



To Vertical.
Control
stepper motor

To Horizontal.
Control
stepper motor

Servo
Motor

To Arduino Pin 9

To Arduino GND Pin

Stepper Motor Driver Pin	Arduino Pin
In1	4
In2	5
In3	6
In4	7

Stepper Motor Driver Pin	Arduino Pin
In1	2
In2	3
In3	12
In4	13

4 conductor
Ribbon cable

4 Conductor
Ribbon cable

USB Cable to Computer

5 VDC Power Jack

Etch A Sketch Random Walk Simulator Wiring Diagram