

DF Robot Max:Bot



An entry-level DIY robot that maximizes children's creativity. Max:Bot is a programmable toy for 8+ years old kids to learn about robotics.

The Max:Bot can be programmed with Scratch, MakeCode block editor, Python or JavaScript.

[More Info](#)

Monk Makes 7-Segment Display



The 7-segment for micro:bit is a four digit 7-segment display for the micro:bit. You can use it to display numbers, letters and other characters, albeit with the limits imposed by the 7 segments of each digit. Powered directly from micro:bit pins it can be used to send messages to the display using the micro:bit's serial blocks.

[More Info](#)

Monk Makes RGB LED



The MonkMakes RGB LED for the BBC micro:bit provides a colorful add-on to your BBC micro:bit. Connect it up with alligator clips and then use the three outputs of your micro:bit to control the red, green and blue channels to mix up any color of light you want.

[More Info](#)

Monk Makes Sensor Board



The Monk Makes Sensor Board for micro:bit allows you to sense sound levels, temperature and light levels.

- 3V and GND connections can be made from either side and allow you to power a second board such as the Monk Makes Relay Board or Monk Makes Speaker.
- LED 'power on' indicator
- Reverse polarity protection
- Three analog sensors are that can be connected to pins P0, P1 and P2 using alligator clips.

[More Info](#)

Monk Makes Relay for the BBC micro:bit



The MonkMakes Relay for the BBC micro:bit is a solid-state (no moving parts) relay that allows an output of a micro:bit to turn things on and off.

This relay can be used to switch low voltage devices such as light bulbs, a motor, a small heating element or even a string of 12V LED lighting.

[More Info](#)

BBC micro:bit EX



The BBC micro:bit Go is great but we know you need a little extra at times, so we have put together the BBC micro:bit EX.

- 1x BBC micro:bit board
- 1x Braided USB Cable 1m (8cm is just not long enough)
- 1x Battery Cage with switch (BBC micro:bit Go cage doesn't have a switch)
- 4x AAA Batteries (BBC micro:bit Go includes only 2)

[More Info](#)

Kitronik Inventors Kit



This Inventor's Kit contains everything you need to complete 10 experiments including using LEDs, motors, LDRs and capacitors and step-by-step tutorial book. No soldering required.

[More Info](#)

SparkFun Arcade Kit



Inside each Arcade Kit you will find all the components required to build your micro:bit into a full-fledged game system. Simply add your own micro:bit and you will be ready to start playing.

[More Info](#)

Boson Starter Kit



DFRobot's Boson Starter Kit for micro:bit includes 8 well selected modules, covering most popular digital and analogue sensors and actuators, supporting sound, light and motion interaction.

[More Info](#)

SparkFun Weather Station



The SparkFun Weather Station is a full weather station kit that is built on top of the weather:bit carrier board. The kit does not require any soldering and is recommended for anyone curious about weather-sensing technology or the BBC micro:bit.

[More Info](#)

Monk Makes Electronics Kit



With this kit, you get everything you need to start learning about connecting electronics to your micro:bit in an accessible and easy manner. Everything is connected using the supplied alligator clips, so no soldering required.

[More Info](#)

ElecFreaks Tinker Kit*



A set of accessories for the BBC micro:bit, which enables you to connect all kinds of modules easily without the need for breadboard wires!

[More Info](#)

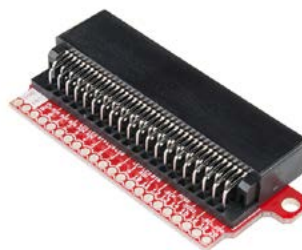
DF Robot Boson Expansion Board



Comes with 6 fool-proof 3-Pin sockets, compatible with hundreds of DFRobot's Boson modularized electronic blocks, covering popular digital and analog sensors and actuators, supporting sound, light and motion interaction.

[More Info](#)

SparkFun Breakout Board



This breakout boards edge connector allows intermediate and advanced users to connect the micro:bit to breadboards and other sensors, motors, LEDs and more!

[More Info](#)

ElecFreaks Breadboard Adapter



ElecFreaks Breadboard Adapter is a breadboard pinboard created for the BBC micro:bit. It can be directly plugged into a breadboard.

[More Info](#)

SparkFun gamer:bit



The SparkFun gamer:bit is a fun-filled “carrier” board for the micro:bit that, when combined with the micro:bit, provides you with a fully functional game system.

[More Info](#)

Elecfreaks Breadboard Kit



Includes a breadboard, breakout board and a USB cable. Perfect for quick prototyping.

[More Info](#)

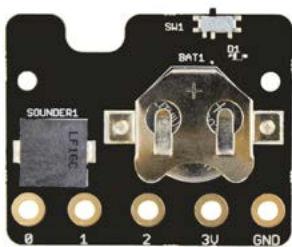
SparkFun weather:bit



With the weather:bit you will have access to barometric pressure, relative humidity and temperature readings. There are also connections on this carrier board to optional sensors such as wind speed, direction, rain gauge and soil readings!

[More Info](#)

Kitronik Mi:power board



The Mi:power board for the BBC micro:bit brings real portability to your wearable projects. The stylish, lightweight PCB is designed to fit snugly against the BBC micro:bit and features a built in buzzer and 3V coin cell holder.

[More Info](#)

CR2032 Coin Battery



A non rechargeable lithium coin cell battery.

- Battery voltage of 3V
- Battery capacity of 210mAh
- Battery weight is 3.2g

[More Info](#)

Pro-Elec Alkaline Batteries



Alkaline batteries providing long lasting, dependable power across a wide range of everyday applications.

- Non-rechargeable, mercury and cadmium free
- 6 Year shelf life

[More Info](#)

Cables & Cages



Alligator Clips with 2.1 DC Power plug



USB to Micro Braided Cable (100cm)



2x AAA Battery Cage with JST connector & switch



Alligator Clips & Lead -10 Pack

PiCell Ni-MH Pre-charged Rechargeable Battery



- Low self discharge
- Easy to use
- Higher Performance
- Protects the environment
- Saves ongoing costs

[More Info](#)

CD-Soft Master Battery Charger



The CD-Soft Master Battery 16 Slot Charger recharges up to 16 AA or AAA Ni-MH and/or Ni-Cd in any number and combination. The recharging cycle is individually controlled to ensure each battery is optimally charged.

[More Info](#)

4tronix Bit:Bot



This nifty little, and extremely thin, PCB allows you to connect a pen to the back of your Bit:Bot.

[More Info](#)

Elecfreaks Joystick:bit



Elecfreaks Joystick:bit is a game joystick for the BBC micro:bit. On the board, it has an integrated joystick and 6 undefined keys.

[More Info](#)

Kitronik :Move mini Buggy



The :Move mini is a 2 wheeled robot that is suitable for autonomous operation, remote control projects via a Bluetooth application or being controlled using a second BBC micro:bit as a controller via the microbits radio functionality.

[More Info](#)

SparkFun moto:bit



The moto:bit offers a simple, beginner-friendly robotics controller capable of operating a basic robotics chassis. Onboard each moto:bit are multiple I/O pins capable of hooking up servos, sensors and other circuits.

[More Info](#)

Kitronik 16 Servo Driver Board



Take your robotics project to the next level with the (I2C) Kitronik 16 Servo Driver Board for the BBC micro:bit. Capable of controlling 16 servos which are powered directly from the board's power supply.

[More Info](#)

Elecfreaks Motor:bit



Elecfreaks Motor:bit is a special kind of motor drive board for the BBC micro:bit. It has an integrated motor drive chip TB6612, which can drive two DC motors with 1.2A max single channel current. You can plug various sensors into it directly.

[More Info](#)

Feetech Micro Servo - FS90 180 Degree Rotation



This Feetech Mini Servo is a great value multi-purpose micro size servo that is ideal for use with micro-controller systems like the BBC micro:bit. This servo can rotate approximately 180 degrees, 90 in each direction and it comes with mounting screws and a range of horns to suit most applications.

[More Info](#)

Feetech Micro Servo - FS90R 360 Degree Continuous Rotation



This Feetech Mini Servo is a great value multi-purpose micro size servo that is ideal for use with micro-controller systems like the BBC micro:bit. This is a 360 degree continuous rotation servo.

[More Info](#)



micro:bit

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Elecbreaks Clear Case



Elecbreaks Clear Case is a transparent shell box for BBC micro:bit. You can see from the picture that the micro:bit board is wrapped in two transparent acrylic boards.

[More Info](#)

Kitronik Mi:pro Case



Keep your BBC micro:bit safe and secure with this compact, portable protective case where the 2xAAA battery pack can be bolted to the back, making a compact and portable unit.

[More Info](#)

Kitronik Mi:pro Case for the Mi:power board



The case fully encloses both of the PCBs creating a rugged unit that is ideal for creating portable designs. The clear front allows the BBC micro:bit to be seen inside the case, allowing the on-board LED matrix to be viewed.

[More Info](#)

Wear:it for BBC micro:bit



Build it, code it, wear it! Power your first foray into wearable tech with this exciting kit that includes everything you need to get started with your first project. The versatile micro:bit enclosure is specially designed to suit mobile applications and can be used with a wrist strap, keyring or lanyard.

[More Info](#)

Kitronik ZIP Halo



The Halo has 24 ZIP LEDs, which are individually addressable full colour LEDs. This means that each LED can display a huge spectrum of colours, allowing amazing colourful effects to be achieved.

[More Info](#)

Monk Makes Speaker for micro:bit



The MonkMakes Speaker for micro:bit is a neat little amplified speaker that connects to your micro:bit using alligator clips. Despite its small size, this speaker is pretty loud.

[More Info](#)

Audio Cable for micro:bit



This is the perfect cable choice for those that want to output music or general sound for the BBC micro:bit, to either headphones or speakers. At one end of the cable are the black and red crocodile clips, which connect to the microbits GND and Pin 0 respectively. At the other end of the cable is a 3.5mm stereo jack.

[More Info](#)

300 Piece LED Kit



Includes

- 5 colours: red, yellow, blue, green, white.
- 2 sizes: 3mm 40 pieces per colour and 5mm 20 pieces per colour

[More Info](#)

3V Piezo Buzzer



The 3V Piezo Buzzer is a high-performance buzzer with pin terminal/lead, low frequency tone, 70dB sound level and 2kHz resonant frequency.

It features extremely low power consumption, high sound pressure and can be used with automated inserters.

[More Info](#)