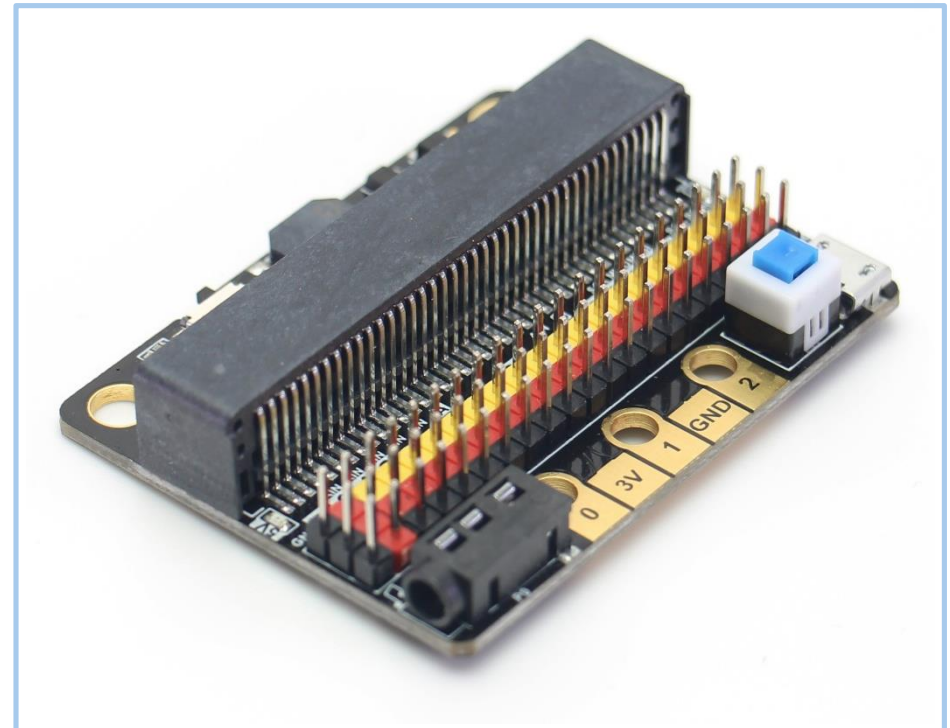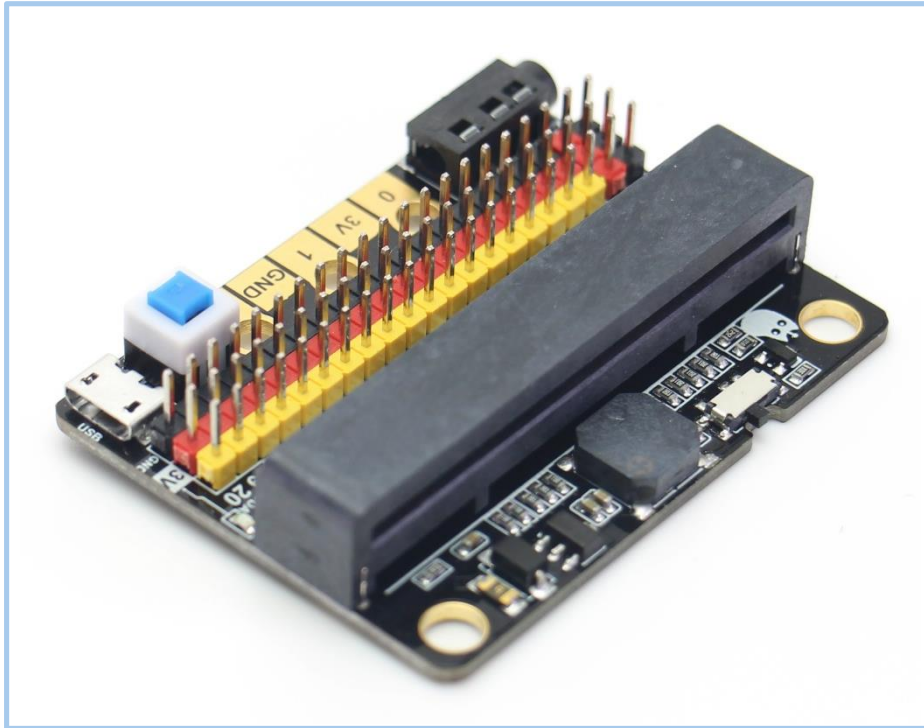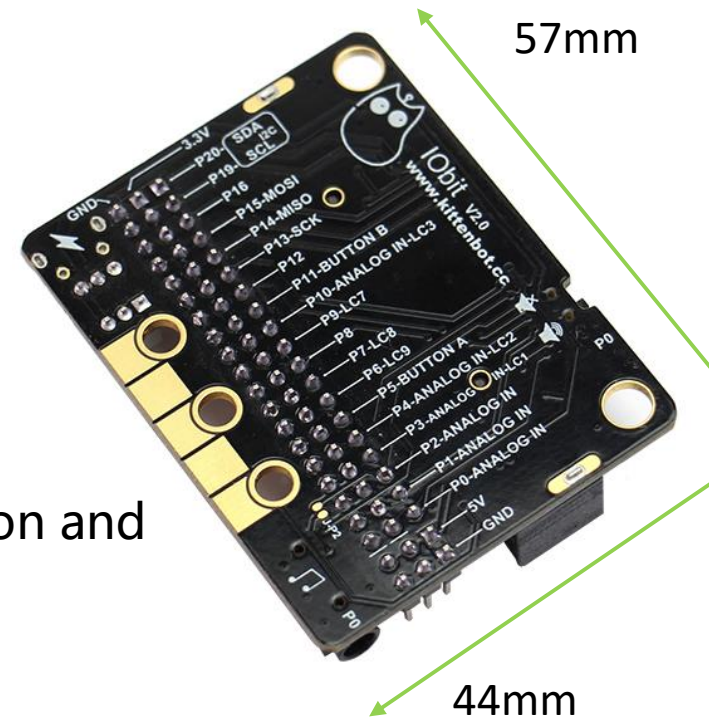# IObit V2.0 for micro:bit

DATASHEET
SKU: KBC9009A

Product Overview

This is an I/O expansion board for micro:bit, all programmable I/O leaded out to 2.54mm standard pitch of pin. In addition, Support for external power supply and contains power protection circuit.
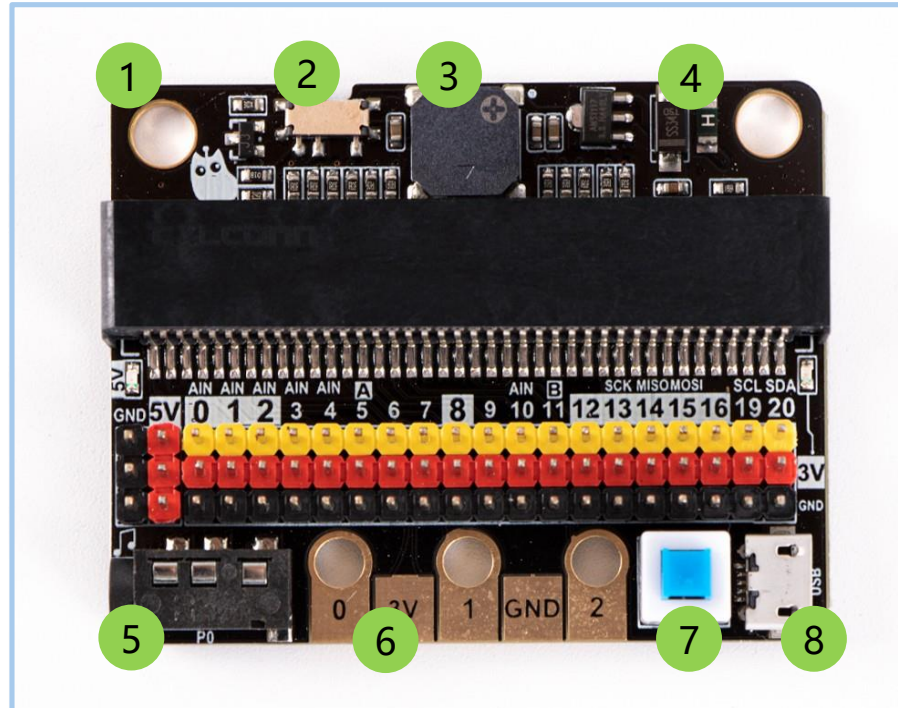
Product Parameter

57mm

44mm

- Onboard short-circuit protection and self-recovery fuse
- With 2 LEGO standard holes

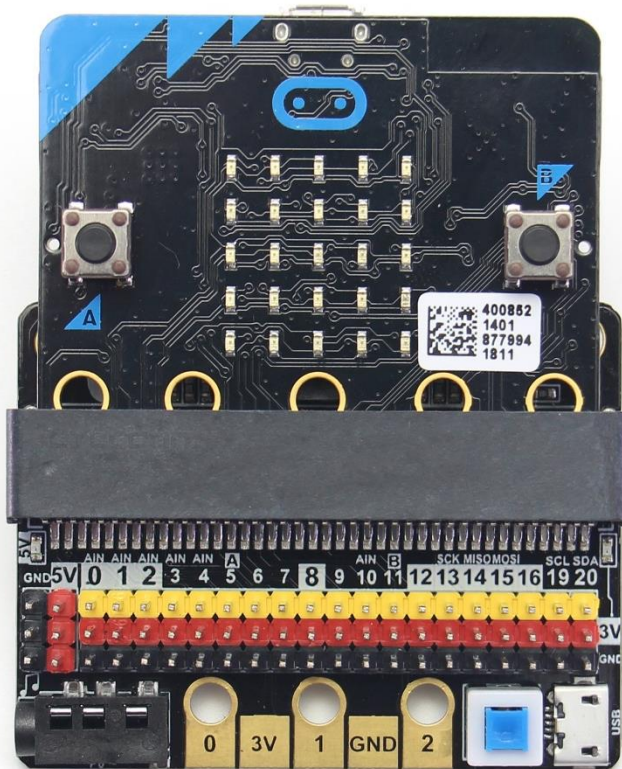| Dimension	57 x 44 x 12 mm
Power	3.3V (Micro:bit) / 5V (USB power supply)
Operating voltage	3.3V / 5V
Hardware resources	Edge connector(IO x3)、Buzzer、3.5mm audio jack、Power switch

Design Documents
Hardware

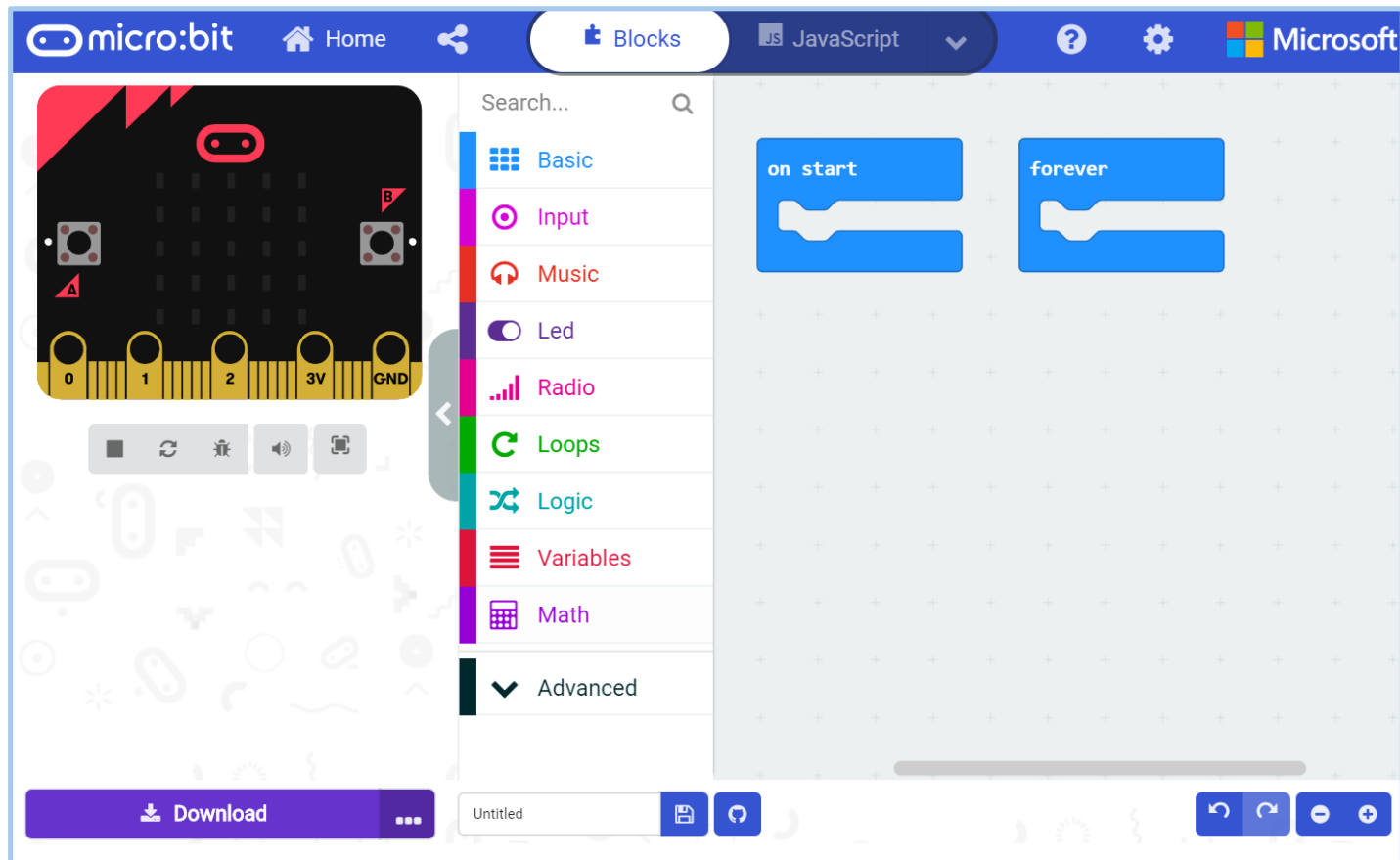| 1. Standard LEGO hole	2. Buzzer switch	3. Buzzer	4. self-recovery fuse (1A)
5. 3.5mm audio jack	6. Edge connector	7. 5V power switch	8. usb charging port

Design Documents

Hardware

- Connected with micro:bit

- Powered by micro:bit or Micro USB
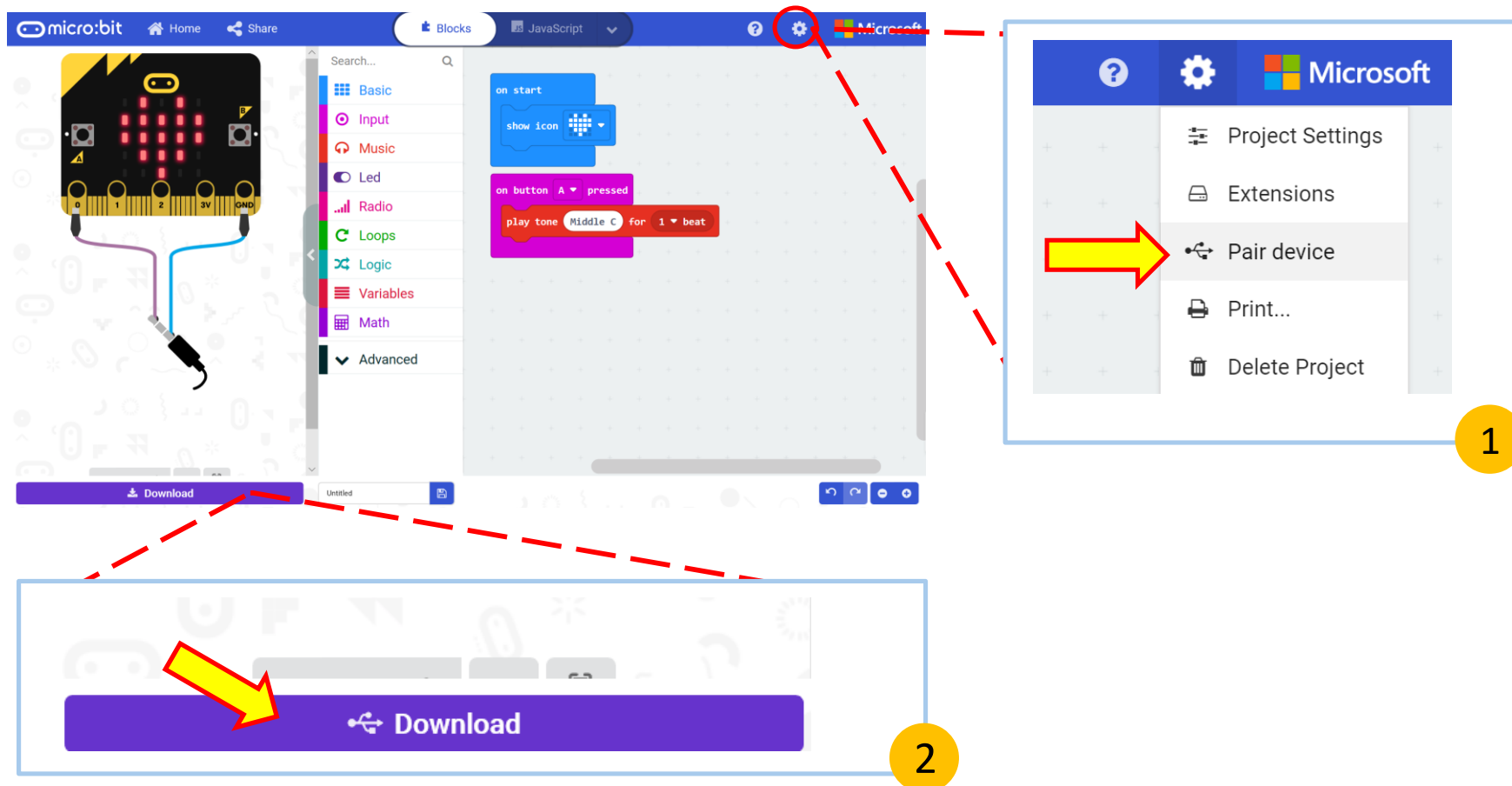
Design Documents

Programming—Preparation

- Go to Programming platform： https://makecode.microbit.org/

Design Documents
Programming—Download

■ Pair with the micro:bit, then you can download the program directly to the micro:bit via the Micro USB cable
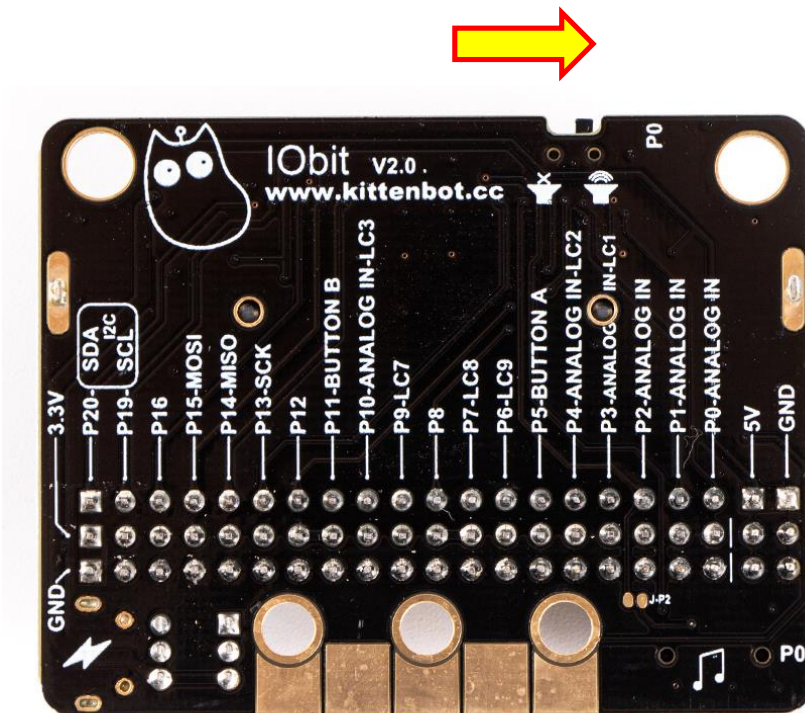
Design Documents

Programming—Use buzzer

■ Make sure the buzzer switch is on

■ Loop play do re mi