

[illegible]

Output Selector

V_Bu5D

V_BOOSTQ

Q3
DMG3415U

1P24

Solder/Jumper_2_Open

JP3

1P15

5V

D2
PMEG40130ERX 40V 3A

F2

Polyfuse 16V, 1.25A L_H, 2.5A L_I, 400 ms

R1
100k

GND

Connector


Diagram illustrating the wiring for a 10-pin connector (J4 Conn_01x10_Socket):

- Pin 1: VCC
- Pin 2: V_BUSD
- Pin 3: V_BATID
- Pin 4: BAT1_SIG
- Pin 5: NED_OUT1
- Pin 6: NED_IN1
- Pin 7: 3.3V
- Pin 8: 5V
- Pin 9: GND
- Pin 10: GND

3.3V Reg

Neopixel Level Shifter

Batt Sig



The diagram shows a circuit for a battery signal. A green wire labeled QV_BATT is connected to a red rectangular component labeled R9 100. This component is connected to a green dot. From this dot, a green wire goes to a red circular component labeled TP46. Another green wire goes from the dot to a label D_BATT_SIG. A second red rectangular component labeled R10 6.8k is connected between the dot and a ground symbol labeled GND.

