Chick JECH Turtle Robot Patasheet

Robot Name:	
Builder's Name	2:

Motion: 2 x 28byj 5 volt Stepper Motors 1:4 Ratio

Control: Adafruit ItsyBitsy MO Output:

LEDS

Input: ______
Push button

Sensing:

2x IR Emitter/Detector pair

Pen Control: 9g Servo

> 3D Printed Chassis and wheels

Power Switch

Power: 4 x AA (6 Volts)

Programming (via USB):

- Python
- Arduino C

Calibration Parameters:

wheel_dia (mm): _____
wheel_base (mm): ____
PEN_UP (angle): ____
PEN_DOwn (angle): ____

Turtle Commands:

goto(x, y)

left(degrees)
right(degrees)
forward(distance) mm
backwards(distance) mm
penup()
pendown()

Makers Box tacebook.com/groups/corvallisareamakers

CHICKTECH.ORG