

BOSON



Obstacle Avoidance Car



What you need for this project:



Paper



Velcro

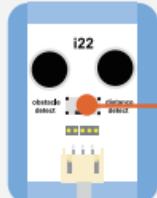


Boson Blocks

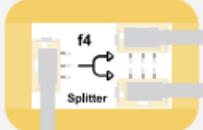
Diagram | Obstacle Avoidance Car

Turn the switch to 'obstacle detect'

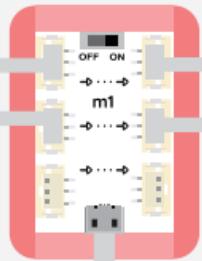
Ultrasonic Distance Sensor



Splitter Module



MainBoard-3IO



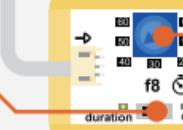
5V Power in

Turn the switch to 'duration'

Duration Module (60s)



Rotate the knob to '3s'
Duration Module (60s)



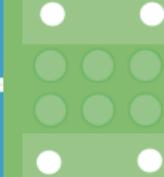
Rotate the knob to '2s'

Turn the switch to A mode 'cw'

Motor Module

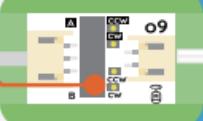


Motor(left)



Turn the switch to A mode 'ccw'

Motor Module



Motor(right)



Rotate the knob to set the
detection distance