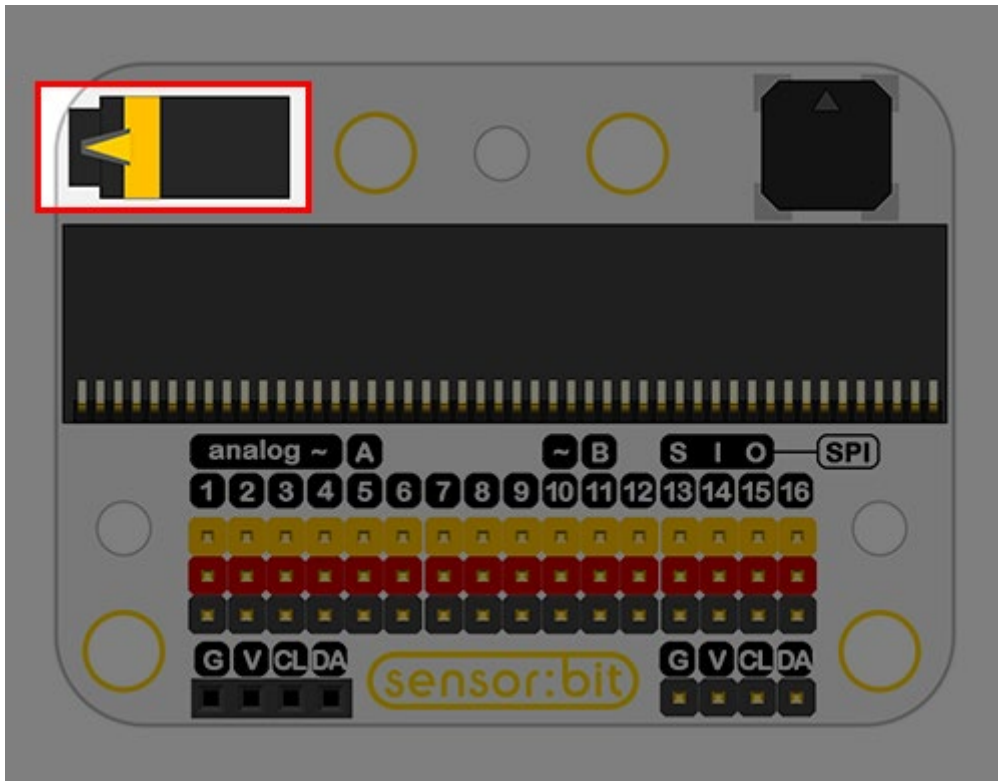


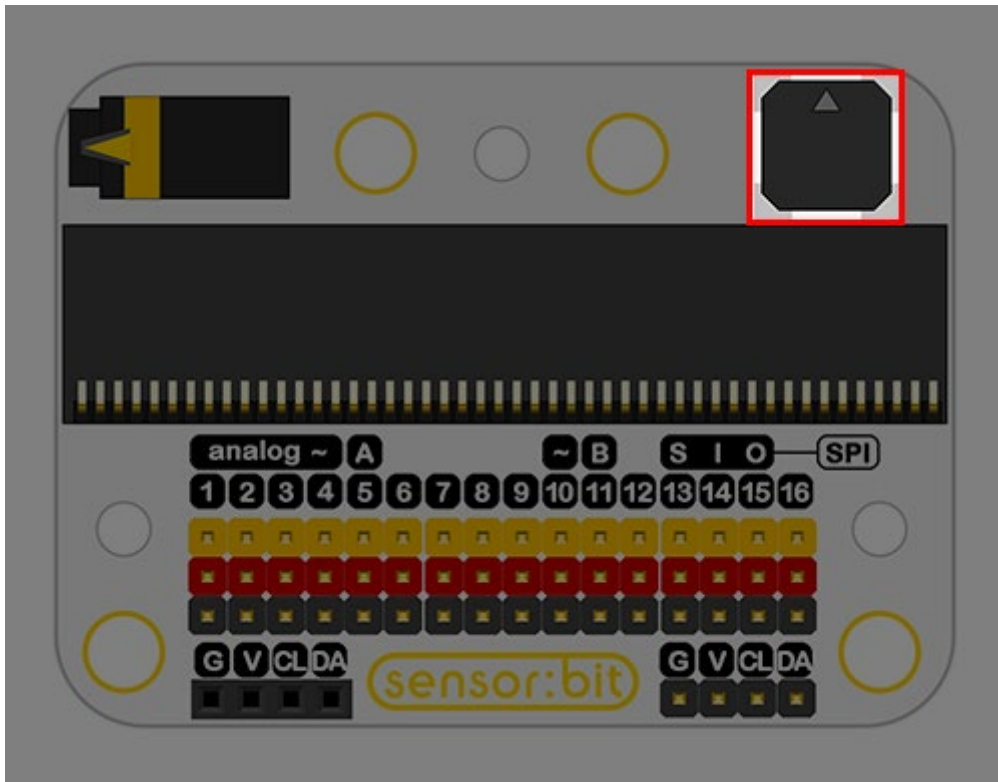
Introduction of Major Components

Audio Jack



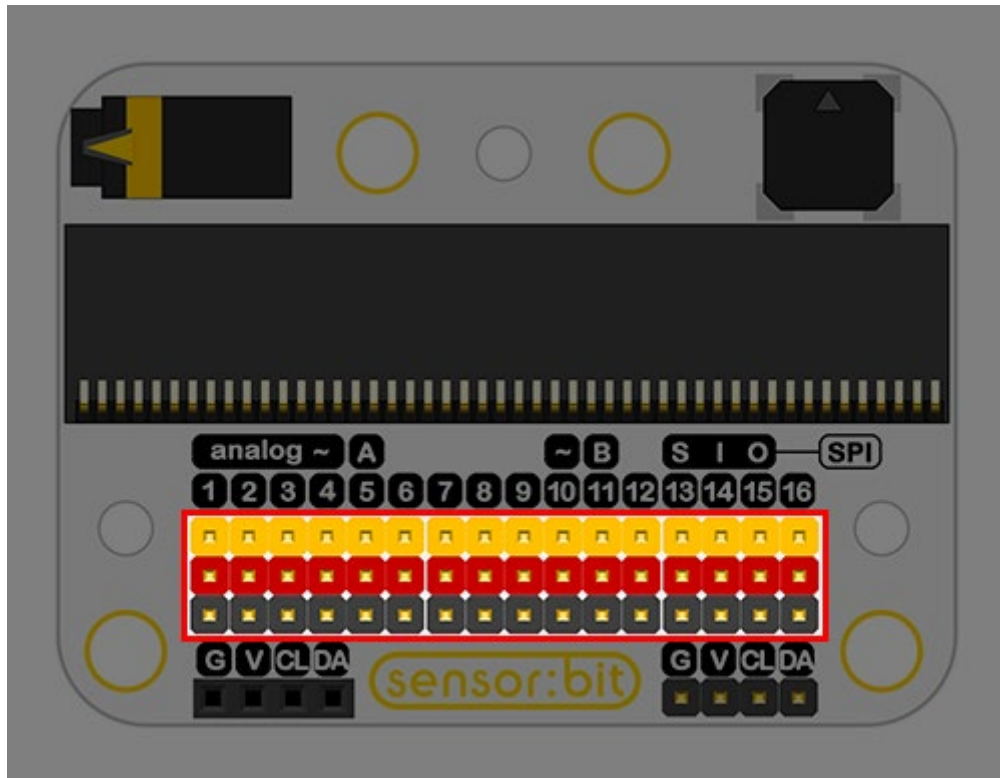
Headphone is controlled by P0 port. Plug in your headphone, the buzzer will disconnect automatically.

Buzzer



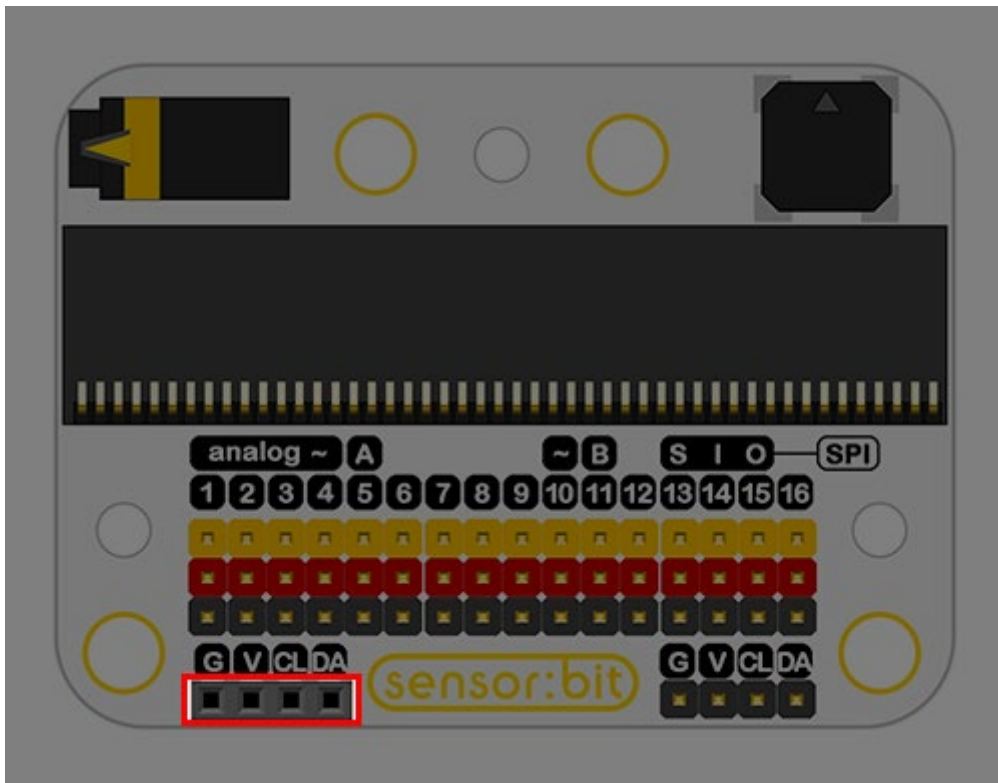
The buzzer is controlled by P0 port. Plug in your headphone, the buzzer will disconnect automatically.

16 Channel Standard GVS Port

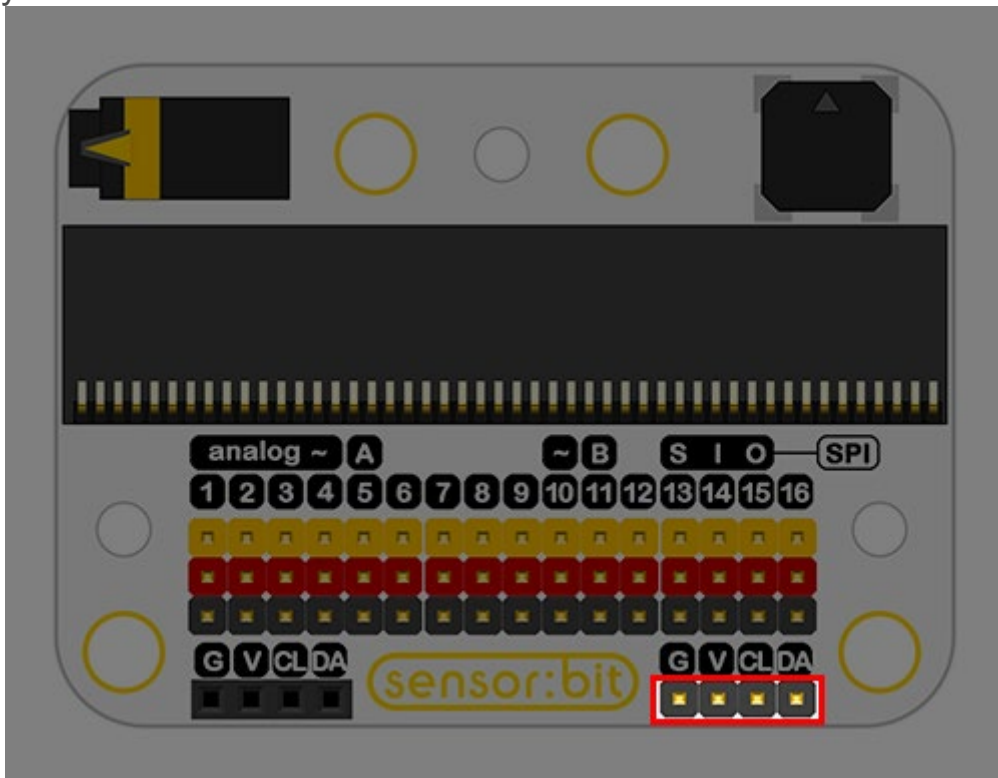


This is a standard GVS interface with 16 channels. It can extend 3V electric brick module.

I2C Port



This is a group of I2C female header, which can connect with OLED module directly.

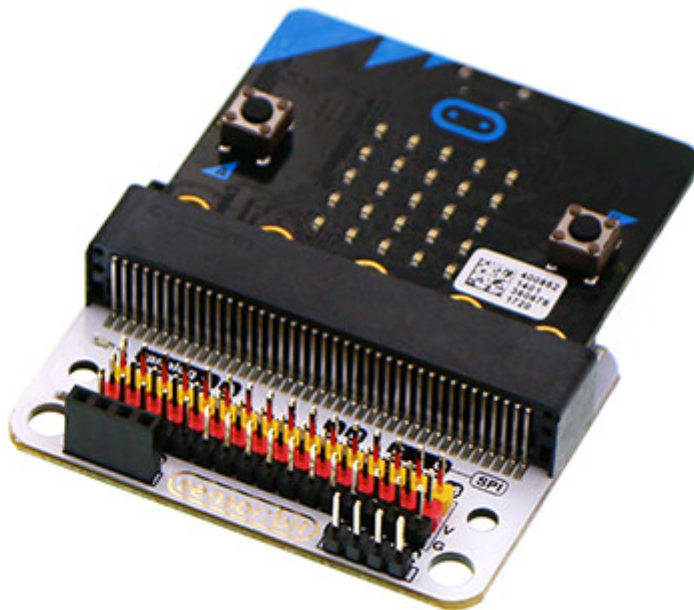


This is a group of I2C male header.

Quick Start

Hardware Assembly

Plug your micro:bit into the sensor:bit.



Software

Navigate to the programming interface of Makecode online editor. Write your code to make the buzzer on the sensor:bit play music.

You can see the whole program from the link here: <https://makecode.microbit.org/3At2iE5Ue3XK>

Result

Press button A on the micro:bit, the buzzer starts to play music. Plug in your headphone to the sensor:bit, the buzzer stops playing music, and you can hear the music through your headphone.