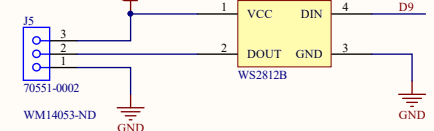
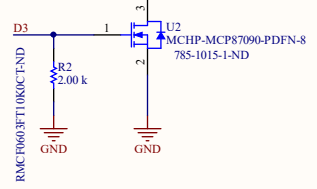
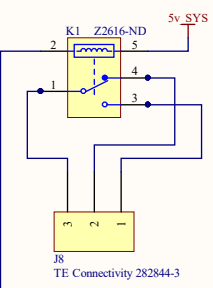
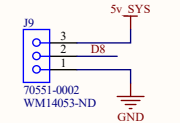


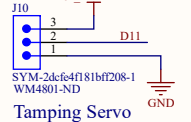
LED1 (Right Angle)



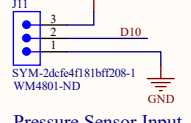
LED2 (Right Angle)



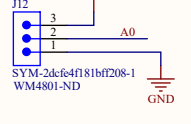
Shooting Servo



Tamping Servo

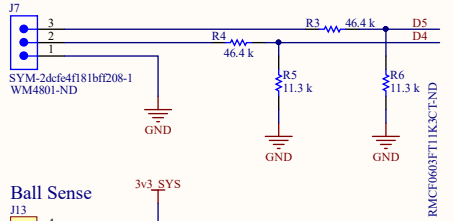


Pressure Sensor Input

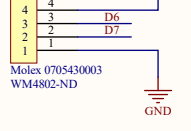


NOTE: All Molex pin numbers are backwards from the Molex convention

Motor Power Sense



Ball Sense



U4

C1

J5

J9

J6

U3

LED1

LED2

+24

Motor

Power

Ball Sense

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ANALOG IN

A0 A1 A2 A3 A4 A5

SCL

SDA

AREF

GND

13

12

11

10

9

8

7

6

5

4

3

2

TX1

RX0

DIGITAL (PWM ~)

J12

J7

J13

Pressure Sensor

Motor Sense

Ball Sense

R5

R4

R6

R3

K1

DSR8

R7

R1

D2

D3

D4

D5

3.4V

6V

5V

3V3

R2

U2

J10

Motor Power Ball Sense

1 2 5 4

IDREF

RESET

3V3

5V

GND

GND

VIN

A0

A1

A2

A3

A4

A5

J8