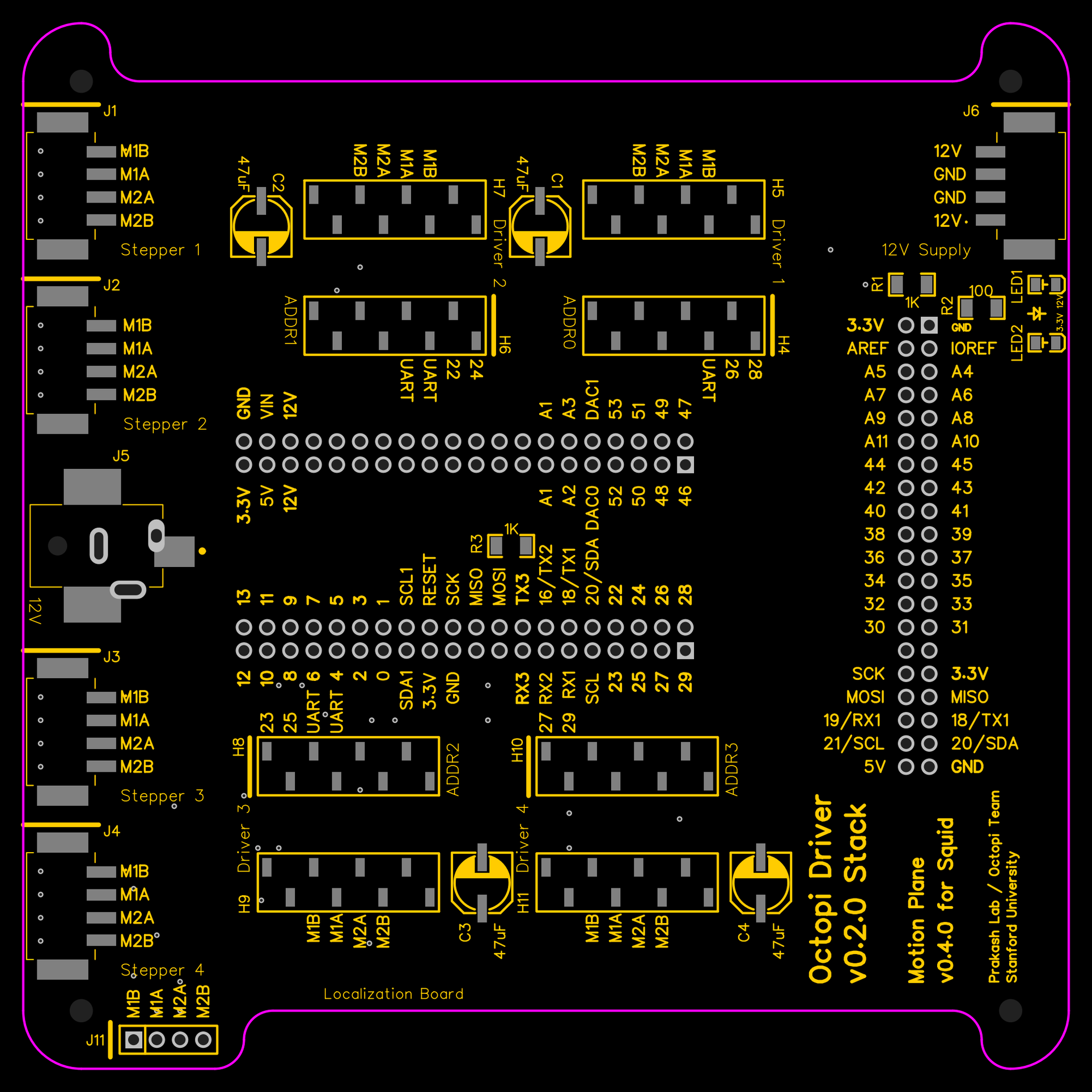
J1
M1B
M1A
M2A
M2B
Stepper 1
J2
Stepper 2
J5
12V
J3
Stepper 3
J4
Stepper 4
J11
C2
47uF
H7
Driver 2
C1
H5
Driver 1
ADDR1
H6
ADDR0
H4
GND
VIN
12V
3.3V
5V
A1
A3
DAC1
53
51
49
47
A2
DAC0
52
50
48
46
R3
1K
13
11
9
7
5
3
1
SCL1
RESET
SCK
MISO
MOSI
TX3
16/TX2
18/TX1
20/SDA
22
24
26
28
12
10
8
6
4
2
0
SDA1
GND
RX3
RX2
RX1
SCL
23
25
27
29
UART
H8
ADDR2
H10
ADDR3
Driver 3
Driver 4
H9
H11
C3
C4
Localization Board
J6
12V
GND
12V Supply
R1
R2
100
LED1
LED2
3.3V
AREF
IOREF
A5
A4
A7
A6
A9
A8
A11
A10
44
45
42
43
40
41
38
39
36
37
34
35
32
33
30
31
SCK
MOSI
MISO
19/RX1
18/TX1
21/SCL
20/SDA
5V
Octopi Driver
v0.2.0 Stack
Motion Plane
v0.4.0 for Squid
Prakash Lab / Octopi Team
Stanford University