



U10 D2  
R21 C21  
C12 D3  
D4  
R15  
R7  
R22

3V P1  
GND  
9  
7  
6  
5  
4  
3  
2  
1  
BLK C1  
U8  
ORN  
C23  
YLW  
GRN  
U2  
R3  
C11  
C3  
U4  
R6  
C2

U1  
P4  
3V  
GND  
7  
5  
3  
1  
ICE40HX4K  
7  
5  
3  
1  
3V  
GND  
7  
5  
3  
1

C15  
U12  
C4  
S1  
M80S  
C18  
R45  
R44  
R40  
C2  
C7  
C46  
R2  
U11  
OSH  
IceZero



D1  
GND  
SOT323  
SC70  
3V

P2  
1  
3  
5  
7  
6  
4  
2  
0

J1  
J2  
GND  
5V