



U-FOC  
Motor Controller  
Ver. 1.0

U1 RP2040

N3

GND 5V  
3V3  
KEYS  
PWR

15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

ANALOG

GND A1  
A2  
A3  
A4

GND 3  
5  
13  
I/O

CAN

L  
H  
G  
+

LED1  
R8

R6

C1

R1

C2

R2

R3

R4

R5

R7

R8

R9

C3

C4

C3

C7