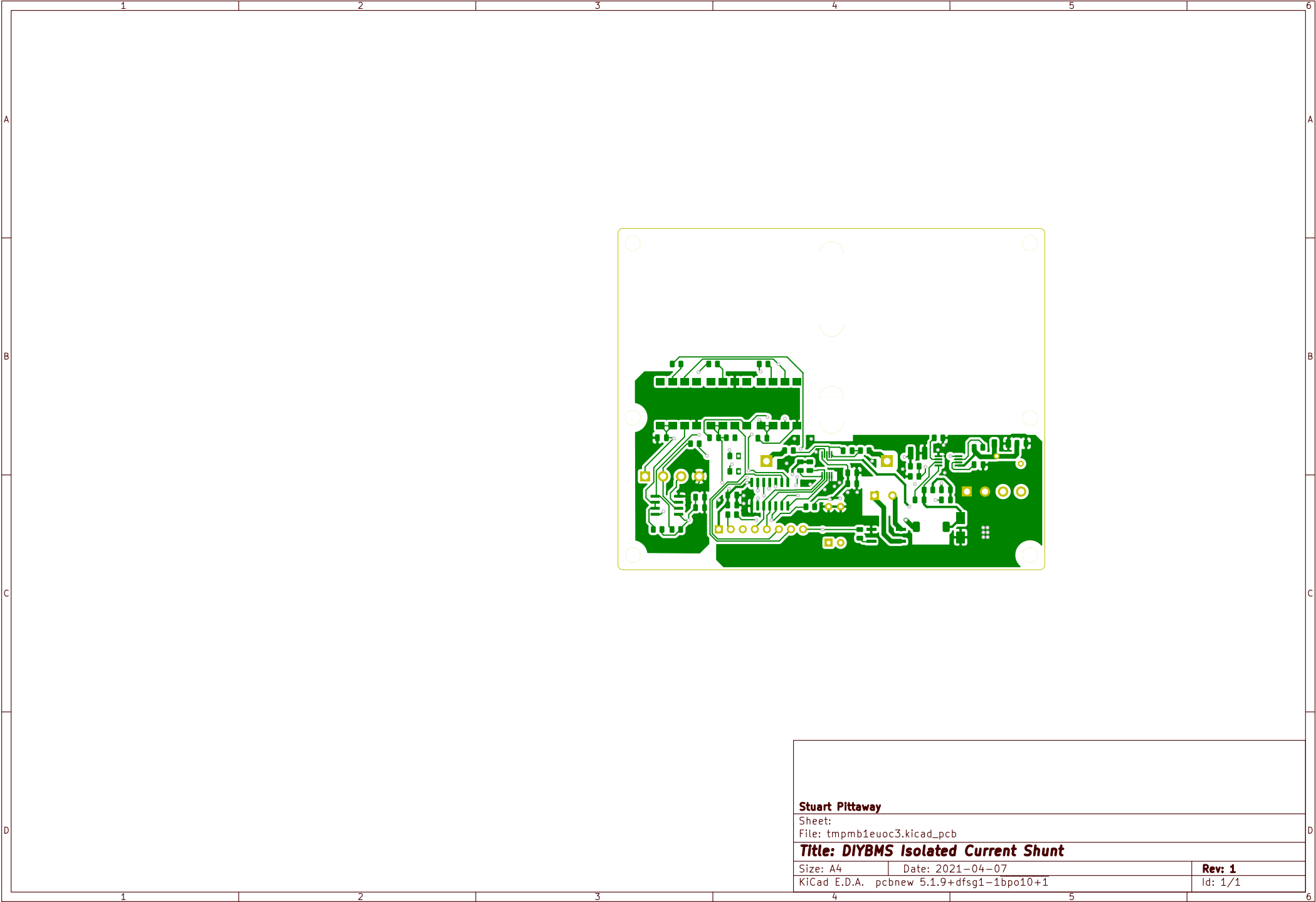


Stuart Pittaway

Sheet:
File: tmpmb1euoc3.kicad_pcb

Title: DIYBMS Isolated Current Shunt

Size: A4	Date: 2021-04-07	Rev: 1
KiCad E.D.A.	pcbnew 5.1.9+dfsg1-1bpo10+1	Id: 1/1

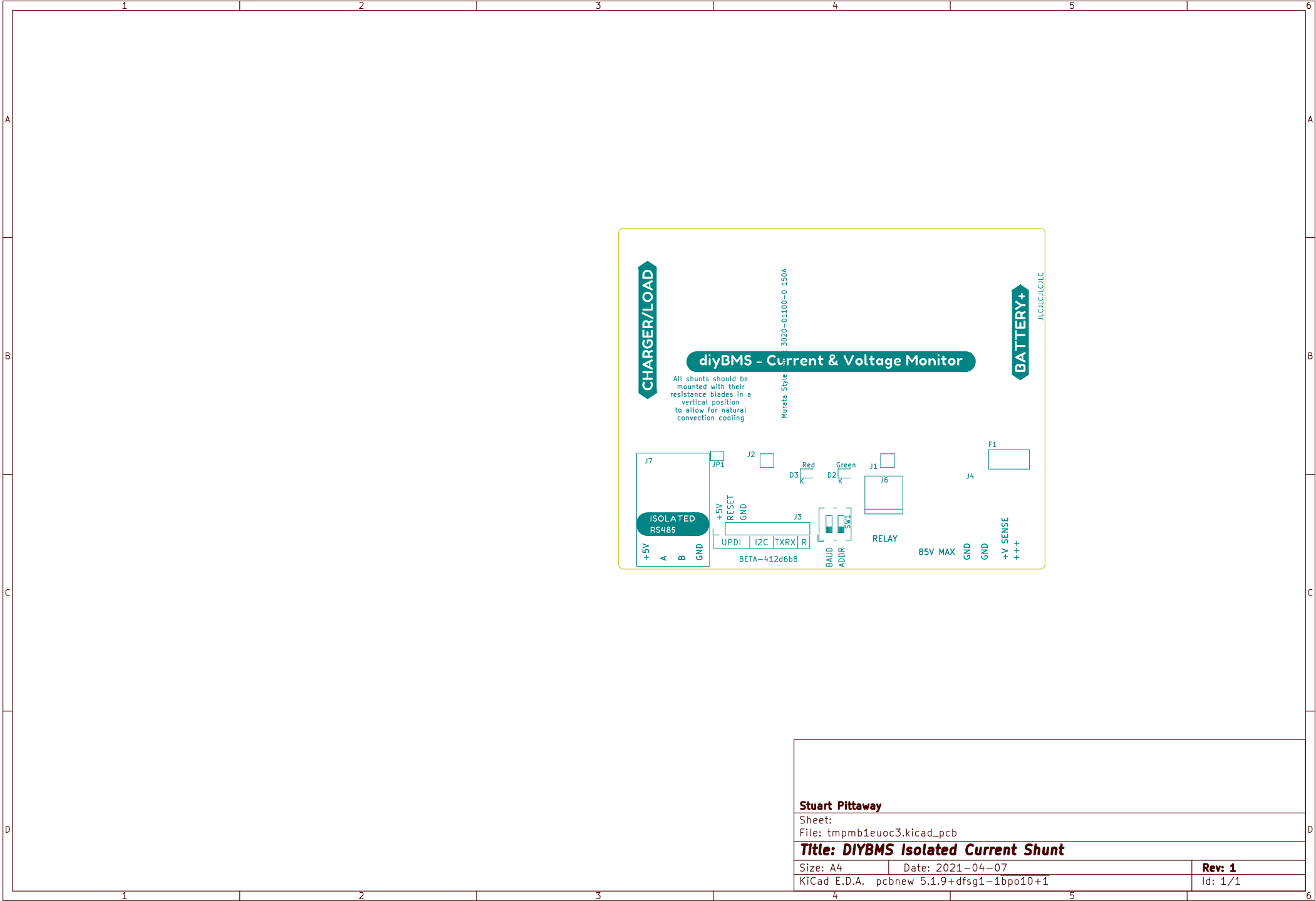


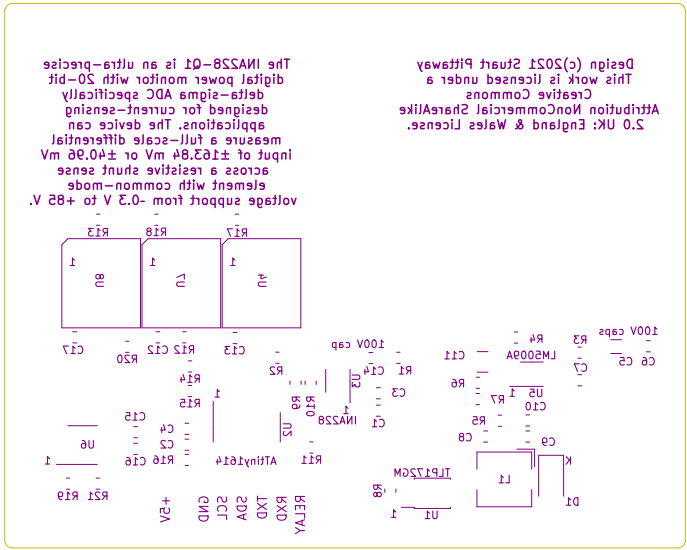
Stuart Pittaway

Sheet:
File: tmpmb1euoc3.kicad_pcb

Title: DIYBMS Isolated Current Shunt

Size: A4	Date: 2021-04-07	Rev: 1
KiCad E.D.A.	pcbnew 5.1.9+dfsg1-1bpo10+1	Id: 1/1





Design (c) 2021 Stuart Pittaway
This work is licensed under a
Creative Commons
Attribution NonCommercial ShareAlike
3.0 UK: England & Wales license.

The INA328-Q1 is an ultra-precise
digital power monitor with 20-bit
delta-sigma ADC specifically
designed for current-sensing
applications. The device can
measure a full-scale differential
input of $\pm 163.84\text{ mV}$ or $\pm 40.96\text{ mV}$
across a resistive shunt sense
element with common-mode
voltage support from -0.3 V to $+2\text{ V}$.

Stuart Pittaway

Sheet:
File: tmpmb1euoc3.kicad_pcb

Title: **DIYBMS Isolated Current Shunt**

Size: A4	Date: 2021-04-07	Rev: 1
KiCad E.D.A. pcbnew 5.1.9+dfsg1-1bpo10+1		Id: 1/1