User.2

GND
18V

J1

18V
3A

C1
C2

D1
Q1
L1

NX-J401
Adapter V3
2024

R5 R2 R1
C4 R3
R6 C6 C7 U1 C3
R4

C5

Q2

4-CAN RX
3-CAN TX
2-3V3
1-GND
J3

J2 MIPI 3

C8
R7 R8 D2

6-REC
5-GND
4-RESET
3-TXD
2-RXD
1-GND
J5

J4 MIPI 1

D3

VBAT INPUT
5-18V
12A MAX

C9
C10
U3
L2

J10   J11

2-CAN H
1-CAN L

D4 C13
C11
C12 C14
U2

J9
VBAT
GND

3-TXD
2-RXD
1-GND
J8

J6

R9
D5
MIPI
1

MIPI
2

SW1   SW2

FRONT

971 Spartan Robotics

Sheet:
File: NX-J401-Adapter.kicad_pcb

Title: NX Adapter Board

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