



A pocket-sized, codeable, ARM-based computer designed for education, with a built-in compass, motion detection, and Bluetooth technology. micro:bit has an ambition to inspire digital creativity in a new generation of tech pioneers, in collaboration with the element14 Community.

v2 Poster

Bluetooth

Talk to your Smartphone, computer, or another micro:bit

8

Microphone

Lets your micro:bit hear

7

Speaker

Lets your micro:bit play sounds

6

Motion Sensor and Compass

Helps your micro:bit know which way it's facing

MicroUSB

Use for programming, power, or both

9

Reset Button

Use to restart the code on the micro:bit

10

Battery Connector

Connect to batteries and make your projects portable

11

LED Array

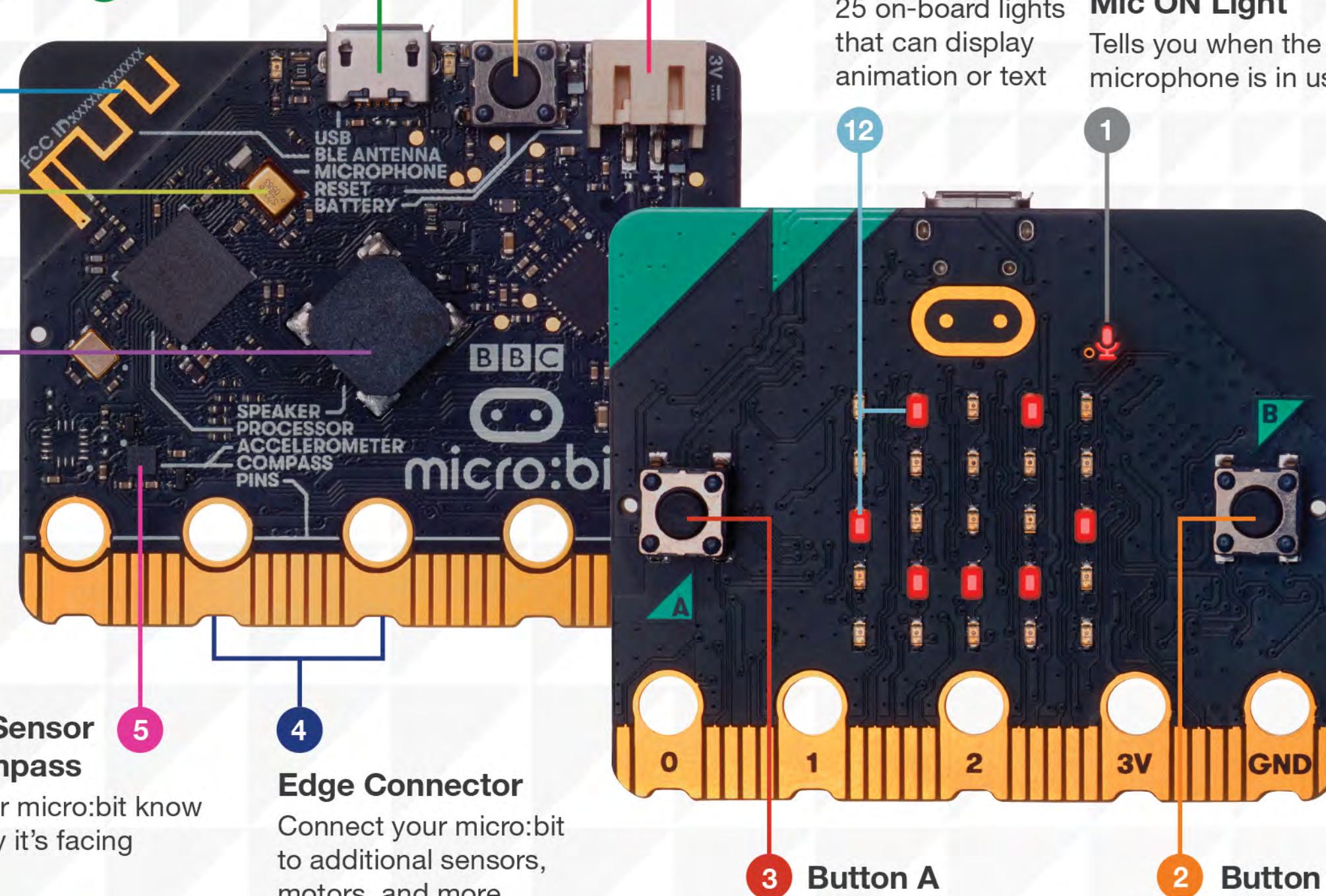
25 on-board lights that can display animation or text

12

Mic ON Light

Tells you when the microphone is in use

1



Button A & B: Use for interactive projects
element14.com/microbit

PICK YOUR PROJECT

Walkie Talkie

Requires the use of:



7 Microphone

6 Speaker

3 Button A

Fitness Tracker

Requires the use of:



5 Motion Sensor

12 LED Array

Gaming

Requires the use of:



3 Button A

2 Button B

12 LED Array

Metal Detector

Requires the use of:



5 Compass

12 LED Array

Door Bell/Alarm

Requires the use of:



8 Bluetooth

5 Motion Sensor

12 LED Array