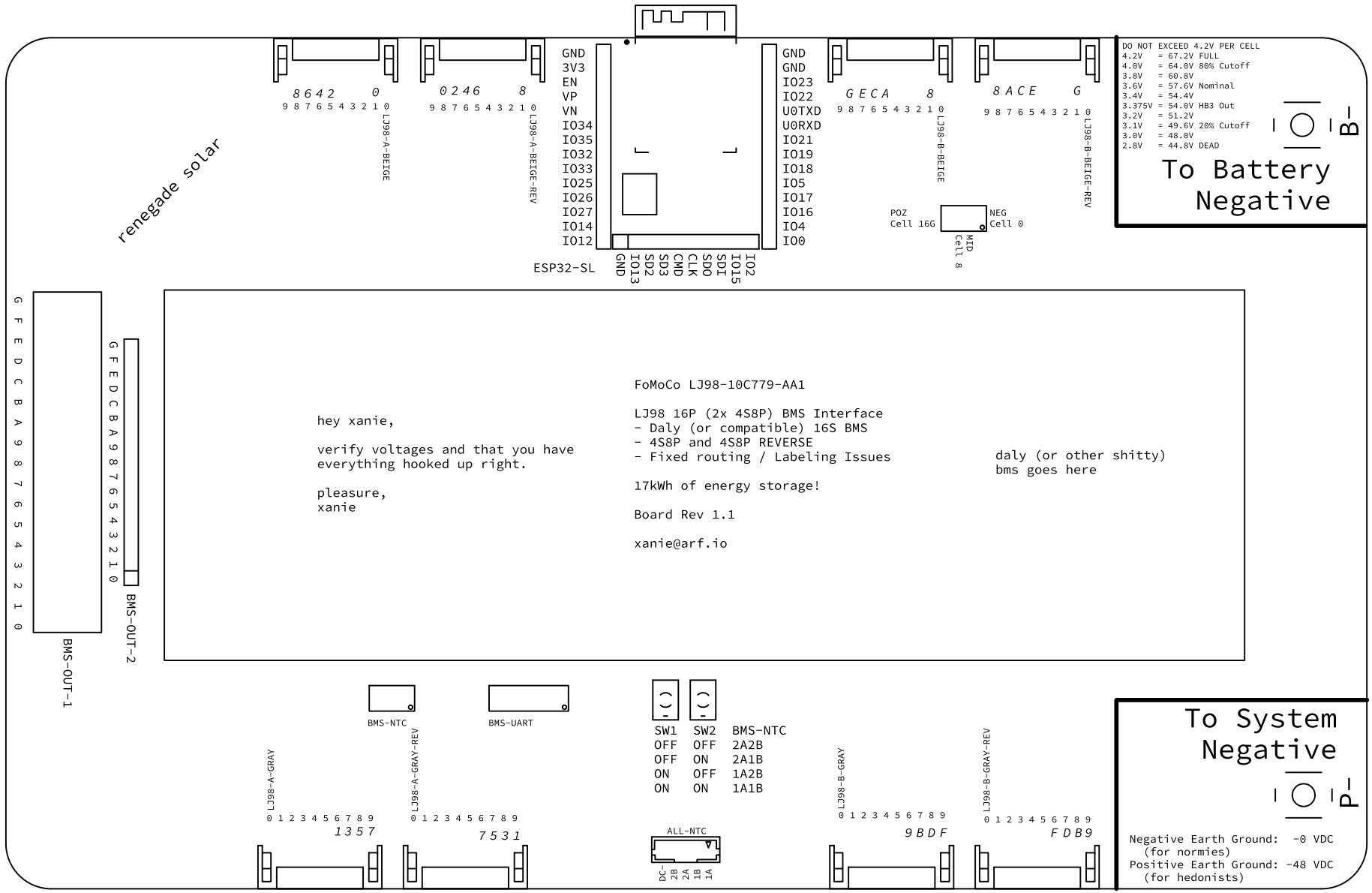
renegade solar
8642 0
9 8 7 6 5 4 3 2 1 0
LJ98-A-BEIGE
0246 8
9 8 7 6 5 4 3 2 1 0
LJ98-A-BEIGE-REV
GND
3V3
EN
VP
VN
IO34
IO35
IO32
IO33
IO25
IO26
IO27
IO14
IO12
GND
GND
IO23
IO22
U0TXD
U0RXD
IO21
IO19
IO18
IO5
IO17
IO16
IO4
IO0
ESP32-SL
GND
IO13
SD2
SD3
CMD
CLK
SDO
SDI
IO15
IO2
GECA 8
9 8 7 6 5 4 3 2 1 0
LJ98-B-BEIGE
8ACE G
9 8 7 6 5 4 3 2 1 0
LJ98-B-BEIGE-REV
POZ
Cell 16G
NEG
Cell 0
MID
Cell 8
DO NOT EXCEED 4.2V PER CELL
4.2V = 67.2V FULL
4.0V = 64.0V 80% Cutoff
3.8V = 60.8V
3.6V = 57.6V Nominal
3.4V = 54.4V
3.375V = 54.0V HB3 Out
3.2V = 51.2V
3.1V = 49.6V 20% Cutoff
3.0V = 48.0V
2.8V = 44.8V DEAD
B-
To Battery Negative
G F E D C B A 9 8 7 6 5 4 3 2 1 0
BMS-OUT-1
G F E D C B A 9 8 7 6 5 4 3 2 1 0
BMS-OUT-2
hey xanie,
verify voltages and that you have everything hooked up right.
pleasure,
xanie
FoMoCo LJ98-10C779-AA1
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
BMS-NTC
BMS-UART
SW1 SW2 BMS-NTC
OFF OFF 2A2B
OFF ON 2A1B
ON OFF 1A2B
ON ON 1A1B
LJ98-A-GRAY
0 1 2 3 4 5 6 7 8 9
1357
LJ98-A-GRAY-REV
0 1 2 3 4 5 6 7 8 9
7531
ALL-NTC
DC- 2B 2A 1B 1A
LJ98-B-GRAY
0 1 2 3 4 5 6 7 8 9
9BDF
LJ98-B-GRAY-REV
0 1 2 3 4 5 6 7 8 9
FDB9
P-
To System Negative
Negative Earth Ground: -0 VDC
(for normies)
Positive Earth Ground: -48 VDC
(for hedonists)