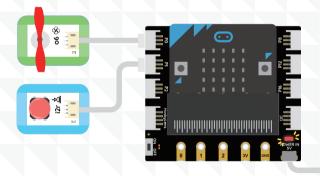
# **BOSON** Project 1 Mini Fan

#### ☆ Connection Diagram



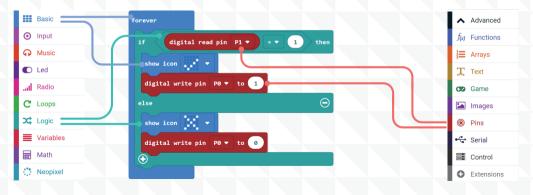






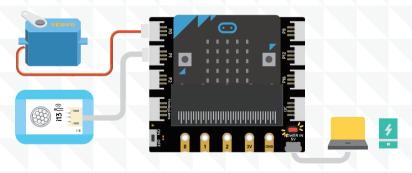
# **BOSON** Project 1 Mini Fan

### Blocks Editor Sample Program



### **BOSON** Project 2 Automatic Door

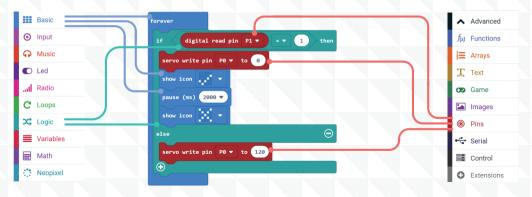
### ☆ Connection Diagram





# **BOSON** Project 2 Automatic Door

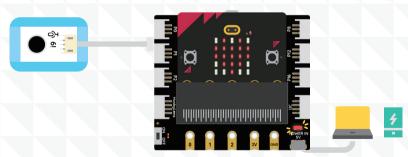
### Blocks Editor Sample Program



# **BOSON** Project 3 Sound Activated Music Player

#### ☆ Connection Diagram

\* Only support micro:bit V2 with sound (or use MakeCode simulator instead)

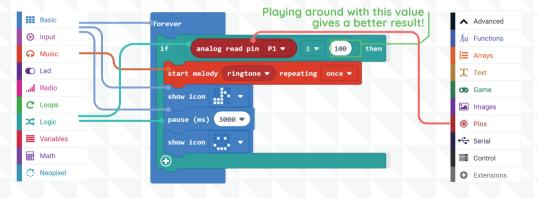




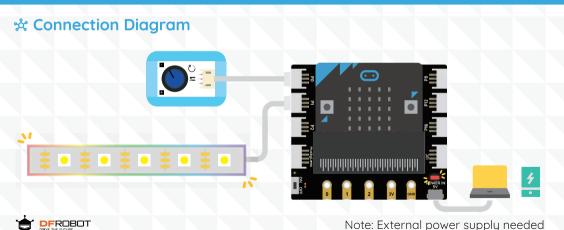
Note: External power supply needed

### **BOSON** Project 3 Sound Activated Music Player

#### Blocks Editor Sample Program



# **BOSON** Project 4 Rainbow Light

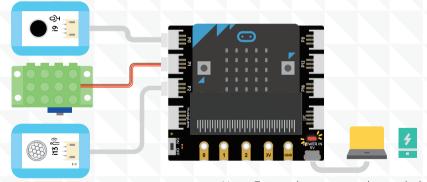


# **BOSON** Project 4 Rainbow Light

#### Blocks Editor Sample Program on start Basic Advanced set item ▼ to NeoPixel at pin P1 ▼ with 7 leds as RGB (GRB format) ▼ Input fix) Functions Music ₹ Arrays Led T Text Radio from low 0 Game from high 1000 C Loops to low 0 Images Logic to high 7 Pins Variables Serial **Ⅲ** Math iten ▼ range from 0 with LED Number ▼ leds show rainbow from 1 to 180 Control :: Neopixel item ▼ show Extensions Click "Extensions" then select neopixel to add RGB LED support to your micro:bit

# BOSON Project 5 Digital Pocket Pet

#### ☆ Connection Diagram





Note: External power supply needed

# BOSON Project 5 Digital Pocket Pet

