

arf.io
renegade solar

G F E D C B A 9 8 7 6 5 4 3 2 1 0

G F E D C B A 9 8 7 6 5 4 3 2 1 0

BMS-OUT-1

BMS-OUT-2

⓪ LJ98-A-GRAY

1 2 3 4 5 6 7 8 9

BMS-NTC

⓪ LJ98-A-GRAY-REV

BMS-UART

⓪ LJ98-A-GRAY-REV

SW1 SW2

OFF OFF BMS-NTC
OFF ON 2A2B
ON OFF 2A1B
ON ON 1A2B
ON ON 1A1B

ALL-NTC

DC 2B 2A 1B 1A

⓪ LJ98-B-GRAY

⓪ LJ98-B-GRAY-REV

⓪ LJ98-B-GRAY-REV

1 2 3 4 5 6 7 8 9

F D B 9

hey xanie,
verify voltages and that you have
everything hooked up right.
pleasure,
xanie

FoMoCo LJ98-10C779-A01

- LJ98 16P (2x 4S8P) BMS Interface
- Daly (or compatible) 16S BMS
- 4S8P and 4S8P REVERSE
- Fixed routing / Labeling Issues

17kWh of energy storage!

Board Rev 1.1

xanie@arf.io

daly (or other shitty)
bms goes here

⓪ LJ98-A-BEIGE

⓪ LJ98-A-BEIGE-REV

GND 3V3 EN VP VN I034 I035 I032 I033 I025 I026 I027 I014 I012 I013 I015 I02 I01 I021 I019 I018 I05 I017 I016 I04 I00

ESP32-SL

GND I023 I022 U0TXD U0RXD I021 I019 I018 I05 I017 I016 I04 I00

⓪ LJ98-B-BEIGE

⓪ LJ98-B-BEIGE-REV

POZ Cell 16

MID Cell 8

NEG Cell 6

⓪ LJ98-B-BEIGE-REV

⓪ LJ98-B-BEIGE-REV