

clawMachine Wiring Diagram (outline)

tip-120
darlington
transistor

Servo motor
(13Kg)

VCC
(5V)

Potentiometer

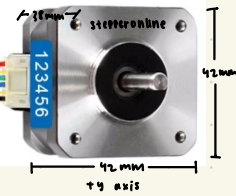
buttons we could use for like right, button

gnd

tip-120
darlington
transistors

* look up Stepper motor theory

NEMA 17 stepper motor



-y axis

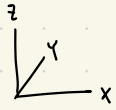


x axis



z axis

led lights (decor)



forward (+)
backward (-)
left (-x)
right (+x)
up (+z)
down (-z)

z-limit switch

x-limit switch

y-limit switch

Potentiometer
(adjust LCD brightness)

lcd
screen
16x2

led
repeat
start
button

led
for
coin
link

