

CubeSatSim battery board vb1.3.2  
(c) CC-BY-NC-SA+ - 2022-2023 AMSAT  
KI6ZUM-WD6DRI-KU2Y



GPIO Bus

plug STEM Payload board on top

F1

S/N

Batt I/V Sensor 0x44

U1N+ U1N- SDA SCL GND UCC

+ R1

U2

+

+

C1

A0: no jumper  
A1: bridged

INA219

U1

BAT-

BAT+

BT2

zip tie hole

attach with  
foam square  
or screws

+

JP7

BAT-

+

JP3

+

JP2

BAT+

JP1

+ -

NiMH batteries only - DO NOT install Alkaline