webmite.html>  
Read the Webmite manual for how to load  
Load WebmiteRP2040 or 2350 V6 for PICO-w or PICO2-w  
Load: VK5DJbat.bas  
Load: index.html  
Load: settings.dat  
Last three files and further information [https://vk5dj.com/remote\\_pwr.html](https://vk5dj.com/remote_pwr.html)  
Load INA226 uses address H40  
Solar INA226 uses address H41

Programming socket: 1 = MCLR, 2 = Vdd, 3 = Vss, 4 = PGD, 5 = PGC, 6 = NC  
I2C socket: 1 = gnd, 2 = SCL, 3 = SDA, 4 = Vcc  
Power connector: 1 = Vdd +12V, 2 = Gnd  
PICO-W: 40 = 5V, (3,8,13,18,23,28,38)= gnd, 25 = LED detect, 20 = Save, 30 = RST, 36 = 3V3

Sheet: /

File: Voltage-current vk5rmg.kicad\_sch

**Title:** VK5DJ Volt/Amps monitor circuit for solar sites

Size: A4

Date: 15 Feb 2026

Rev: 2.0

KiCad E.D.A. 9.0.7

PCB design Brian VK5VI

Id: 1/1