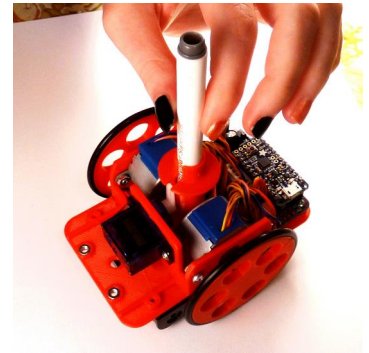




Workshot Robot Datasheet



Robot Name: _____

Builder's Name: _____

Power: 4 x AA (6 Volts)

Motion: 2 x 28byj Stepper Motors 5V 1/64 Ratio

Control: Adafruit Trinket Pro 3V

MCU: Atmel 328p 8-bit, 12 MHz, 32 Kbyte RAM

Design Parameters:

wheel_dia (mm): _____

wheel_base (mm): _____

steps_rev: _____

PEN_UP (angle): _____

PEN_Down (angle): _____

Input / Output Pins:

leftSensor = _____

leftLight = _____

rightSensor = _____

rightLight = _____

Programming: <https://learn.adafruit.com/introducing-pro-trinket>

Example Programs: <https://goo.gl/ho7PZH>

Turtle Commands:

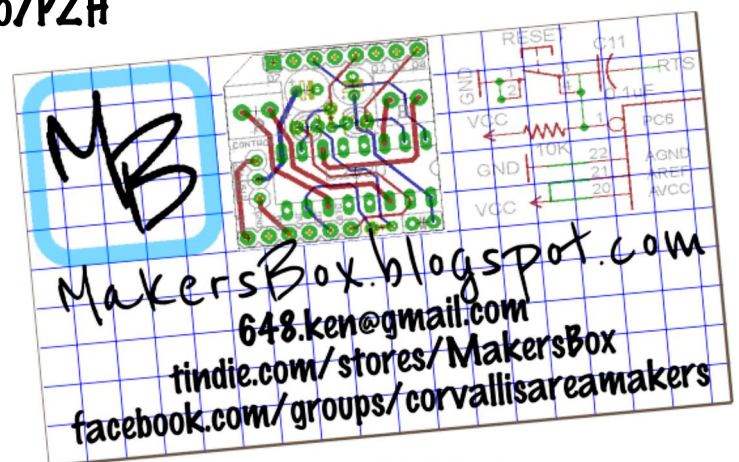
left(degrees)

right(degrees)

forward(distance) mm

backwards(distance) mm

pendown()



What is a Robot?

"A robot is a machine—especially one programmable by a computer—capable of carrying out a complex series of actions automatically. "

– Wikipedia

