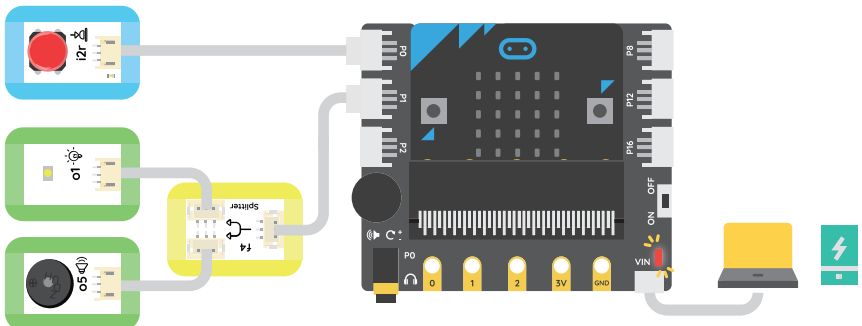
BOSON Project 1 Alarm Device

Connection Diagram

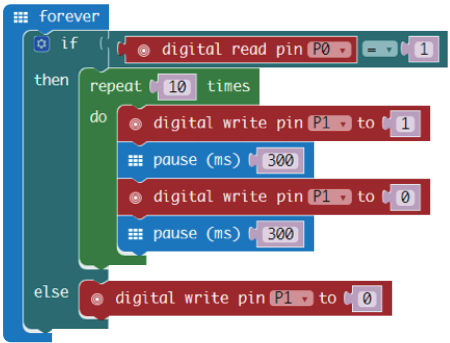


Note: External power supply needed

DFROBOT
DRIVE THE FUTURE

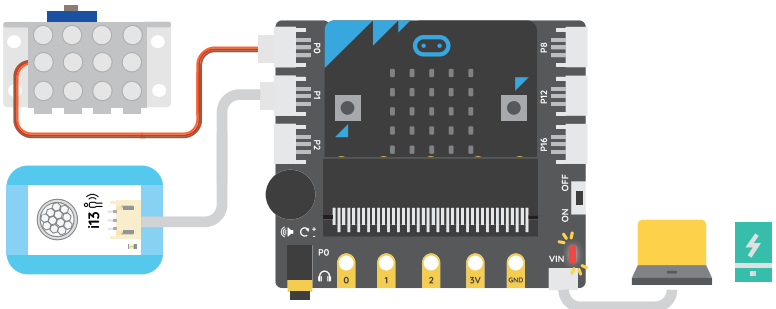
BOSON Project 1 Alarm Device

Blocks Editor Sample Program



BOSON Project 2 Automatic Door

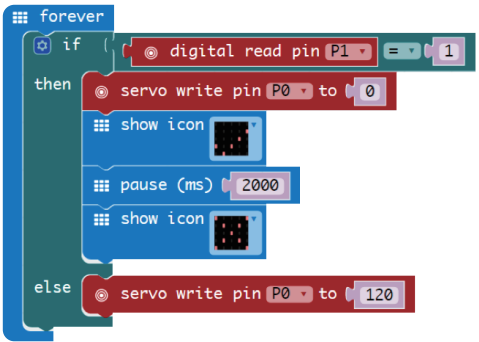
Connection Diagram



Note: External power supply needed

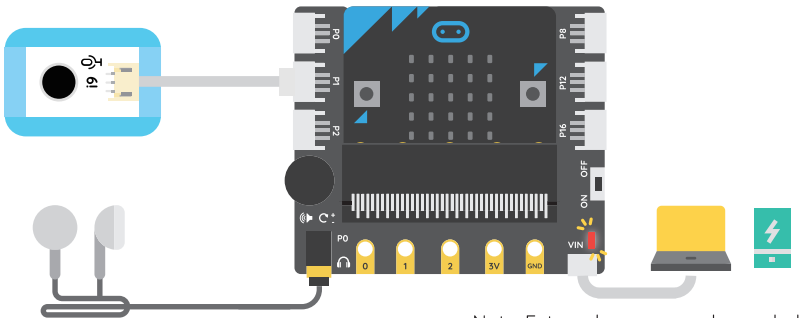
BOSON Project 2 Automatic Door

Blocks Editor
Sample Program



BOSON Project 3 Sound Activated Music Player

Connection Diagram

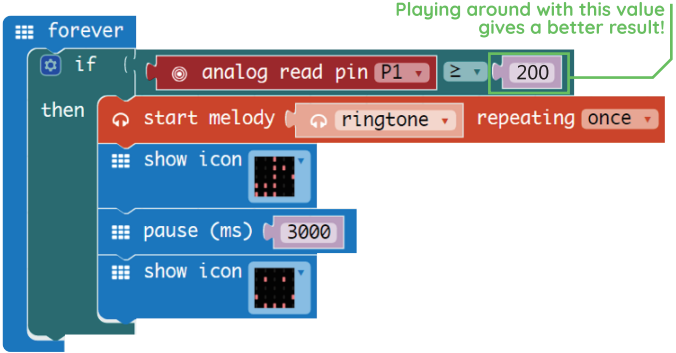


Note: External power supply needed

DFROBOT
DRIVE THE FUTURE

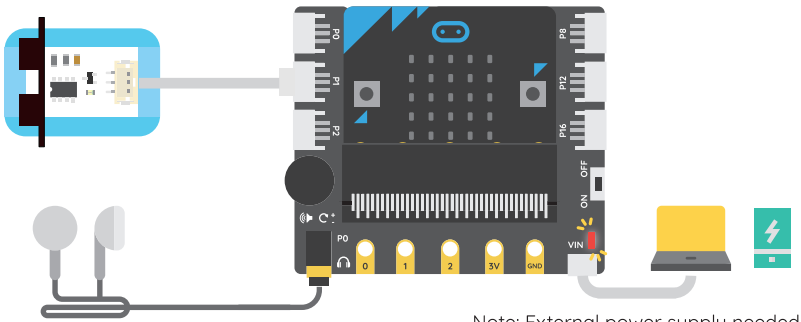
BOSON Project 3 Sound Activated Music Player

Blocks Editor Sample Program



BOSON Project 4 Gesture player

Connection Diagram

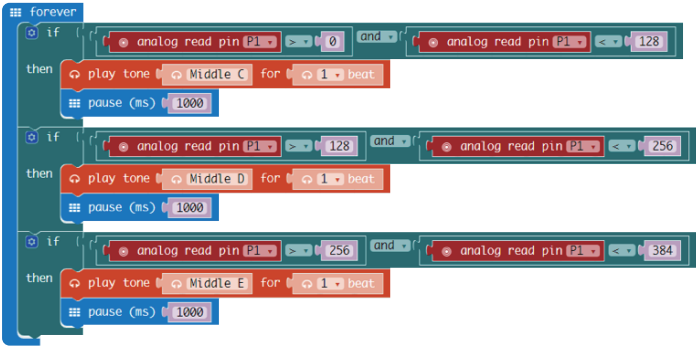


Note: External power supply needed

DFROBOT
DRIVE THE FUTURE

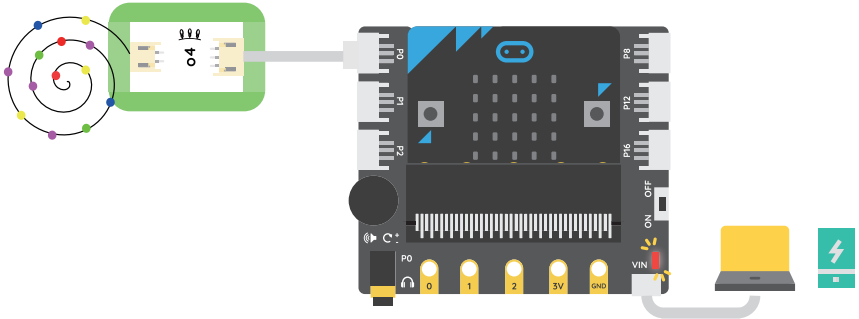
BOSON Project 4 Gesture player

Blocks Editor Sample Program



BOSON Project 5 Gravity magic lights

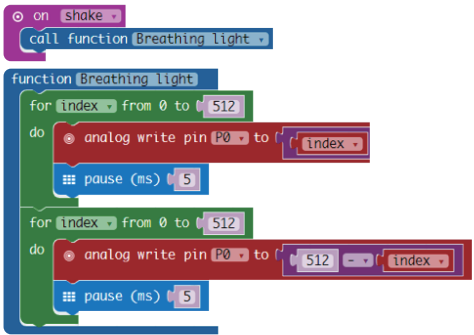
Connection Diagram



Note: External power supply needed

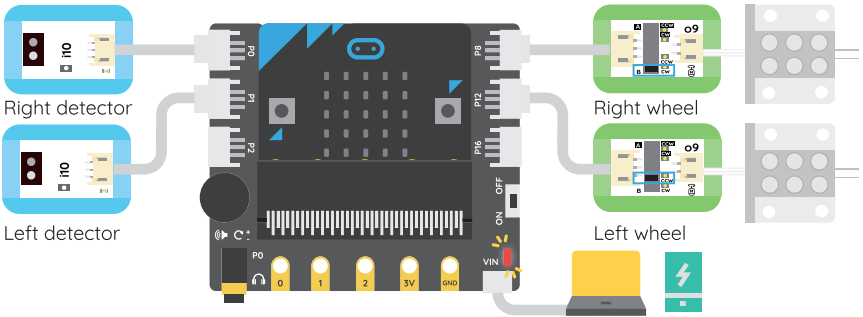
BOSON Project 5 Gravity magic lights

Blocks Editor Sample Program



BOSON Project 6 Tracing car

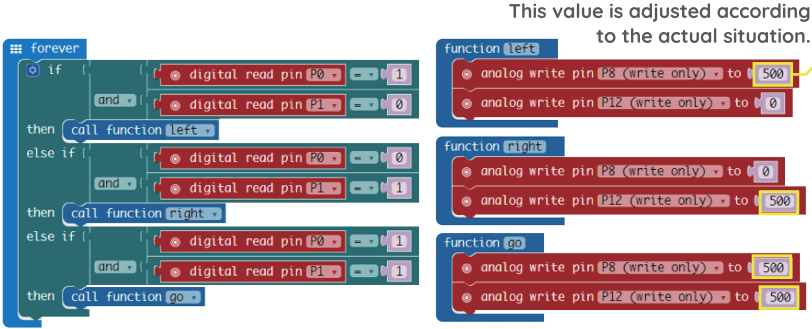
Connection Diagram



Note: External power supply needed

BOSON Project 6 Tracing car

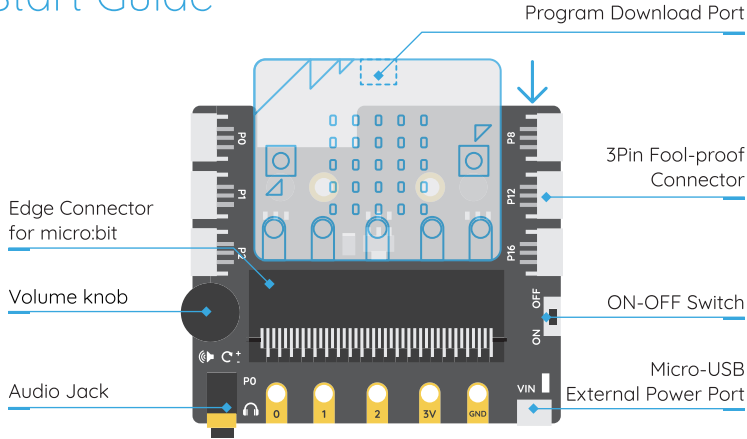
Blocks Editor Sample Program



A more detailed tutorial for Tracing Car can be found at
https://www.dfrobot.com/boson

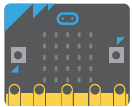
BOSON Quick Start Guide

micro:bit Expansion Board for Boson



DFROBOT
DRIVE THE FUTURE

To get started, you will need following things ready by your hand:



micro:bit

A Computer with USB port and internet connection.

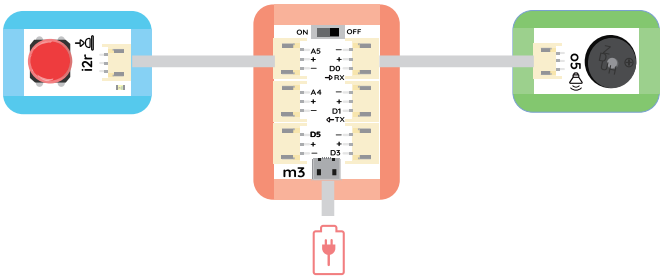
Ear pods/headphone (3.5mm audio connector)

USB power bank as external power supply (optional)

→ Start programming, Visit: **makecode.microbit.org**

BOSON Project 7 Gesture recognition based on Intel® Curie™ platform

Connection Diagram



Note: External power supply needed

DFROBOT
DRIVE THE FUTURE

BOSON Project 7 Gesture recognition based on Intel® Curie™ platform

This project is able to recognize a **pre-recorded gesture**.

To record the gesture, **hold the button** and **make a hand movement** such as drawing a circle or writing a letter.

Now, whenever make the same gesture again, the buzzer will beep!

Note: Hold on the Boson 101 Mainboard in the same direction!

For more detailed instruction, please visit **https://www.dfrobot.com/boson**.