

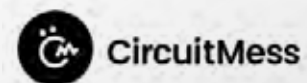
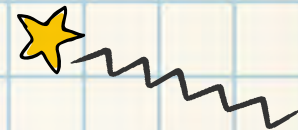
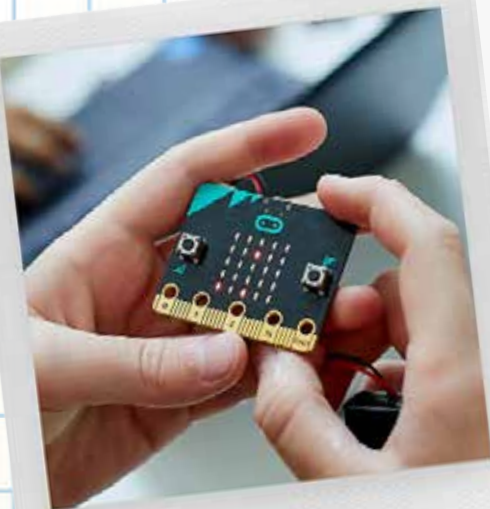
okdo™



www.OKdo.com

Welcome to OKdo, your dedicated partner in fostering STEM education excellence. As part of the RS Group, we take pride in delivering a comprehensive range of cutting-edge products and solutions tailored to the ever-evolving needs of the educational landscape.

At OKdo, we understand that STEM education is at the heart of inspiring the innovators and problem-solvers of tomorrow. Our mission is to empower educators, teachers, and educational institutions with the tools and resources they need to make learning engaging, impactful, and fun.





Bite-Sized Brilliance: The Marvelous micro:bit Experience!

OKdo is proud to introduce the BBC micro:bit, a versatile and powerful tool that is revolutionizing STEM education worldwide.

The micro:bit is a pocket-sized programmable computer that empowers students and educators alike to explore the exciting realms of science, technology, engineering, and mathematics (STEM).

Key Features:

Pocket-sized Powerhouse:

The micro:bit is a compact device equipped with a microcontroller, sensors, LEDs, and connectivity options, making it a versatile educational tool.

Easy-to-Use:

Designed with beginners in mind, the micro:bit's user-friendly interface allows students to quickly learn programming and electronics concepts.

Extensive Sensor Suite:

The micro:bit includes a wide array of sensors, including an accelerometer, magnetometer, and temperature sensor, enabling students to explore various scientific principles.

Onboard LEDs:

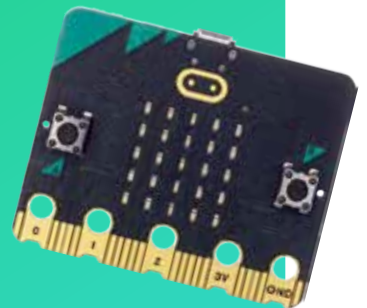
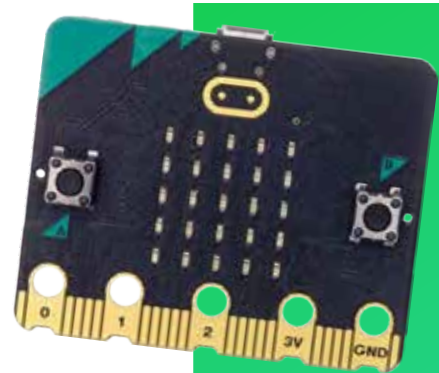
The micro:bit boasts 25 individually programmable LEDs, opening up possibilities for creative visual feedback and interactive projects.

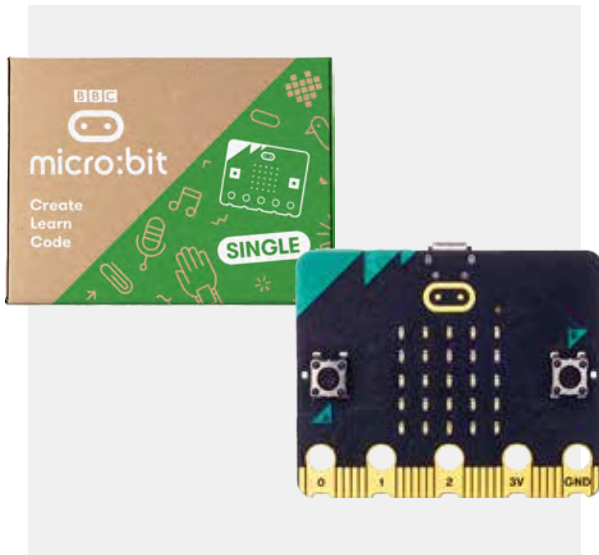
Wireless Connectivity:

Bluetooth Low Energy (BLE) support allows for wireless communication between micro:bits, smartphones, and other devices, facilitating collaborative learning.

The BBC micro:bit is a game-changer in STEM education, offering an accessible, versatile, and engaging platform for students to explore the world of programming, electronics, and digital making.

OKdo is excited to include the micro:bit in our STEM product catalogue, enabling educators to inspire the next generation of innovators and problem solvers.





BBC micro:bit board V2

SKU: 2336797

MPN: BBC MICROBIT V2.2

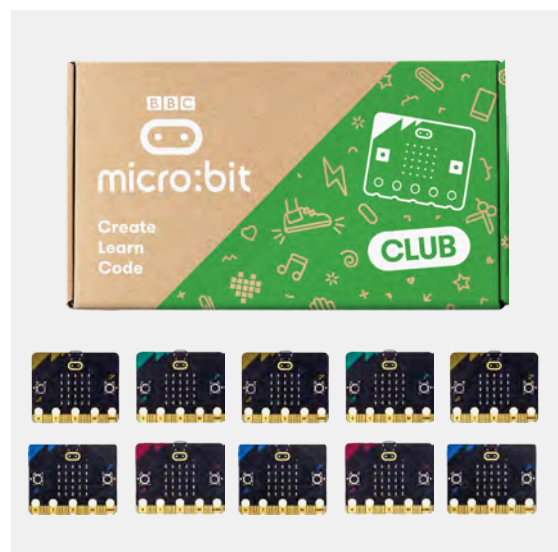
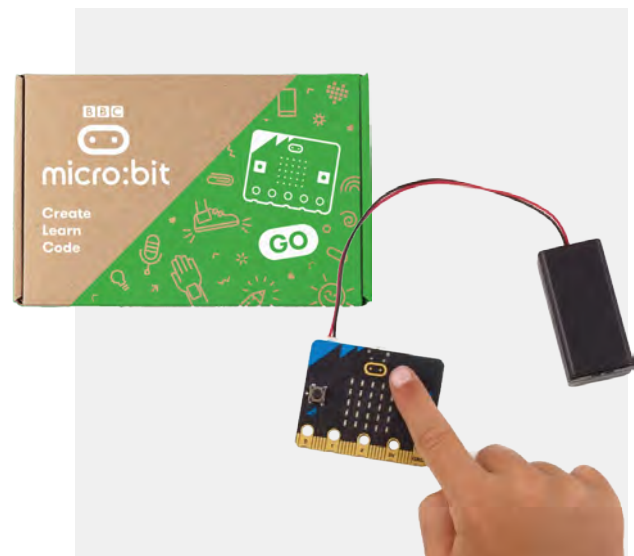
The BBC micro:bit V2 is a popular mini-computer designed for enjoyable and accessible coding education. It's perfect for teaching students of all ages to program and embark on creative projects. Fully programmable, it enables the creation of games, music, and robot control. Featuring a 25-LED display, buttons, built-in speakers, Bluetooth connectivity, and various sensors for temperature, motion, and light, it offers a versatile and engaging learning experience.

BBC micro:bit V2 Go

SKU: 2336796

MPN: BBC MICRO BIT GO V2.2

The BBC micro:bit V2 GO Starter Kit provides an excellent entry point for learning programming in an enjoyable and accessible way. It combines the best-selling micro:bit V2 board with essential components to kickstart your coding journey. Inside, you'll find the micro:bit computer, a USB cable for PC connectivity, and an AAA battery holder with included AAA batteries, enabling immediate creativity and programming exploration. Ideal for beginners seeking a hassle-free starting point.



BBC micro:bit V2 - club

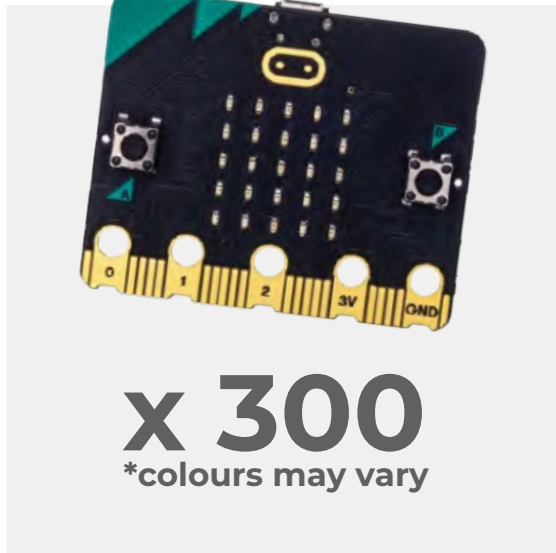
SKU: 2336795

MPN: BBC MICRO BIT CLUB V2.2

The micro:bit Club kit is a comprehensive teaching solution, offering 10 micro:bit V2 boards and essential components for easy programming. Ideal for students, it leverages the best-selling BBC micro:bit mini-computer to make coding an enjoyable and accessible learning experience. Perfectly suited for classrooms and educational settings.

What's included in the bundle?

- 10 x micro:bit V2 board
- 10 x micro USB cables
- 10 x battery holders
- 20 x AAA Batteries



BBC micro:bit V2 - bulk

SKU: 2336794

MPN: BBC MICRO BIT BULK V2.2

Featuring an impressive 300 micro:bit V2 boards.

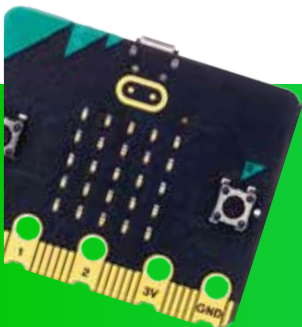
This collection provides endless opportunities for educators, institutions, and coding enthusiasts to engage in fun and accessible programming experiences. This bulk pack of 300 units is the ultimate resource for scaling up coding education and unleashing creative potential.

Micro:bit USB Cable

SKU: 2508676 (Black) & 2508677 (Green)

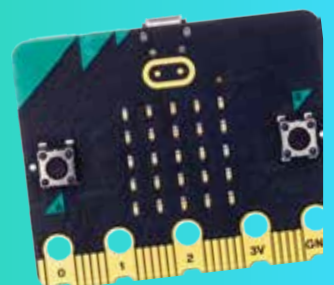
MPN: MEFUSBB30AV1 & MEFUSBG30AV1

Available in striking black and green. This cable is perfect for projects involving a Micro:bit board. Its versatility and vibrant design make it an ideal companion for a wide range of applications, ensuring seamless connectivity and convenience in your projects.



Ready to Explore the Possibilities?

Whether you're an educator seeking to inspire young minds, a student eager to explore the wonders of STEM, or a maker looking to bring your ideas to life, the micro:bit is your trusty companion. With its boundless potential and limitless opportunities, it's time to take the next step towards unlocking your creative genius. Get in touch today, and let's start your micro:bit journey together!



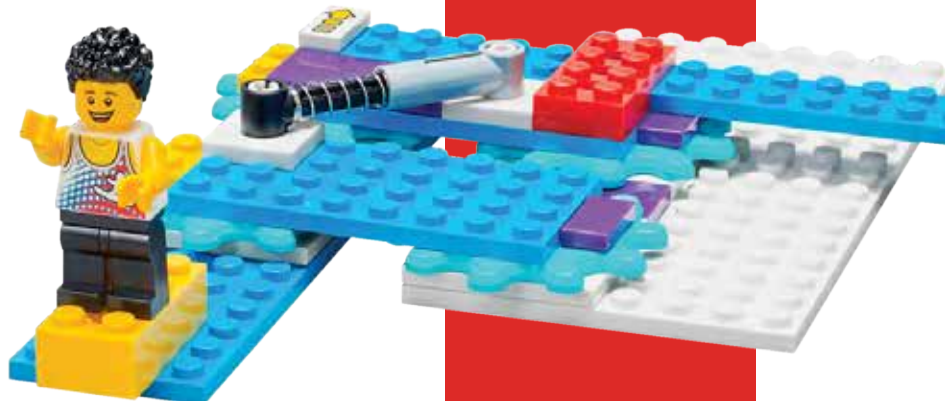
Explore, Experiment, Excel!

Lego Education, available at OKdo, offers an extraordinary range of educational solutions that seamlessly blend the timeless allure of Lego bricks with state-of-the-art technology. These captivating resources are thoughtfully designed to ignite the spark of curiosity in learners of all ages, making STEM subjects, coding, and robotics accessible to all skill levels.

Our expansive catalogue includes a wide range of groundbreaking products, including the popular SPIKE[™] and BricQ range. SPIKE[™] offers a transformative experience, enabling students to delve into robotics, programming, and engineering, while BricQ provides a unique avenue to explore science concepts through hands-on experimentation.

From the vibrant classrooms of primary education to university laboratories, Lego Education empowers educators to cultivate creativity, nurture critical thinking, with problem-solving at the heart of every product. With Lego Education at their disposal, learners embark on a journey of exploration, experimentation, and discovery, charting their own path to a brighter STEM future.

Unlock the boundless potential of learning through play with Lego Education at OKdo, where education meets imagination, innovation, and inspiration.





LEGO® Education SPIKE™ Essential Set

SKU: 2412710

MPN: 45345

The LEGO® Education SPIKE™ Essential Set is designed for primary school children aged 6+, offering an interactive STEM learning experience that introduces coding and robotics. With 449 pieces, it includes 4 Minifigures with unique personalities, promoting STEM exploration while enhancing literacy, math, and social-emotional skills.

Ideal for classrooms, it offers 5 sets of 8 x 45-minute STEAM lessons aligned with the curriculum and comprehensive teacher support. This set features intuitive LEGO® bricks, 2 Small Motors, a Colour Sensor, Colour Light Matrix, and an intelligent Small Hub with Bluetooth connectivity. It simplifies coding with the SPIKE™ App, making it accessible for beginners. Overall, it's an engaging and educational resource that fosters 21st-century knowledge and simplifies teaching for educators.

LEGO® Education SPIKE™ Prime Set

SKU: 2213994

MPN: 45678

The LEGO® Education SPIKE™ Prime Set is an outstanding STEAM learning resource designed for secondary school students, offering a seamless introduction to coding and robotics in the classroom. This comprehensive kit blends vibrant LEGO Education building components, a programmable multi-port Hub, and user-friendly coding languages based on Scratch and Python, suitable for novices and advanced coders alike. With curriculum-aligned STEAM lessons, colorful LEGO bricks, and relatable mini-figures, it fosters accessible robotics education, engaging both students and educators.

The set includes precise motors and sensors, streamlining project creation, and comes with a durable storage solution and professional development resources for teachers. It empowers students to hone engineering, problem-solving, coding, and data handling skills, fostering a dynamic STEAM learning environment.





LEGO® Education SPIKE™ Prime Expansion

SKU: 2213995

MPN: 45680

The LEGO® Education SPIKE™ Prime Expansion Set offers a dynamic approach to creative robotics in secondary school classrooms, with over 600 LEGO Education elements for students aged 10 and above. This kit enables students to construct robots using large wheels, gear racks, a motor, and a color sensor, fostering hands-on STEAM learning. With over 10 hours of curriculum-based content, students gain problem-solving, debugging, and critical thinking skills, alongside collaborative team-building experiences. The set seamlessly integrates with the SPIKE Prime Set and the SPIKE App.

LEGO® Education BricQ Motion Prime Set

SKU: 2213992

MPN: 45400

An accessible STEAM learning platform for students aged 10 and above. Comprising over 500 LEGO Education elements, mini-figures, and mechanical components like gears and springs, this kit enables creative robotics exploration in secondary schools. It includes seven 45-minute curriculum-based lessons, backed by educational materials such as videos, worksheets, and lesson plans, empowering teachers to confidently introduce robotics. Students develop problem-solving skills, explore forces, practice cause-and-effect relationships, and enhance oral communication through collaborative activities.



LEGO® Education BricQ Motion Essential Set

SKU: 2213993

MPN: 45401

The LEGO® Education BricQ Motion Essential Set introduces primary school students to STEAM learning and robotics in an engaging manner. This kit includes over 500 LEGO elements, mini-figures, gears, and more, enabling students aged 6 and above to build robots and explore physical engineering and programming concepts. It offers two units of seven 45-minute lessons with supporting materials like videos, worksheets, and lesson plans, ensuring comprehensive teacher support for creative robotics education. Students enhance problem-solving, scientific inquiry, and communication skills while discovering the principles of forces and motion.





LEGO® Education STEAM Park

SKU: 2412707

MPN: 45024



LEGO® Education Coding Express

SKU: 2412709

MPN: 45025



LEGO® Education BricQ Motion Essential Kit

SKU: 2213990

MPN: 2000481



LEGO® Education BricQ Motion Prime Personal Learning Kit

SKU: 2213989

MPN: 2000480



Give Your Classroom a Creative Revolution with Bare Conductive

Discover the innovative world of Bare Conductive, available at OKdo. Specializing in interactive electronics and touch-sensitive solutions, Bare Conductive brings creativity and technology together through their Electric Paint and Touch Board technology. Transform any surface into a touch-sensitive interface and simplify your interactive projects with their unique offerings, ideal for artists, designers, and electronics enthusiasts.

What is Bare Conductive?

Conductive Electric Paint:

Bare Conductive offers a revolutionary water-based electrically conductive paint that can transform ordinary surfaces into touch-sensitive interfaces, providing endless possibilities for creative projects.

Next-Level Touch Board Tech:

The Touch Board, a versatile platform from Bare Conductive, features 12 capacitive touch electrodes, an MP3 decoder, and a microcontroller, making it easy to incorporate touch and proximity sensing into a wide range of applications.

Creativity and Technology Fusion:

Bare Conductive's products bridge the gap between technology and creativity, empowering artists, designers, and electronics enthusiasts to bring their imaginative ideas to life.

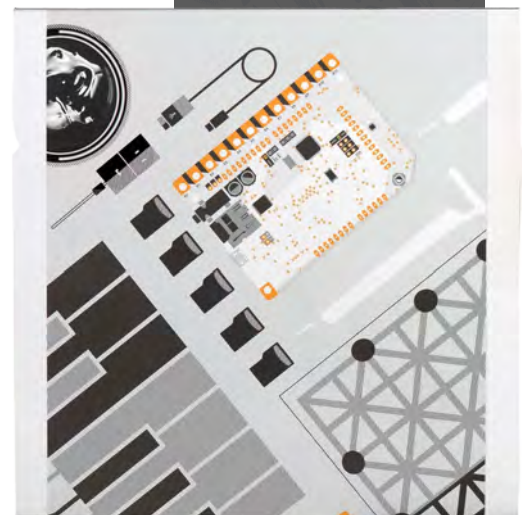
Endless Applications:

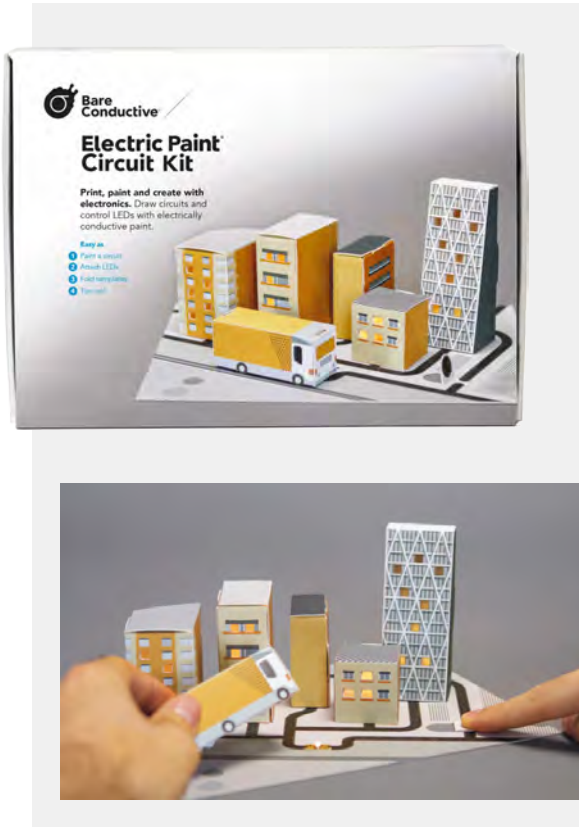
Bare Conductive, your way. Jump into a multitude of creative projects, including interactive art installations, educational tools, and prototyping, with the versatility and adaptability of Bare Conductive products.

Available now at OKdo:

Bare Conductive's cutting-edge products are available through OKdo, making it easier than ever for makers, educators, and innovators to explore the world of interactive electronics and touch-sensitive projects.

Available via okdo.com, accessing Bare Conductive's groundbreaking technology has never been easier. Kickstart your journey into the world of interactive electronics by reaching out to our sales team at sales@okdo.com. Let us help you turn your unique ideas into reality. Contact us now and embark on your next project!





Bare Conductive Electric Paint Circuit Kit

SKU: 1894511

MPN: SKU-1510

The Bare Conductive Electric Paint Circuit Kit provides a hassle-free way to explore parallel circuits, making it perfect for learners of all levels. With no need for tools, programming, wires, or special skills, this kit lets you delve into the world of Electric Paint. It includes clear instructions and marked templates, simplifying the process of drawing electrical circuits.

By adding a 9V battery to power the LED lights, you can bring your paper circuit city to life, gaining hands-on experience with Electric Paint's viscosity and application techniques. It's an engaging project that introduces the basics of circuits, switches, and parallel circuits, making it accessible and fun for everyone.

Bare Conductive Interactive Workshop Pack

SKU: 2686958

MPN: SKU-5433

The Bare Conductive Interactive Workshop Pack is an impressive resource designed to inspire groups through interactive design projects using Electric Paint, Printed Sensors, and the Touch Board. Whether you're an educator, running a Makerspace, or representing an education institution, this kit equips you to lead three engaging workshops, each accommodating up to 25 participants.

It focuses on creating musical instruments, game controllers, and interactive posters, providing hands-on experience in combining design and electronics. The pack requires no previous experience and is suitable for participants aged 10 and above. With its emphasis on sensors, programming, and design, it encourages creativity and learning. The projects can be completed in as little as 30 minutes, making it a versatile and engaging resource for introducing electronics and interactive design.





Bare Conductive Electric Paint 10ml

SKU: 2680047

MPN: SKU-0025

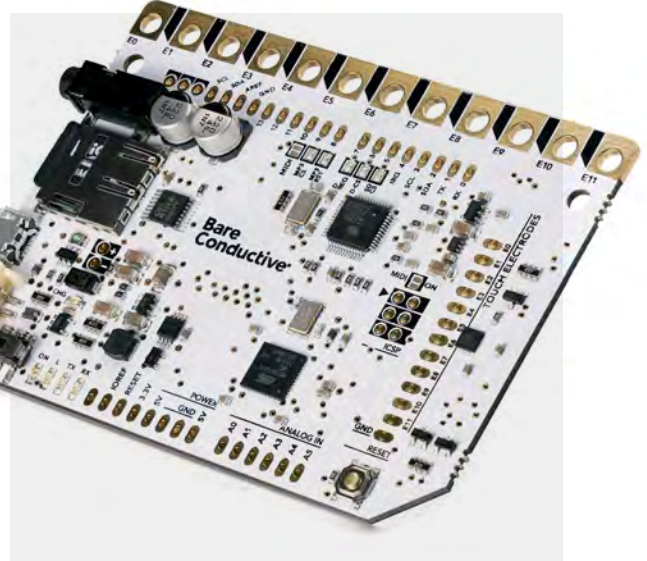
The Bare Conductive Electric Paint Sachet contains 10ml of conductive paint that's non-toxic and solvent-free. This versatile paint adheres to various surfaces and air-dries at room temperature. It serves as a practical tool for cold soldering, repairing electronic devices, or drawing small circuits. The resealable sachet is designed for easy dispensing, providing up to 5 meters of paint. Additionally, the paint remains usable for up to two weeks, offering flexibility and convenience for a range of creative and DIY projects.

Bare Conductive Touch Board

SKU: 8371729

MPN: SKU-5013

The Bare Conductive Touch Board is a versatile interface that transforms nearly any surface into a touch and proximity sensor, enhancing interactive projects. It boasts 12 high-resolution capacitive electrodes and incorporates an MP3 decoder and MIDI synthesizer. This device can function as a USB mouse, keyboard, serial port, or MIDI device. Built upon the Arduino Leonardo platform, it utilizes the ATmega32U4 chip running at 16MHz and 5V. With easy reprogramming through the Arduino IDE and a micro-USB cable, it offers flexibility for a wide range of interactive and creative applications.



Bare Conductive Touch Board Starter Kit

SKU: 8968115

MPN: SKU-5235

The Bare Conductive Touch Board Starter Kit equips beginners with a Touch Board, Electric Paint, essential components, and step-by-step instructions for completing three engaging projects. These projects provide a hands-on experience, allowing users to explore sensors in their environment and build confidence without requiring any programming knowledge. The kit focuses on designing interactive posters, adding interactivity to objects, and creating smart environments. With its beginner-friendly approach and comprehensive project resources, it's the perfect introduction to the world of interactive projects.



Bare Conductive Electric Paint Lamp Kit

SKU: 1749570

MPN: SKU-1107

The Bare Conductive Electric Paint Lamp Kit is a captivating and accessible gateway into the world of interactive lighting. It has been ingeniously designed to make the fascinating realm of light and technology accessible to individuals with no prior expertise or the need for specialised tools. This kit combines two essential components: Electric Paint and the versatile Light Up Board, which enables you to transform a simple piece of paper into a captivating touch-sensitive lamp.

One of the standout features of this kit is its versatility, allowing you to craft a variety of lighting solutions with ease. Inside the kit, you'll find three distinct templates, each designed to create different types of interactive lamps. Through hands-on experimentation, you'll gain insights into capacitive, touch, and proximity sensors, providing you with a solid foundation for further exploration of interactive lighting concepts.

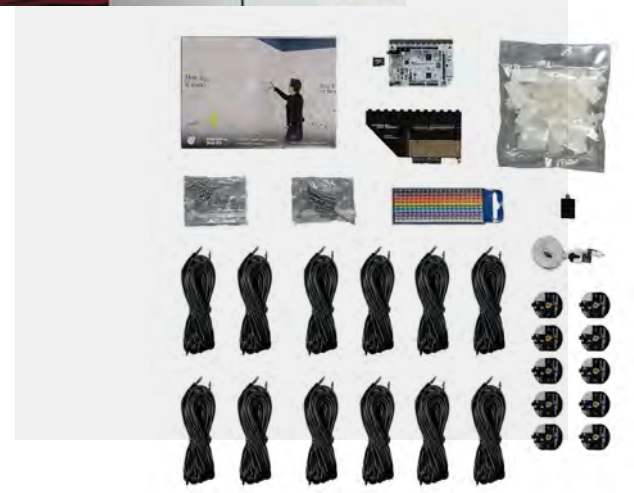
Bare Conductive Interactive Wall Kit

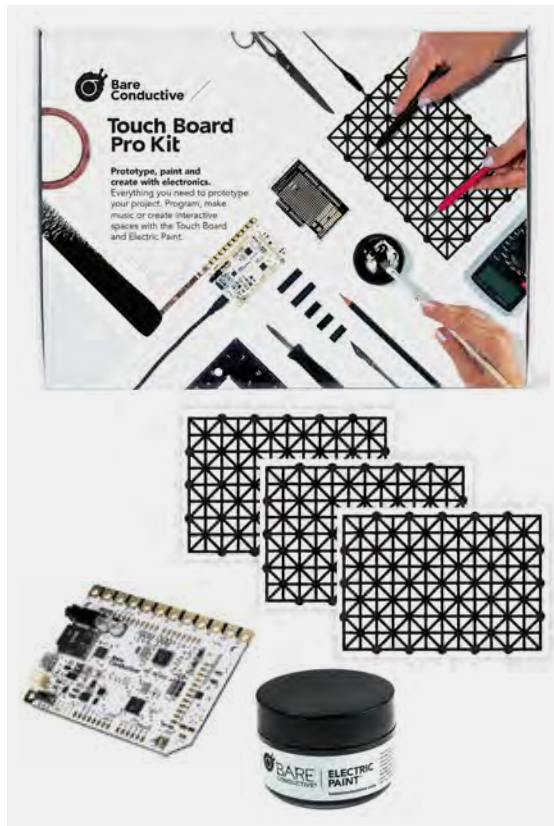
SKU: 1894514

MPN: SKU-5426

Elevate your creative projects to new heights with the Bare Conductive Interactive Wall Kit. This all-in-one solution empowers you to craft robust, reliable, and eye-catching interactive walls and murals with ease. Whether you're planning exhibition stands, retail displays, museum installations, or public space attractions, this kit has got you covered. You can construct large-scale sensor boards, measuring up to 10m x 10m, equipped with 12 touch and touchless/proximity sensors.

What sets this kit apart is its user-friendliness. You don't need specialist skills or previous electronic experience. Detailed step-by-step instructions and easy-to-install hardware ensure that anyone can embark on this creative journey. Moreover, the kit offers reusability, making it a wise investment for multiple projects. Explore the world of interactive art effortlessly with the Bare Conductive Interactive Wall Kit, and let your imagination run wild!





Bare Conductive Touch Board Pro Kit

SKU: 1749568

MPN: SKU-5303

The Bare Conductive Touch Board Pro Kit revolutionises interactive project prototyping, combining Electric Paint and the Touch Board for a versatile creative experience. From interactive wallpaper to musical instruments and talking murals, this kit equips you with all the tools and resources needed for experimentation. Unleash your creativity with touch and proximity sensors, and easily set up demos or craft bespoke sensors.

Key components include the Touch Board Proto Shield, pre-printed Electric Paint sensors, copper tape for long-distance connections, and a comprehensive Resource Guide. This kit extends the Touch Board's capabilities by adding Bluetooth, Wi-Fi, LEDs, and more. Explore proximity sensing and scale up with ease. The kit includes a Touch Board, Electric Paint in 10ml and 50ml sizes, three Printed Sensors, copper tape, a Resource Guide, microSD card, microSD card reader, Micro USB cable, and ten Crocodile clips. Transform your creative projects with the Bare Conductive Touch Board Pro Kit - a game-changer for innovators and creators.



Bare Conductive Electric Paint 60ml

SKU: 8352693

MPN: SKU-0216



Bare Conductive Electric Paint 1L

SKU: 1894513

MPN: SKU-0308



Empower Your Classroom with Arduino

OKdo takes pride in offering an exciting and comprehensive range of Arduino education products designed to meet the unique needs of learners at all skill levels.

Arduino education solutions are valued in classrooms and learning environments due to their innate user-friendliness. This ease of use makes them accessible to students with varying levels of experience.



Arduino's Top 3 Classroom Benefits

- **Hands-On Learning**
Arduino enables practical, hands-on learning in electronics, programming, and STEM subjects, making education engaging and memorable.
- **Versatility and Creativity**
Arduino's flexibility allows for a wide range of projects, encouraging creativity and problem-solving skills in students.
- **Open-Source and Community Support**
Arduino's open-source nature and active community provide a wealth of resources, lesson plans, and support for teachers and students.

Arduino's open-source platform offers limitless opportunities for customisation and creativity, which is essential for nurturing innovation. With a wealth of educational resources and a vibrant community, Arduino empowers students and educators to excel in the world of electronics and programming.

If you ever have questions or need guidance on selecting the right Arduino education product, please don't hesitate to contact our expert team at sales@okdo.com. We're dedicated to providing the support you need to unlock the full educational potential of Arduino.





Arduino Science Kit Rev 3

SKU: 2686966

MPN: AKX00045

Introducing the Arduino Science Kit Rev 3, an essential addition to any educational program. This kit offers a hands-on approach to learning, designed to inspire students while conducting exciting experiments and deciphering data. It comes equipped with the Arduino Science Journal app, enabling real-time data collection and analysis, making data both accessible and captivating. What sets this kit apart is its user-friendly design, eliminating the need for prior coding or electronics expertise, and it includes preloaded programs and Bluetooth technology for seamless learning.

The kit boasts a comprehensive sensor ecosystem, featuring cutting-edge hardware and software components, such as the Arduino Nano RP2040 Connect and the Science Carrier R3, along with a wide array of sensors. It bridges the gap between theory and practical application, fostering innovative ideas.

This kit not only enhances learning but also fosters deep understanding of complex physics concepts, critical thinking skills, and the practical application of science in the real world. Additionally, it offers free guided courses for both students and educators, ensuring comprehensive teaching support. For educators, it serves as a dependable companion, streamlining the instructional journey, guiding on kit utilisation, data presentation, analysis, and evaluation, ultimately nurturing students' scientific prowess.





Arduino Student Kit

SKU: 2067118

MPN: AKX00025

The Arduino Student Kit in English is your gateway to mastering the fundamentals of programming, coding, and electronics. This comprehensive kit equips you with essential knowledge about current, voltage, and digital logic, regardless of your prior experience. With step-by-step guidance, it's perfect for remote teaching, homeschooling, or self-learning.

You'll receive all the necessary hardware and software for an individual, ensuring a seamless educational journey. The kit includes detailed lessons, practical exercises, and offers an enriched experience with extra content, featuring invention spotlights, intriguing concepts, and fascinating facts about electronics, technology, and programming. Explore, experiment, and expand your horizons with this educational powerhouse.

Arduino Education Starter Kit

SKU: 2508675

MPN: AKX00023

The Arduino Education Starter Kit AKX00023 is an educator's dream, designed to introduce students to programming, coding, and electronics. It provides a user-friendly, step-by-step approach suitable for individuals with no prior experience. With teacher guides and adaptable pacing, educators can confidently integrate these lessons into their curricula.

This comprehensive kit includes all necessary hardware and software for eight students, offering engaging lessons and projects that build on each other. The benefits are twofold, as it not only equips students with essential technical skills but also fosters 21st-century skills like collaboration and problem-solving. The kit includes an extensive array of components and access to online resources for an enriched educational experience that aligns with US Common Standard Concepts in Coding and Electronics.





Arduino Engineering Kit Rev 2

SKU: 2508674

MPN: AKX00022

The Arduino Engineering Kit Rev2 offers an exciting challenge to engineering students, fostering their mechatronic engineering skills through engaging projects. It's a practical, hands-on learning tool that showcases core aspects of mechatronics, MATLAB, and Simulink programming, while also enhancing key engineering skills. This versatile kit is suitable for secondary school-aged students with some prior programming knowledge and provides a deeper understanding of critical engineering concepts through experiential learning.

With projects covering topics like control systems, robotics, image processing, and more, students are empowered to connect theoretical knowledge with practical applications in a collaborative and outcome-driven environment. The kit includes access to an e-learning platform and one-year free trial licenses for MATLAB and Simulink, allowing students to delve into system modeling and embedded algorithm development. Whether in labs or remote learning, this kit offers valuable skills and experiences for future engineers.

Arduino Tinkerkit Braccio

SKU: 1113738

MPN: T050000

The TinkerKit Braccio presents an Arduino-controlled robotic arm in kit form, ideal for desktop applications.

This versatile arm can be tailored to your specific needs, enabling tasks such as object manipulation, camera tracking, and solar panel alignment. It boasts a maximum operating distance of 80 cm, a maximum height of 52 cm, and multiple servo motors for enhanced functionality.

While it arrives as a kit and necessitates assembly, it's the perfect tool for those seeking hands-on experience with robotics and Arduino technology. Please note that an Arduino Board, like the RS 715-4081, is required for operation.





Sphero Bolt

SKU: 1871549

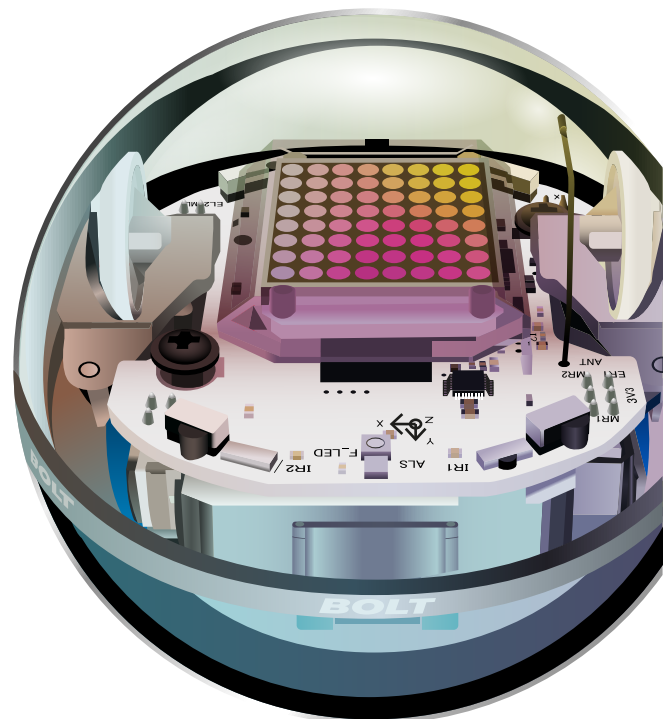
MPN: K002ROW

Sphero BOLT is an innovative app-enabled robotic ball that transforms learning into a creative and enjoyable adventure. It boasts an impressive 8x8 LED Matrix, which can animate and display real-time data, opening the door to endless customization and coding possibilities.

With advanced sensors monitoring speed, acceleration, and direction, BOLT offers in-depth exploration. Its built-in compass facilitates precise orientation and navigation. Infrared communication capability allows for interactions with other BOLTs, unlocking brand new games and advanced coding tactics.

The Sphero Edu app supports programming from various devices, offering cross-platform, cross-curriculum, STEAM-centric activities that encourage imagination and educational growth. The Sphero Edu app, compatible with multiple platforms, makes learning and playing with BOLT an engaging and enlightening experience for all skill levels.

With a robust UV-coated clear plastic shell, Bluetooth SMART connectivity, and inductive charging, BOLT is both durable and adaptable. The package includes the robotic ball, inductive charging base, USB cable, protractor, sticker sheet, and a quick start guide.





Sphero Bolt Power Pack

SKU: 1871552

MPN: PP02ROW

The Sphero Bolt Power Pack (including 15 Sphero Bolts) is an educational game-changer, designed to simplify and enhance the management of Sphero Bolt robots in educational environments. It can charge, store, and transport up to 15 Sphero Bolt robots, making it ideal for educators using the Sphero Edu program. With extended battery life, auto-aiming, and essential accessories, this power pack is perfect for classrooms, robotics clubs, or maker spaces.

It includes a sleek, airline-compliant carrying case with rollers and a retractable handle for easy transportation. The Sphero Bolt robot itself offers limitless opportunities for creativity and learning with its advanced features, supported by the Sphero Edu app. This power pack transforms the teaching of robotics and STEAM education, making it comprehensive and engaging.

Sphero Mini - Red / Blue

SKU: 2548855 / 2548853

MPN: M001RRW / M001BRW

The Sphero Mini, available in Red and Blue, is a compact yet powerful robotic ball, equipped with a gyroscope, accelerometer, and vibrant LED lights. With each robot, you receive 3 traffic cones and 6 bowling pins, allowing you to create engaging obstacle courses or enjoy arcade-style games.

The Sphero Play app provides different drive modes and basic coding commands for limitless entertainment. The Mini features a removable shell and Bluetooth Smart connectivity with a range of 100 feet. It's compact, with dimensions of 42mm in height and width, weighing just 46g, and offers a top speed of 1 m/s. This dynamic robotic ball offers endless opportunities for interactive play and learning.





Sphero Mini Soccer

SKU: 2548858

MPN: M001SRW



Sphero Mini Golf

SKU: 2548854

MPN: M001G



Sphero Mini Activity Kit

SKU: 2548856

MPN: M001RW2



Sphero Mini Activity EDU 16 Pack - V2

SKU: 2548844

MPN: 910-0365



Sphero City and Golf Code Mat with Activity Cards

SKU: 2548850

MPN: CODEMAT01

Sphero Code Mat is a versatile double-sided mat designed to introduce budding engineers to the world of block-based coding, basic math principles, and collaborative problem-solving using Sphero robots, like the Sphero BOLT.

With Sphero City and Golf Code Mat, learning is an adventure. The city side lets you explore urban streets while gaining a strong foundation in computational thinking through Draw, Blocks, or Text programming. Alternatively, switch to the golf side to program your Sphero robot to take a swing on the golf course, learning about concepts like distance, speed, math fundamentals, and basic coding. This dual-sided mat offers limitless opportunities for skill-building and fun.

Included with the Sphero Code Mat are three sets of 10 double-sided activity cards, each providing guided coding lessons, challenges, and games to help learners level up their coding skills. The mat is complemented by the Sphero Edu app, available for download on various platforms, offering a comprehensive learning experience.

Sphero Space and Soccer Code Mat with Activity Cards

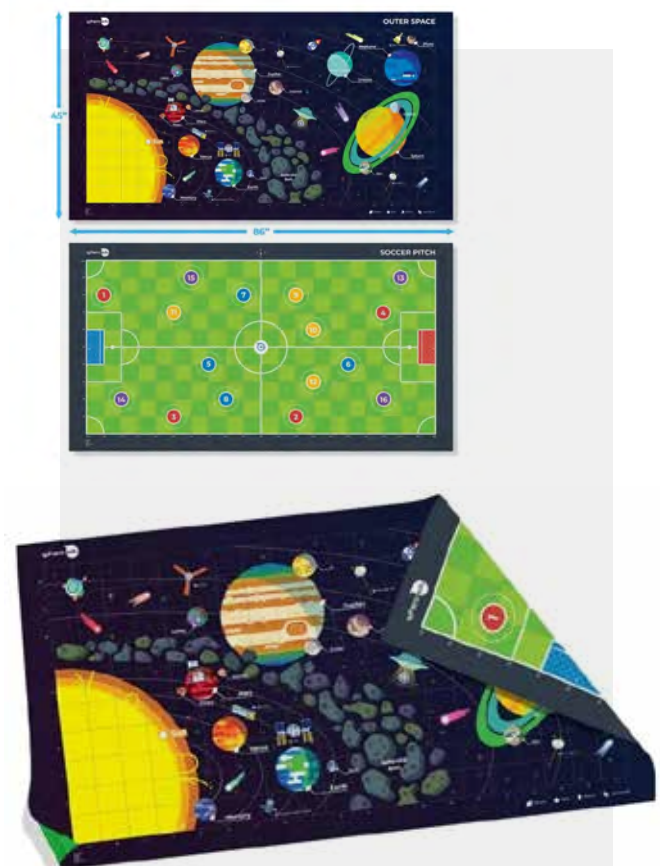
SKU: 2548851

MPN: CODEMAT02

Sphero Code Mat offers a dynamic, double-sided platform designed to empower aspiring engineers with the fundamentals of block-based coding, essential math concepts, and collaborative problem-solving using spherical Sphero robots, such as the Sphero BOLT.

The Sphero Space and Soccer Code Mat transforms learning into an engaging adventure. Embark on a cosmic journey with the Space side, exploring the solar system while building a strong foundation in computational thinking. Alternatively, take to the Soccer side to program your Sphero robot to navigate the soccer pitch, mastering coding techniques.

The Sphero Code Mat includes three sets of 10 double-sided activity cards, delivering guided coding lessons, challenges, and games to foster coding proficiency. Supported by the Sphero Edu app, available for download on various platforms, it offers a comprehensive educational experience.





Sphero indi Robot Student Kit

SKU: 2548848

MPN: 980-0530

Sphero's indi Robot is an entry-level educational robot designed to introduce early learners (1-3 students) to computational thinking, STEAM, and computer science principles in an engaging way. indi encourages open-ended STEAM-based learning, allowing students to build custom mazes, solve puzzles, and interact with the robot. It's suitable for small groups, at-home learning, or homeschooling. With an on-board color sensor and access to the free Sphero Edu Jr app, students can level up their programming skills. The indi Student Kit includes the robot, programming challenge cards, color tiles, a carrying case, a beginner's guide to programming, and a charging cable.

Sphero indi Robot At-Home Learning Kit

SKU: 2548847

MPN: 980-0529

Sphero's indi At-Home Learning Kit is an entry-level educational robot for kids that fosters play-based learning. It empowers children to create and navigate mazes, teaching problem-solving and computational thinking. With an onboard color sensor and cards, it sparks creativity without requiring an app. Kids can build mazes, solve puzzles, and explore coding concepts, further enhancing their computer science skills with the free Sphero Edu Jr app. The kit includes accessories that encourage creative and critical thinking, providing an engaging entry point for coding and learning.



Sphero indi Robot Classroom Pack (8 indis)

SKU: 2548849

MPN: 980-0532

The Sphero indi Classroom Kit introduces early learners to computational thinking and STEAM principles with 8 indi robots. This kit fosters imaginative and fun learning experiences, allowing students to create custom mazes, solve puzzles, and drive indi in real-life scenarios. Educators can confidently teach coding, inspiring problem-solving and creative expression. Indi offers an unplugged experience with an onboard color sensor and additional learning options in the free Sphero Edu Jr app. This comprehensive kit equips educators with the tools to engage the whole class in robotics education, promoting lifelong skills development.



Sphero RVR+ V1.5

SKU: 2548845

MPN: 940-0601

Sphero's RVR+ V1.5 is an advanced, customizable robot designed for ages 10+. It offers a dynamic way for students to delve into more advanced programming concepts while fostering creativity. With rugged all-terrain features, a powerful motor, and sophisticated controls, RVR+ V1.5 can navigate various landscapes.

The Sphero Edu app simplifies driving and programming this versatile robot. It's an expandable platform that supports third-party hardware like BBC micro:bit, Arduino, or Sphero's own littleBits, making it ideal for budding programmers looking to unleash their creativity.

The package includes the RVR+ V1.5 Mobile Robot, removable cover plates, a protective roll cage, and more.



Sphero RVR+ V1.5 – Multi Pack of 6

SKU: 2548851

MPN: CODEMAT02

The Sphero RVR+ V1.5 Classroom Kit introduces a more advanced robot suitable for classroom use, with six RVR+ V1.5 robots included. These rugged and versatile robots are perfect for teaching programming and computer science, as they can navigate a variety of terrains.

The kit features an RVR+ Educator Guide, offering helpful tips and activities for successful classroom integration. The free Sphero Edu app provides hundreds of coding and computer science lessons to keep students engaged.

Additionally, RVR+ V1.5 is an expandable platform, allowing connections to third-party hardware like Arduino, BBC micro:bit, and more, fostering creativity and skills in budding programmers.





Sphero Invention Kit Craft Pack

SKU: 2548843

MPN: 680-0521

The Sphero Craft Kit is a versatile resource suitable for both littleBits and Sphero robots. This all-inclusive craft pack equips you with a wide array of crafting materials, boasting over 31 different items and hundreds of materials. It's the perfect companion for elevating your creations and inventions, particularly ideal for Sphero Global Challenge Submissions.

The Craft Pack simplifies the process with common materials essential for nurturing students' innovative ideas, all conveniently packed within one box. It is a valuable addition to your MakerSpace, complemented by the BOLT Power Pack or STEAM+ Class Pack.

One Sphero Craft Pack accommodates 1-10 children.

Sphero Computer Science Foundations Courses 1-3

SKU: 2548852

MPN: CSF Complete Set

Sphero Computer Science Foundations (CSF) 1-3 is a comprehensive curriculum that seamlessly integrates with our Sphero BOLT, and some activities are compatible with RVR. It spans three courses comprising 72 lessons, providing teachers and students with a platform to delve into STEAM principles through creative coding.

By the course's conclusion, students will exhibit mastery of block programming and can proficiently manipulate sensors, loops, conditionals, variables, functions, and even rewrite block programs into JavaScript. The package features a perpetual license, granting access to all digital student materials and content.

Additionally, it adheres to rigorous educational standards, including NGSS, CSTA, TEKS, and a range of international and state standards.





DFRobot BOSON Inventor Kit for micro:bit

SKU: 2018099

MPN: TOY0083

DFRobot's Boson Inventor's Kit is a breakthrough in STEM education and electronics exploration, tailored for young inventors, educators, and inquisitive tinkerers. Its ingenious design simplifies intricate circuits into manageable, functional modules, promoting easy comprehension without the need for coding or soldering.

This kit is an invaluable tool for STEM classrooms, making complex concepts accessible and engaging for all. It encourages hands-on interaction with electronics, fostering creativity, critical thinking, and technical skills.

The Boson Inventor's Kit offers a hands-on approach to electronics and real-world problem-solving experiences, making it a fantastic choice for those seeking to explore the world of electronics without the complexities of coding or soldering.

Micro:bit sold separately.

DFRobot BOSON Science Kit for micro:bit

SKU: 2018100

MPN: TOY0084

DFRobot's Boson Science Kit is a cutting-edge scientific exploration tool, specially designed for young scientists to establish their hands-on STEM laboratories. This comprehensive kit features 8 high-precision scientific sensors, covering physics, chemistry, and biology, all built to industrial standards.

Unlike traditional science kits, Boson's scientific sensors provide instantaneous and precise results in the form of electric signals. This innovation allows young learners to delve into the realms of scientific discovery with hands-on experiments.

The Boson Science Kit empowers students with the ability to harness the power of cutting-edge sensors and digital technology, enhancing their understanding of fundamental scientific principles while cultivating essential STEM skills.

Micro:bit sold separately.





DFRobot BOSON Starter Kit for micro:bit

SKU: 2018101

MPN: TOY0086

The DFRobot Boson Starter Kit for BBC micro:bit is an exceptional educational tool. It introduces young minds, typically aged 10 and above, to the world of coding and electronics through the compact BBC micro:bit microcontroller.

This pocket-sized device empowers kids and beginners to seamlessly transform their creative ideas into tangible digital games, interactive projects, and even rudimentary robotics. The Boson Starter Kit nurtures programming abilities by providing an accessible platform for sound, light, and motion interaction.

By offering hands-on experience and a user-friendly interface, it fosters a generation of young learners who can easily engage with the world of technology and innovation.

Micro:bit sold separately.

DFRobot Gravity IoT Starter Kit for micro:bit

SKU: 2018093

MPN: KIT0138

DFRobot's Boson Science Kit is a cutting-edge scientific exploration tool, specially designed for young scientists to establish their hands-on STEM laboratories. This comprehensive kit features 8 high-precision scientific sensors, covering physics, chemistry, and biology, all built to industrial standards.

Unlike traditional science kits, Boson's scientific sensors provide instantaneous and precise results in the form of electric signals. This innovation allows young learners to delve into the realms of scientific discovery with hands-on experiments.

The Boson Science Kit empowers students with the ability to harness the power of cutting-edge sensors and digital technology, enhancing their understanding of fundamental scientific principles while cultivating essential STEM skills.

Micro:bit sold separately.





DFRobot micro: Maqueen Lite micro:bit Robot Platform

SKU: 2018094

MPN: ROB0148-EN

The DFRobot Maqueen Lite micro:bit Robot Platform is an excellent addition to STEM education. This graphical programming robot, compact and user-friendly, provides an ideal platform for young learners.

Using plug-and-play functionality, it introduces children to graphical programming in an engaging and educational manner, fostering the development of logical thinking skills. With its entertaining features such as light chasing, line tracking, and sensor-based object avoidance, the Maqueen Lite makes learning an enjoyable experience.

This robot is a fantastic tool for encouraging students to explore coding and robotics, nurturing their creativity and problem-solving abilities through hands-on activities in the field of STEM.

Micro:bit sold separately.

DFRobot Maqueen Plus

SKU: 2049897

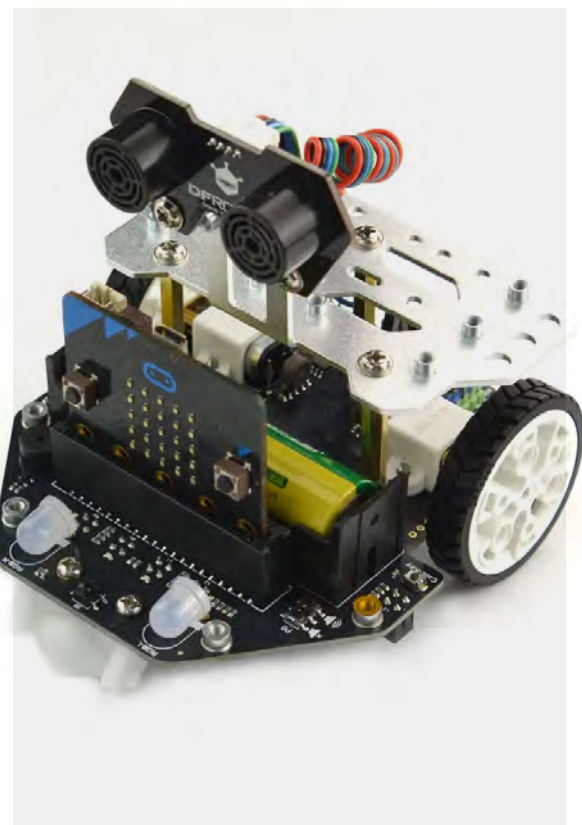
MPN: MBT0021-EN

Maqueen Plus is a versatile educational robot for beginners. Supporting programming through Mind+ and Makecode platforms, it offers drag-and-drop graphical blocks, making coding easy and fun.

This advanced version of Maqueen features more functions, extended ports, improved power management, and a larger power supply.

With a robust chassis, ultrasonic sensor, and numerous expansion ports, Maqueen Plus is suitable for classroom teaching and after-school activities, serving as a valuable tool for learning robotics and coding.

Micro:bit sold separately.





DFRobot HUSKYLENS Pro

SKU: 2049900

MPN: SEN0336

DF Robot HuskyLens PRO is an innovative AI machine vision sensor designed for straightforward use. It boasts six integrated functions, including face recognition, object tracking, object recognition, line following, color detection, and tag detection.

By utilizing the UART/I2C port, HuskyLens PRO easily interfaces with Arduino or micro:bit, simplifying complex tasks without the need for intricate algorithms.

This sensor opens the door to a realm of creative projects, empowering users to explore artificial intelligence in a user-friendly and accessible manner.

DFRobot micro: IoT – micro:bit IoT Expansion Board

SKU: 2049903

MPN: MBT0012

The micro: IoT – micro:bit IoT Expansion Board is a versatile and user-friendly tool for integrating IoT capabilities into various projects.

With features like Wi-Fi, motor control, sensors, and more, it suits a wide range of applications. This cost-effective solution simplifies IoT development, making it an excellent choice for both beginners and experienced developers.

Its compatibility with the micro:bit platform and compact design enhances its appeal for educational and portable projects, making it a valuable addition to any toolkit.





DFRobot Maqueen Mechanic

SKU: 2049904

MPN: ROB0163-EN

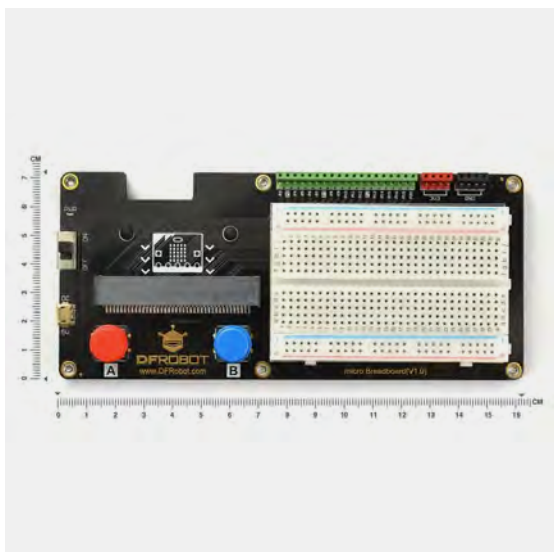
The Maqueen Mechanic kit expands the functionality of the Maqueen Plus Robot, transforming it into a loader, forklift, bulldozer, or beetle. It contains essential mechanical components like metal servos, screws, and more, facilitating straightforward installation. This kit offers an interactive learning experience by imparting valuable mechanical knowledge, making it an educational resource for students. However, it's important to note that the Maqueen, micro:bit board, and battery are not included, so users need these components separately to fully utilize the kit's potential. Enjoy a fun and educational exploration of robotics and mechanics with Maqueen Plus and this accessory kit.

DFRobot micro:Touch Keyboard

SKU: 2163776

MPN: MBT0016

The DFRobot micro:Touch math and automatic expansion board for micro:bit is a versatile tool suitable for students and a variety of applications. Featuring 16 programmable touch keys and RGB LEDs, this board enables quick calculations, math games, and automation control. It offers flexibility with multiple motor and port options and is compatible with makecode graphical programming and the Mind+ platform. With its durability and user-friendliness, it's an ideal choice for classroom use and practical learning experiences.



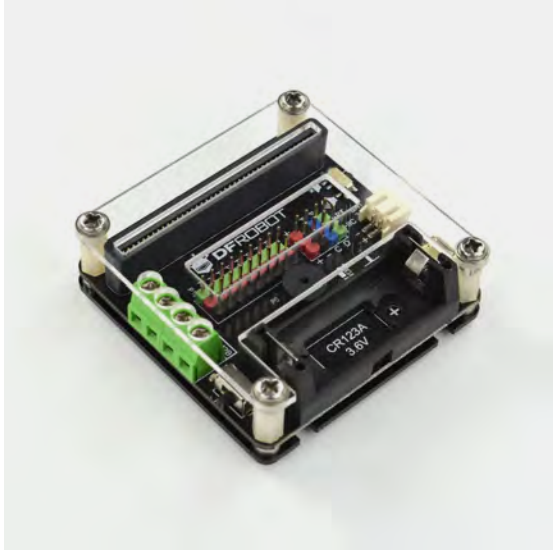
DFRobot micro: Breadboard

SKU: 2163775

MPN: MBT0009

The DFRobot micro breadboard is an expansion board tailored for STEM beginners, primarily for use with the micro:bit. This board incorporates essential features such as AB buttons, a PWR indicator, and an independent power switch, enhancing user convenience.

With these onboard elements, it provides a user-friendly platform for various STEM activities and experiments, making it an excellent choice for those starting their STEM journey with the micro:bit.



DFRobot micro: IO-BOX Expansion Board

SKU: 2163773

MPN: MBT0005

The DFRobot micro IO-BOX is a versatile expansion board designed for the micro:bit. Featuring an onboard Li-ion battery power source, this compact 6cm x 6cm board incorporates advanced boost-buck power management for cost-effective energy usage. It offers a range of functions, including a 2-way driver motor switch, 2-way I2C port, 1-way serial port, 1-way buzzer, 4-way RGB LED, Li-ion battery storage, charging circuit, and an emergency power interface, making it a powerful and multifunctional addition to micro:bit projects.

DFRobot micro: Circular RGB LED Expansion Board

SKU: 2049896

MPN: ROB0150

The DFRobot micro: Circular RGB LED Expansion Board is a versatile add-on designed to elevate micro:bit projects. This expansion board features 24 RGB LEDs arranged in a circular pattern, enabling it to function as a clock, timer, lucky turntable game, wearable ornament, or interactive colored pendant. When paired with a micro:bit main board, it transforms into an exquisite creative piece, offering endless possibilities for crafting engaging projects and interactive displays. Whether for educational purposes or creative DIY endeavors, this expansion board brings vibrant, colorful visuals to life with ease.



DFRobot Driver Expansion Board for micro:bit

SKU: 2018090

MPN: DFR0548

The DFRobot Driver Expansion Board for micro:bit is an essential tool for educators. With 9 onboard GPIO interfaces, 4-way motor drive, and 8 servo interfaces (convertible to 2-way stepper motor drive), it offers versatility for teaching electronics, robotics, and coding in STEM classrooms.



DFRobot IO Extender for micro:bit (V2)

SKU: 2163774

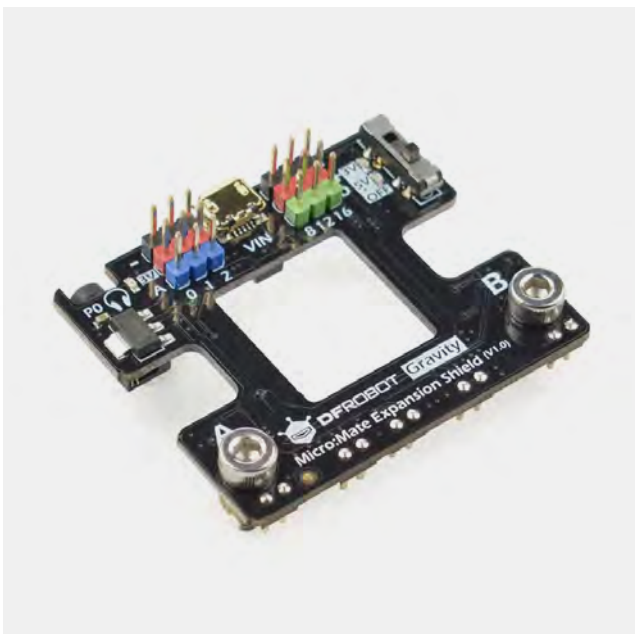
MPN: MBT0008



DFRobot CR123A Li-ion Battery Holder

SKU: 2163768

MPN: FIT0611



DFRobot micro:Mate - Expansion Board

SKU: 2163758

MPN: DFR0518



DFRobot micro:bit enclosure - Lego compatible

SKU: 2163764

MPN: FIT0533



MakeKit - Air:bit 2.0 – micro:bit drone

SKU: 2554113

MPN: Air:bit 2.0 Single

The MakeKits Air:bit drone is an engaging Quad-Copter project designed for micro:bit enthusiasts. This hands-on educational initiative empowers students to learn coding and explore STEAM education while building their own drone.

The project includes all essential materials and components for a fun learning experience. Students gain valuable knowledge in electronics, batteries, motors, propellers, and coding, nurturing key future skills in an interactive and enjoyable manner. The drone can be programmed in various languages, and its durable design ensures it withstands crashes and remains easily repairable. With expandable options, students can enhance their skills further by adding sensors, buzzers, or cameras for first-person view flights.

Easy to start with, the MakeKits Air:bit project is a fantastic way to foster creativity and technical aptitude. Please note that the micro:bit board is not included in this kit.

MakeKit - Hover:bit – micro:bit hovercraft

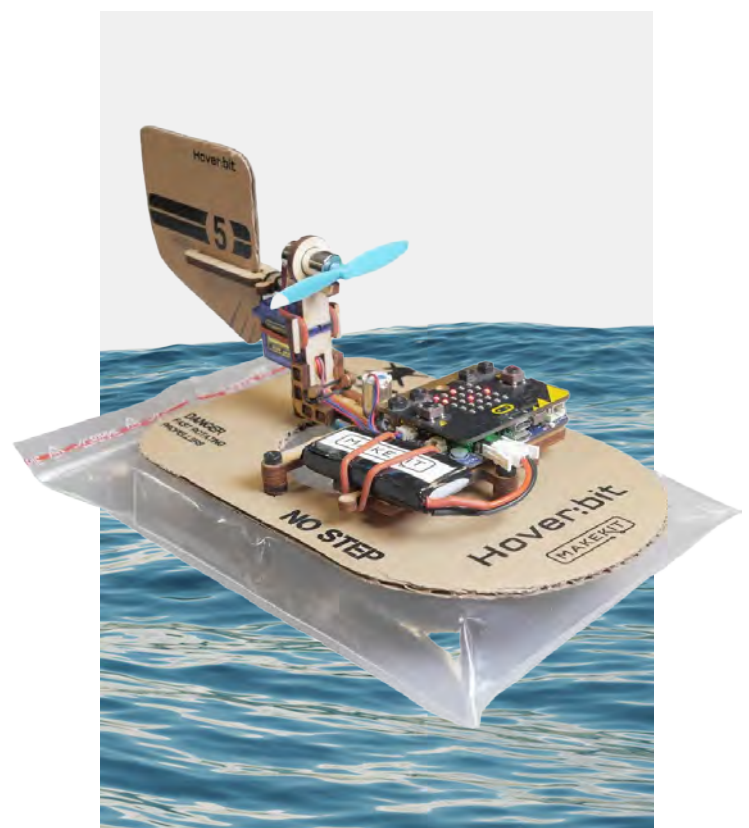
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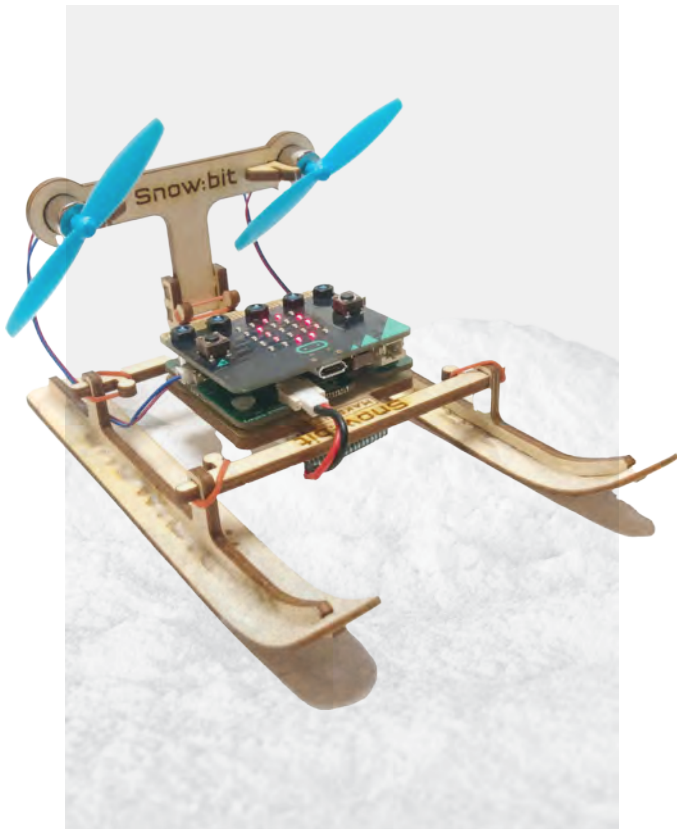
MPN: Hover:bit 2.0 Single

The MakeKits Hover:bit offers an enjoyable educational experience for learners interested in coding, electronics, and programming. This project allows you to construct your own hovercraft from cardboard, plywood, and powerful drone motors.

It's designed for easy modification, encouraging creative expression. Rechargeable and remote-controlled, it reduces the need for constant battery replacement. Compatible with the micro:bit board, the Hover:bit can be programmed using MakeCode Blocks, Javascript, Python, or pre-made programs.

This kit serves as a wonderful introduction to the world of electronics, fostering creativity and curiosity. Please note that the micro:bit board is not included in this kit.





MakeKit - Snow:bit - for snow and ice

SKU: 2727631

MPN: Snow:bit Single

Snow:bit by MakeKit is an exciting DIY snow-racer kit compatible with Hover:bit V1 or V2. Crafted from premium laser-cut birch veneer, this project offers more than just thrills. Learn the age-old art of bending skis with steam, echoing traditional wooden ski craftsmanship.

Snow:bit's unique propeller-driven design reaches speeds of up to 40 km/h, ensuring an exhilarating ride. Experiment with various ski lubricants to optimize performance. Versatility is key – use it with or without skis, adapting to different terrains, though it excels on flat, hard surfaces. This kit is an adventure, an educational journey, and a hands-on winter sports experience in one.



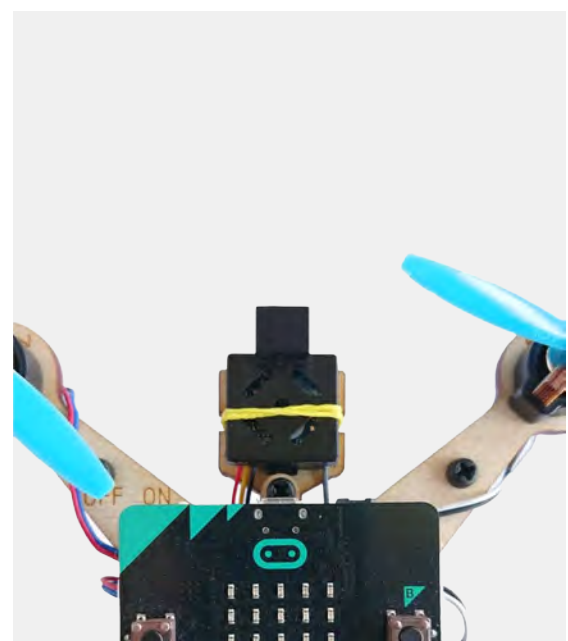
MakeKit - Wi-fi Camera Robot Kit

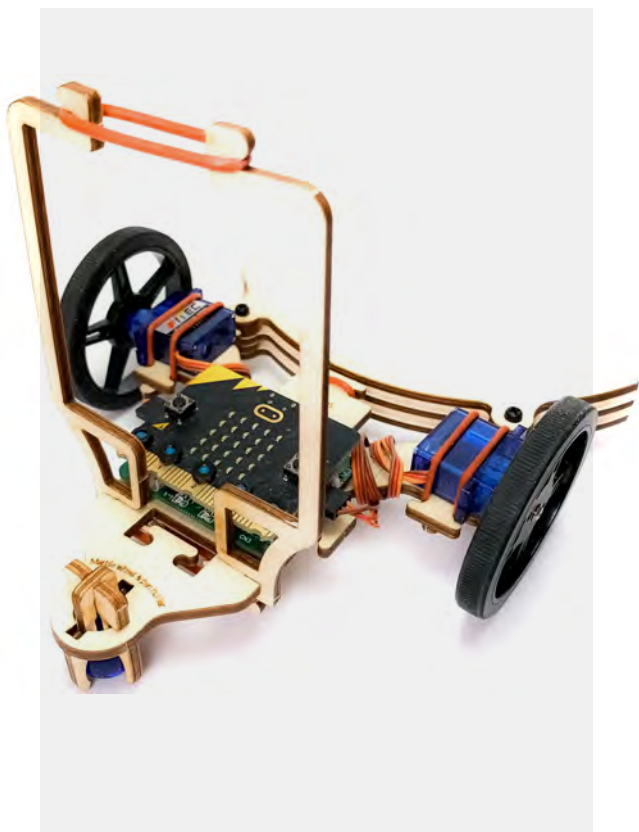
SKU: 2727633

MPN: Wifi-Camera

Satisfy your curiosity about the world from a bird's-eye vantage point with the Wi-fi Camera Robot Kit, a DIY camera that brings the exhilarating realm of new perspectives to the Air:bit, Hover:bit and Snow:bit. Craft your own drone pairing this product with the Air:bit, or attach to the Snow:bit for a thrilling down hill view.

The Wifi Camera is suitable for all skill levels. Attaching the camera is a breeze, and with mobile apps readily available, you can seamlessly enjoy bird's-eye views in just a few easy steps. The kit includes a comprehensive instruction manual in both English and Norwegian, ensuring that you have all the information you need to embark on this thrilling journey. Explore and capture the world from a captivating new angle, effortlessly.





MakeKit - Wheel:bit Robot Kit

SKU: 2727632

MPN: Wheel:bit Single

Unlock your creativity with the MakeKit Wheel bit Robot kit – a versatile platform that transforms into a drawing machine or a football-playing robot. This kit empowers you to explore a range of possibilities. Wheel bit can operate autonomously or be controlled remotely by another micro:bit, granting you control over its actions.

The kit provides the freedom to craft and customize your vehicle. Transform it into a roaring dinosaur or a uniquely designed car. The MakeKit Wheel bit Robot kit is equipped with omni-directional wheels, offering fluid movement. Inside the package, you'll find essential components like rubber bands, nuts, and bolts, along with wheel bit veneer frames and support parts. It's your canvas for innovation, waiting for your imaginative touch.

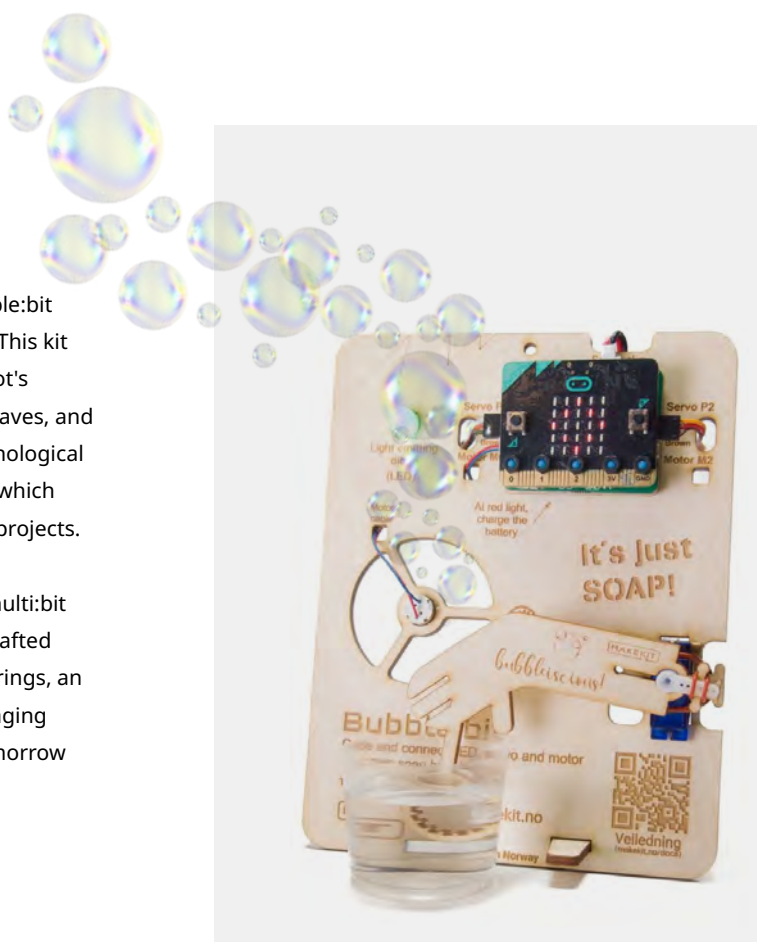
MakeKit - Bubble:bit Robot Kit

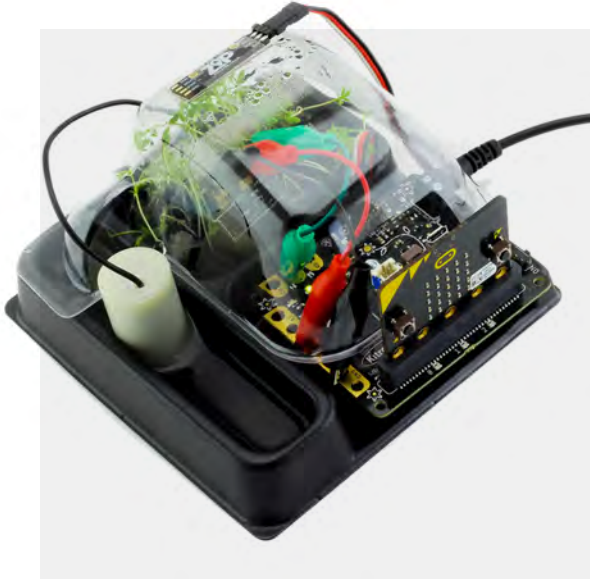
SKU: 2727630

MPN: Bubble:bit Single

Embrace the future of technology with the Wonderkit Bubble:bit robot kit, a captivating blend of education and enjoyment. This kit empowers you to construct, program, and witness the robot's remarkable capabilities, such as illuminating, generating waves, and producing bubbles of pure delight. To embark on this technological journey, you only need a single micro:bit (sold separately), which can also be used in various other construction and coding projects.

The kit encompasses essential elements like the MakeKit multi:bit control board, a lithium (lipo) battery, a Bubble:bit frame crafted from plywood, propellers, a servo with servo horn, rubber rings, an LED, and all the necessary fasteners. This kit offers an engaging gateway to explore and comprehend the technology of tomorrow through practical assembly and coding.





Kitronik Smart Greenhouse - micro:bit

SKU: 2108773

MPN: 5699

The Kitronik Smart Greenhouse Kit for the BBC micro:bit offers an engaging platform for understanding the intricate connection between plants and their surroundings. This educational tool empowers users to monitor environmental conditions and build automated systems for responsive plant care.

By coding the micro:bit, individuals can cultivate crops with precision, using real-time data to automate watering and ensure optimal growth. This kit is designed for compatibility with both micro:bit V1 and the new micro:bit V2, which are available separately.

Kitronik ARCADE for MakeCode Arcade

SKU: 2048229

MPN: 5311

The MakeCode Arcade is a versatile tool designed for creating retro arcade games accessible to all, from beginners to experienced gamers. Using drag-and-drop blocks that snap together, users can build games to run in web browsers and on handheld consoles. For those with coding experience, there's the option to write Javascript code for ARCADE, with a Python editor on the horizon. MakeCode Arcade places a strong focus on education, offering a wealth of resources, including guided tutorials, community-contributed games, concept tutorials, curriculum materials, video guides, and more.



Kitronik :MOVE Motor for the BBC micro:bit

SKU: 2048249

MPN: 5683

The Kitronik :MOVE Motor is an exciting entry into the world of robotics for the BBC micro:bit. It's not just a programmable buggy; it's a comprehensive robotics learning platform. With this kit, budding robot enthusiasts can delve into various aspects of robotics, including motion, light and sound manipulation, obstacle detection and avoidance, and line-following coding for the :MOVE Motor. When combined with the micro:bit's radio capabilities, the potential applications are limitless. Please note that the micro:bit and batteries are not included.





Kitronik Simple Robotics Kit for the BBC micro:bit

SKU: 2048226

MPN: 5665

Introduce yourself to the world of robotics with our Kitronik Simple Robotics Kit for the BBC micro:bit – Single Pack. Build your micro:bit-controlled robot with ease, designed for easy assembly, suitable for young learners.

Designed and tested with direct teacher assistance, both in and out of the classroom, we know that this kit is ideal for young aspiring roboteers. Please note that the BBC micro:bit is not included.

Kitronik Prototyping System for the BBC micro:bit

SKU: 2048217

MPN: 5609

Dive into the world of electronics and experimentation with the Kitronik Prototyping System for the BBC micro:bit. This solderless system simplifies circuit creation with an Edge Connector Breakout Board that provides full access to the micro:bit's pins. It incorporates a convenient prototyping area equipped with 3V, 0V, and unconnected rows for easy connection of switches, sensors, resistors, and more. By pairing it with a Small Prototype Breadboard, you can effortlessly integrate additional components using the included jumper wires. Please note that the BBC micro:bit, 2 x AAA Battery Cage, and 2 x AAA Batteries are not included.



Kitronik Inventors Kit for the BBC micro:bit

SKU: 2048214

MPN: 5603

The Kitronik Inventor's Kit for the BBC micro:bit serves as an excellent resource for educators. It offers teachers an effective tool for introducing students to programming and hardware interaction through hands-on experiments with the BBC micro:bit. The comprehensive tutorial book ensures that even those with limited programming experience can confidently guide students. This kit facilitates an engaging learning experience, making it an ideal choice for teachers seeking to enrich STEM education in the classroom. Please note that the BBC micro:bit is not included.





Kitronik :MOVE mini MK2 buggy kit

SKU: 2048230

MPN: 5652

The Kitronik :MOVE mini MK 2 buggy kit for the BBC micro:bit is a valuable resource for educators. It offers teachers an engaging tool for introducing students to robotics and programming. The kit can be used for autonomous projects, Bluetooth remote control applications, or as a controller with a second BBC micro:bit. The MK2 version enhances performance with its new injection-molded wheels, providing better traction and versatility. Teachers can benefit from this kit by incorporating it into their STEM lessons to inspire creativity and hands-on learning. Note that the BBC micro:bit is not included.

Kitronik E-Textiles Kit for the BBC micro:bit

SKU: 2048250

MPN: 5607

The Kitronik E-Textiles Kit for the BBC micro:bit is a valuable resource for educators, making it easy to introduce students to E-Textiles and micro:bit-controlled projects. The kit includes a variety of components like LEDs, conductive thread, and crocodile clips, providing all the essentials to start creating projects like the Emoji Bag and Rocket Pencil Case. Teachers can utilize this kit to inspire creativity in their students and encourage hands-on learning in the field of E-Textiles and technology. It offers a great way to engage students in fun and educational activities.



Kitronik Discovery Kit

SKU: 2048225 (micro:bit) / 2247773 (PICO)

MPN: 5666 (micro:bit) / 5333 (PICO)

The Kitronik Discovery Kit for Raspberry Pi Pico/microbit provides an accessible way to delve into microcontrollers, Python coding, and physical computing. It includes all necessary components for seven comprehensive experiments, facilitated by a large-format breadboard. The robust and reusable packaging enhances convenience and organization. These experiments span from fundamental board usage to more advanced topics, covering key microcontroller concepts like basic setup, coding, interrupts, threads, digital inputs, and analog/digital outputs. A detailed guide booklet accompanies the kit, assisting beginners and educators of all skill levels.



Kitronik Inventor's Kit for Arduino

SKU: 2048227

MPN: 5313

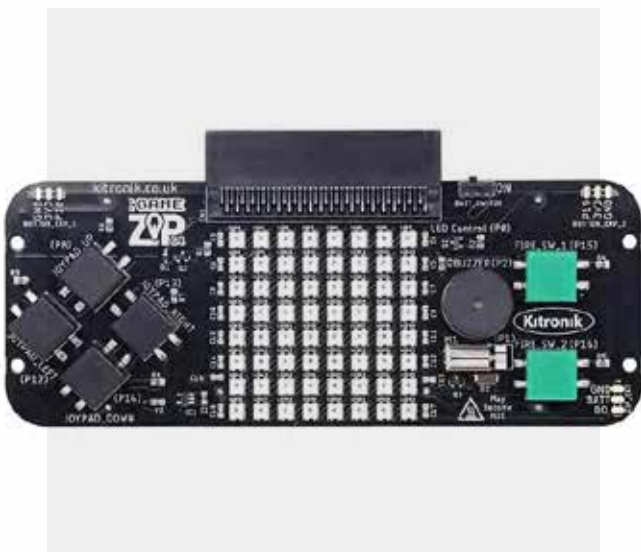
The Kitronik Inventor's Kit for Arduino offers an ideal introduction to Arduino programming and hardware interaction, making it perfect for classroom use. This comprehensive kit equips you with all the essentials to embark on ten enlightening experiments, involving LEDs, motors, light sensors, and capacitors. It can process data from various sensors and control outputs like LEDs and motors. Arduino programming is accomplished using the Arduino programming language within the Arduino development environment, and the code is easily transferred to the Arduino board via a USB connection. Please note that an Arduino UNO is not included in the kit.

Lesson in a Box - The Environment kit for micro:bit

SKU: 2380411

MPN: 56106

The Lesson in a Box: The Environment pack for micro:bit is a comprehensive educational kit suitable for KS3/4. It offers a complete set of teaching resources and materials for cross-curricular lessons. These lessons span across Computing, Design & Technology, and Biology/Combined Science. The resources are teacher-friendly and include lesson plans, presentations, workbooks, software guides, assessment questions, example code, and more. These activities utilize the BBC micro:bit, the Kitronik Smart Greenhouse kit for micro:bit, and servos, making it an easy-to-use yet feature-packed educational tool. Please note that BBC Micro:Bits are not included in the kit.



Kitronik :GAME ZIP 64 for the BBC micro:bit

SKU: 2048245

MPN: 5626

The Kitronik :GAME ZIP 64 is the ultimate retro gaming accessory for the BBC micro:bit, featuring a built-in, 64 individually addressable full-color ZIP LED screen, sound, directional buttons, fire buttons, haptic feedback, and breakout points for customization. It's fully programmable and offers an ergonomic design with hand grips powered by 3 AA batteries. All micro:bit features remain accessible when plugged in, allowing for creative game design. (Batteries and micro:bit not included) Ideal for hands-on coding and gaming education in the classroom.



Kitronik Environmental Control Board for BBC micro:bit

SKU: 2176978

MPN: 5697

The Kitronik Environmental Control Board is a versatile add-on for the BBC micro:bit (compatible with V1 & V2) with multiple sensor inputs and output controls. It enables the management of devices like water pumps, fans, servos, or heater pads, making it perfect for feedback control systems.

This board, included in the Kitronik Smart Greenhouse Kit, offers a comprehensive solution for environmental monitoring and control, suitable for educational projects and practical learning applications.

Kitronik ZIP Halo HD for BBC micro:bit

SKU: 2048224

MPN: 5672

The Kitronik ZIP Halo HD for the BBC micro:bit is a powerful expansion board featuring 60 individually addressable full-color ZIP LEDs for creating stunning visual displays. Additionally, it includes P1 and P2 breakout pins, a MEMS microphone for sound detection, a piezo buzzer for audio output, and an onboard real-time clock (RTC) controlled through the micro:bit's I2C lines.

With two M3 mounting holes, it's a versatile and feature-rich accessory for your micro:bit projects. (Note: BBC micro:bit is not included.)



Kitronik Compact Robotics Board for BBC micro:bit

SKU: 2048215

MPN: 5693

The Kitronik Compact Robotics Board empowers the BBC micro:bit to control 4 motors (or 2 stepper motors) and 8 servos. Alongside 17 additional I/O expansion points, the micro:bit becomes the heart of various robotics projects. This board delivers significant features and connectivity, including 2 Dual H Bridge Motor Driver ICs for motor control and 8 servo outputs for servo operation. All of this is easily managed using the I2C protocol via a 16-channel driver IC, with user-friendly MakeCode blocks, making it accessible to all.





Kitronik :GAME Controller for BBC micro:bit
SKU: 2048236
MPN: 5644



Kitronik Robotics Board for Raspberry Pi Pico
SKU: 2247771
MPN: 5329



Kitronik LED Starter Kit
SKU: 2153174
MPN: 2327



Kitronik Klip Motor Driver for BBC micro:bit
SKU: 2048232
MPN: 5655



Kitronik ZIP Halo for the BBC micro:bit
SKU: 2048220
MPN: 5625



Compact Motor Driver Board for BBC micro:bit
SKU: 2048223
MPN: 5698



Compact 16 Servo Driver Board for BBC micro:bit
SKU: 2048219
MPN: 5694



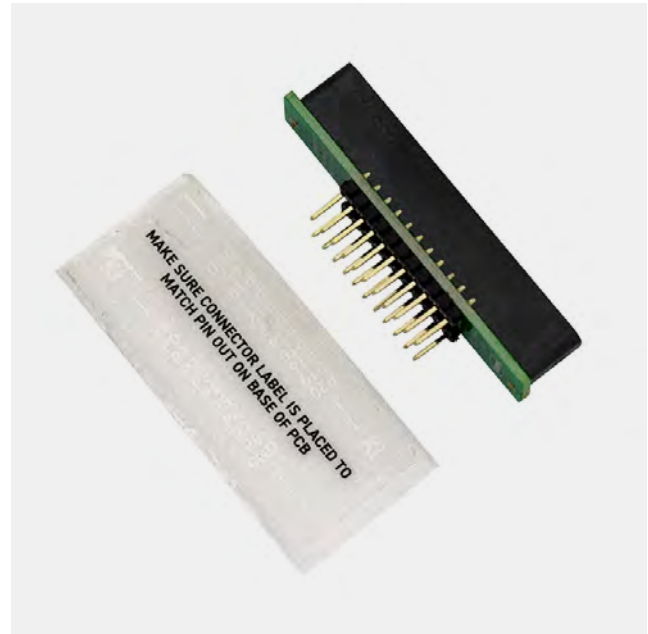
Solar Cell kit for the Kitronik Environmental Control Board
SKU: 2247776
MPN: 56113



Kitronik :MOVE Motor Klaw Kit

SKU: 2176977

MPN: 5696



Kitronik Breadboard breakout for BBC micro:bit

SKU: 2048248

MPN: 5664



Kitronik LAMP:bit - Street Light for BBC micro:bit

SKU: 2048222

MPN: 5643



Kitronik MI:power board for the BBC Microbit V2

SKU: 2247775

MPN: 5610-V2



Kitronik Motor Driver Board for Pico
 SKU: 2247772
 MPN: 5331



Digital Logic Pack for Kitronik Inventor's Kit
 SKU: 2048231
 MPN: 5653



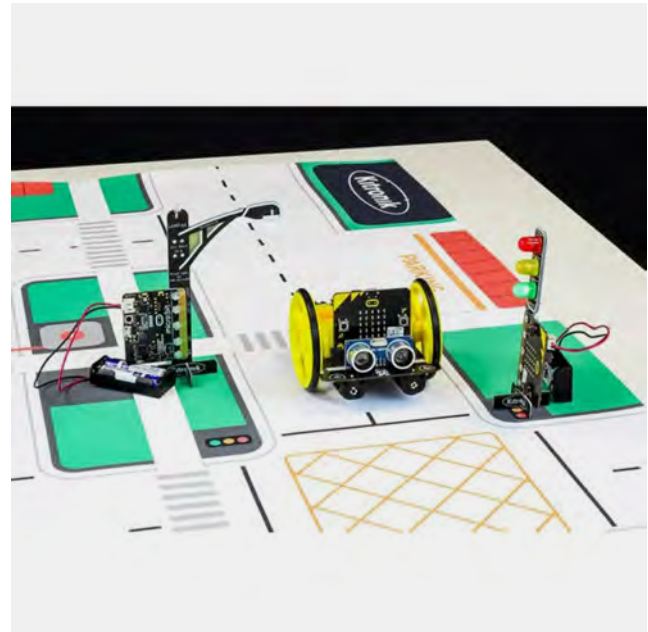
Kitronik MI:sound speaker board for microbit
 SKU: 2176976
 MPN: 5649-V2



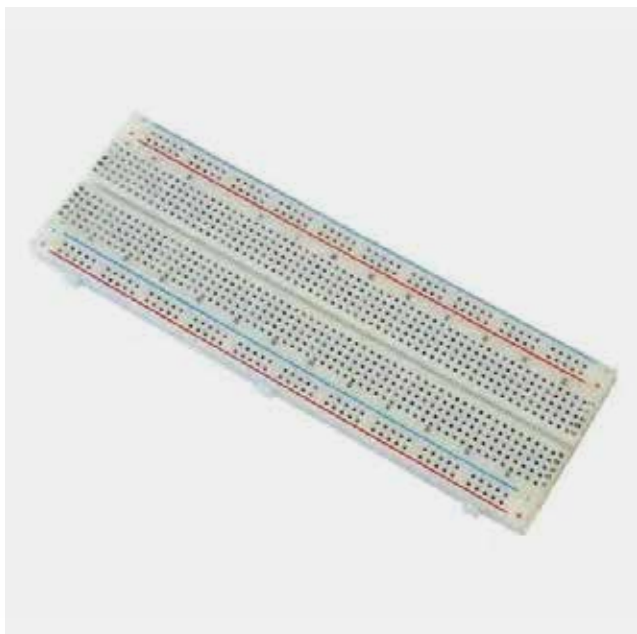
Kitronik Clippable Servo
 SKU: 2175589
 MPN: 25105



Edge Connector Breakout Board for microbit
 SKU: 2048218
 MPN: 5601B



:MOVE mat line following and activity maps
 SKU: 2153183
 MPN: 46165



Large Prototype Breadboard - PBU202
 SKU: 2153175
 MPN: 2444



Kitronik STOP:bit - Traffic Light for BBC micro:bit
 SKU: 2048221
 MPN: 5642



Mini 180 Degree Resin Gear Servo SG90

SKU: 2153180

MPN: 2565



MI:pro Protector Case for micro:bit V1 & V2

SKU: 2247774

MPN: 56102



Prong Soil Moisture Sensor micro:bit

SKU: 2048246

MPN: 5647



Right Angle Geared TT Hobby Motor

SKU: 2153179

MPN: 2547



Jumper Wires 20cm M/M, pack of 40

SKU: 2048241

MPN: 4110-40



Jumper Wires 20cm M/M, pack of 10

SKU: 2048239

MPN: 4110



Jumper Wires 20cm M/F, pack of 40

SKU: 2048243

MPN: 4128-40



Jumper Wires 20cm M/F, pack of 10

SKU: 2048242

MPN: 4128



Ultrasonic Distance Sensor HC-SR04 5V Version
SKU: 2153181
MPN: 46130



Two Channel Motor Driver Board L9110S
SKU: 2153182
MPN: 46134



Miniature Low Torque Flat DC Motor
SKU: 2153176
MPN: 2543



51mm White Four Blade Miniature Impeller
SKU: 2153177
MPN: 2544



Kitronik Pair of Wheels for TT motor

SKU: 2176975

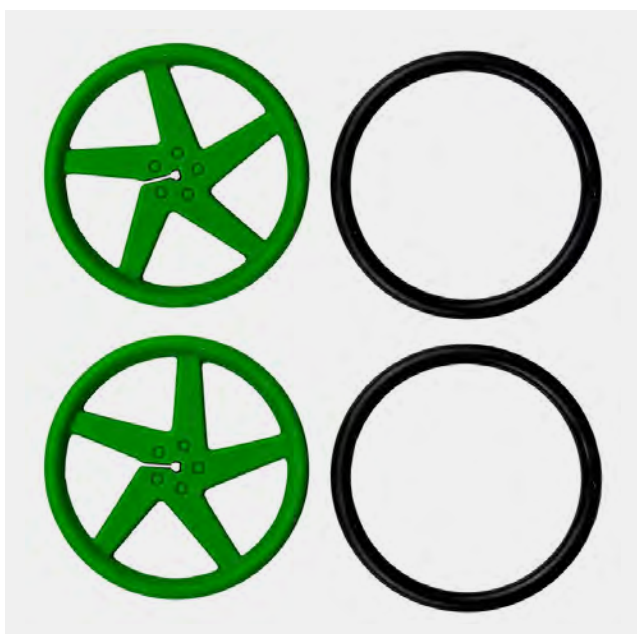
MPN: 2593-TT



Kitronik Pair of Wheels for Servo Motor

SKU: 2176974

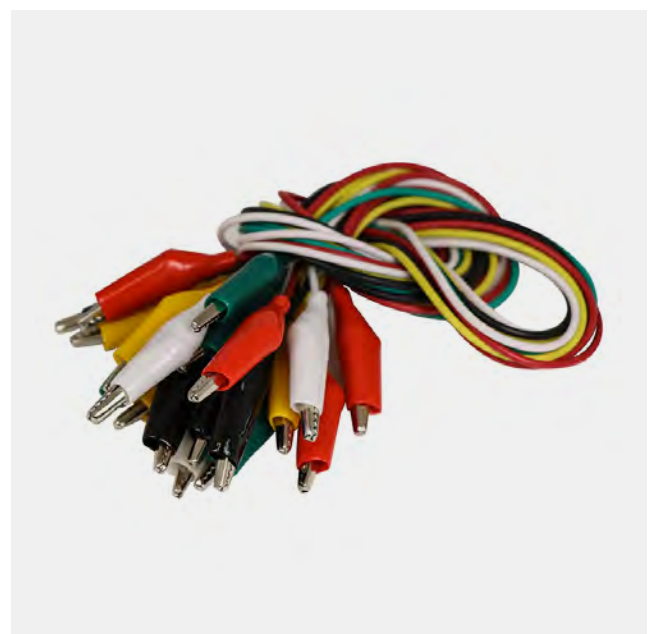
MPN: 2593-SV



Kitronik Pair of Wheels for D-Shaft Motor

SKU: 2176973

MPN: 2593-DF



Crocodile Leads, pack of 10

SKU: 2048233

MPN: 2407



Alligator Clip with Pigtail (4 Pack)

SKU: 2048238

MPN: 2480



Alligator Clip with Female Header (4 pack)

SKU: 2048237

MPN: 2447



2x AAA Battery Box with Switch & JST Connector

SKU: 2048235

MPN: 2225



1m USB Type-A to Micro-B USB Noodle Cable

SKU: 2048244

MPN: 4154



Makey Makey Classic Kit

SKU: 2101380

MPN: MMCE

The Classic Makey Makey is a compelling addition to any classroom. Tailored for students aged 8 and older, this STEM educational kit adds an element of wonder to programming and electronics instruction.

With the ability to transform everyday objects into interactive touchpads, it captivates young minds, igniting their interest in technology. Its rapid setup and lack of programming prerequisites ensure that even students with no prior experience can dive right in.

Students can design game controllers, musical instruments, and an array of innovative gadgets, boosting creativity, problem-solving skills, and a deep understanding of electronics and programming principles.

The Classic Makey Makey simplifies STEM education, making it engaging and captivating for students at all skill levels, fostering a passion for technology and innovation and nurturing essential problem-solving skills.

Makey Makey Classroom STEM Invention Literacy Pack

SKU: 2097890

MPN: MMCK

The Makey Makey Classroom STEM Pack is a comprehensive teaching solution for educators, containing 12 Makey Makey Classic kits, each offering an engaging hands-on introduction to programming. This pack is perfect for students aged 8 and above. Each kit comprises a Makey Makey circuit board, alligator clips, and connector wires, enabling creative projects using everyday objects like fruits and playdough. It's an invaluable resource for classrooms, equipped with support materials, including instruction cards, a visual project guide, and an educator's guide.

The Classroom STEM Pack's key features highlight its classroom suitability, versatile project possibilities, and convenience. With 12 kits, students can unleash their creativity, turning ordinary objects into game controllers or musical instruments. The organised storage boxes for each kit streamline setup and cleanup, allowing more time for invention. Educators receive extensive support with instructional resources.





CircuitMess Wheelson

SKU: 2406199

MPN: CIRCUITMESS-WHEELSON-DIY

The Circuitmess Wheelson is an ideal STEM education tool for students aged 11 and up, offering an exciting hands-on experience in building and coding an AI self-driving robot. This DIY kit requires no prior knowledge, making it an excellent choice to empower students through a fun STEM learning adventure. It covers a wide range of skills, including coding for autonomous navigation, QR code scanning, object recognition, and image processing.

Furthermore, students can learn about hardware skills like electromotors and sensor calibration. Wheelson ensures smooth rides with its sensors and cameras, and the kit's step-by-step instructions make assembly straightforward. It includes a dual-core processor, camera, headlights board, electromotors, wheels, chassis, battery, various components, and a user-friendly code editor for skill development. The Wheelson is a comprehensive and engaging tool for young learners to explore the world of robotics and coding.

CircuitMess Spencer

SKU: 2206477

MPN: SRI-MB10-EN-V1

Circuitmess Spencer is an educational kit for students aged 11 and up. With this DIY voice assistant kit, students can build their own talkative companion, Spencer, who can tell jokes, answer questions, and even sing. Assembling Spencer provides an engaging introduction to coding, the Internet of Things, artificial intelligence, voice recognition, and speech synthesis.

No prior knowledge is required, making it an excellent hands-on STEM learning experience that's also fun. Students can acquire coding skills in AI, voice recognition, speech synthesis, and C++, along with hardware skills in soldering, hardware assembly, sound processing, microcomputers, LED displays.

Spencer's capabilities include playing games, answering questions, telling stories, providing weather forecasts, and even speaking like a pirate. The kit includes a display circuit board, main circuit board, acrylic casing, micro USB cable, speaker, electronic components, electrolytic capacitors, and Spencer's arms and legs.



NIBBLE



CircuitMess Nibble

SKU: 2406195

MPN: CIRCUITMESS-NIBBLE-DIY

CircuitMess Nibble is a DIY handheld retro games console designed for students aged 9 and up. This educational kit is an excellent entry point into STEM education, introducing students to electronics, programming, and fun learning experiences. Nibble requires no prior programming knowledge and provides hands-on learning about basic electronic components, their connections, microcontrollers, and soldering skills.

It comes preloaded with four retro games, and step-by-step instructions make assembly easy, taking just around 2 hours. Nibble's open-source software allows for further coding and game development. The kit includes all necessary tools and batteries, making it an engaging way for young learners to explore STEM concepts.

CircuitMess Ringo

SKU: 2406196

MPN: CIRCUITMESS-RINGO-GSM

CircuitMess Ringo is an educational DIY mobile phone kit for students aged 11 and up. It serves as an engaging gateway into STEM education, teaching students about basic electronic components, their functions, and the connections between them. Additionally, it covers microcontrollers and programming in languages like C++ and Python. Soldering skills are emphasised.

After assembly, students can further develop their coding abilities using CircuitBlocks, a graphical code editor, and explore hardware expansion modules. The kit includes essential components such as the main board, display board, brain board with an SD card, network board, analog joystick, micro USB cable, micro SD reader, Li-Po battery, and small components. The estimated build time is around 5 hours, offering a comprehensive STEM learning experience.

RINGO





CircuitMess Jay-D

SKU: 2406194

MPN: CIRCUITMESS-JAYD-DIY

CircuitMess Jay-D is an educational DIY DJ mixtable kit ideal for students aged 11 and above. This engaging STEM project introduces students to DJ mixtables and the art of coding custom light shows and sound effects. With no prior knowledge required, it offers hands-on learning in hardware, soldering, and digital production.

The kit includes a Micro SD card preloaded with beats and onboard LED lights for a clubbing experience. Step-by-step instructions simplify assembly, taking around 4 hours. After building, students can further develop coding skills with CircuitBlocks. The kit includes a main circuit board, display board, acrylic casing, components, speakers, a USB-C cable, and a Micro SD card. Jay-D combines music and technology education in a fun and interactive way.

CircuitMess Tools Pack

SKU: 2406198

MPN: CIRCUITMESS-TOOLS-PACK-TYPE-F

The CircuitMess Tools Pack is an all-in-one solution for anyone diving into electronics projects.

This comprehensive kit includes essential tools, making it ideal for beginners and experienced enthusiasts. It features a 60W soldering iron with replaceable tips for quick and precise soldering work. A solder sucker helps rectify mistakes without damaging components. Needle-nose pliers assist in connector insertion and bolt tightening. Diagonal cutter pliers facilitate cutting header pins, wires, and small plastic parts.

The kit also includes a Phillips screwdriver for simple screw tightening, eliminating the need to hunt for separate tools. With this Tools Pack, you're equipped for any electronics project without the hassle of searching for tools elsewhere.





Finch Robot 2.0

SKU: 2182777

MPN: FR-2

Introducing the Finch Robot 2.0, a versatile robotic companion built to accompany students on their learning journey. From introductory icon- and block-based coding to advanced text-based programming, the Finch suits elementary school to AP computer science classes. This educational tool offers a low entry point while providing substantial learning opportunities for students at every level.

The Finch Robot 2.0 is designed with both educators and students in mind. It boasts 7+ hours of battery life, robust durability, and smart additions like a pen mount and plastic brick adapter, enhancing the learning experience. With cross-device compatibility, the Finch supports various platforms, including iOS, Android, Fire OS, Chromebook, Windows, Mac, and Linux. This inclusive design ensures that creativity and learning can thrive in any classroom.

Hummingbird Base Kit

SKU: 2182774

MPN: BITBASEKIT

The Hummingbird Bit Robotics Kit, powered by micro:bit, fosters diverse and adaptable learning. It comprises lights, sensors, and motors for crafting robots from everyday materials. With a 'low-floor, high-ceiling' approach, it suits beginners and advanced learners. Each kit offers classroom-tested materials, cross-device compatibility, safe connectors, and supports various programming languages.

The Base Kit includes parts for building one robot, such as the Bit Controller, LEDs, and servos. This product is the result of research at Carnegie Mellon University, ensuring its educational value. Hummingbird Bit Robotics Kits can be used with BirdBlox, MakeCode, Snap!, Python, Java, Swift, and Kotlin, offering students versatile opportunities in robotics and programming.



With a 'low-floor, high-ceiling' philosophy, it accommodates both beginners and advanced learners in robotics and programming. The Premium Kit comprises essential components like the Bit Controller, servos, sensors, LEDs, and more. The kit comes with classroom-proven learning materials, plug-and-play compatibility with various devices, safety features, and support for multiple programming languages, ensuring a comprehensive learning experience.



BitWearable

SKU: 2050232

MPN: 114991969

Introducing the BitWearable Kit, an ideal choice for micro:bit beginners. This kit features a BitWear expansion board, designed for creating wearable gadgets with ease. Powered by two CR2032 batteries, BitWear comes equipped with a vibration motor, buzzer, and addressable RGB LED. It allows you to craft wearable projects, like the 'BitWatch,' which can be worn on your wrist like a regular watch.

The kit includes tutorials for projects such as a wake-up alarm and step counter. Program your micro:bit using Microsoft Makecode for personalized displays. For easy program testing, power your BitWear via USB, and install batteries only for offline use. Explore course materials online and unlock the world of BitWearable Kit possibilities.

BitCar

SKU: 2050231

MPN: 114991884

BitCar is an engaging micro:bit project aimed at fostering STEAM learning in children.

his smart, programmable robot car combines Microsoft MakeCode programs to achieve diverse functions, from line following to obstacle avoidance and even performing wheelies.

The car features a built-in speaker for playing melodies and sound effects, while four vibrant RGB LEDs on its underside add a splash of color. It also includes a detachable ultrasonic sensor at the front to facilitate obstacle avoidance during its missions, offering an exciting platform for young learners to explore robotics and programming.





BitPlayer

SKU: 2050230

MPN: 114991857

BitPlayer is an inspiring tool for creative minds, enabling you to craft portable instruments like a piano or smart calculator. Departing from the conventional all-button design, it embraces a user-friendly 2-axes joystick along with six programmable buttons (L, R, A, B, C, and D).

Additionally, BitPlayer boasts a buzzer, vibration motor, and a Grove I2C port, promising lively and interactive gaming experiences. It's conveniently powered by two AAA batteries, making DIY projects accessible anywhere. Tested for Bluetooth compatibility within a 10-meter range, BitPlayer offers the possibility of interaction with other devices, sparking imagination and exploration.

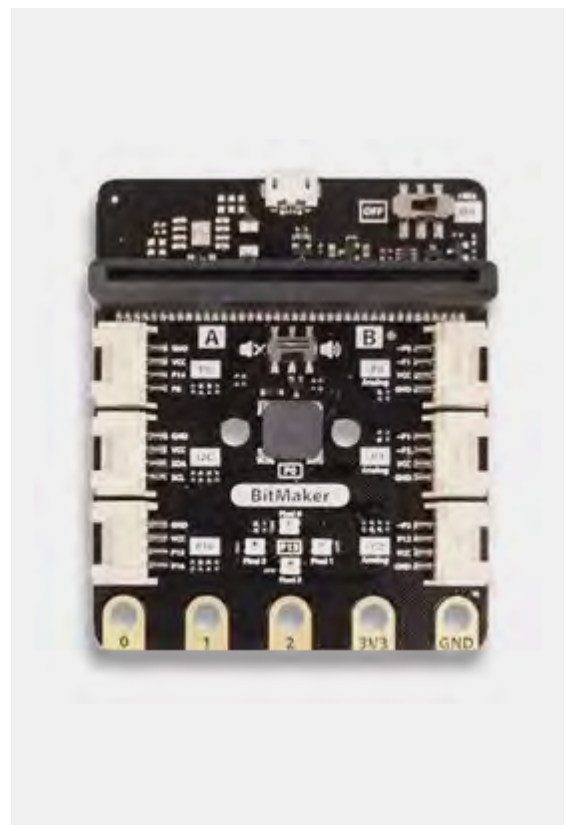
BitMaker – Grove expansion board (6 Grove ports)

SKU: 2050228

MPN: 114991848

Introducing BitMaker, a credit card-sized expansion board connecting Grove modules to micro:bit, simplifying your projects. It features 4 RGB LEDs, an inbuilt buzzer for melodies, and 6 Grove ports, including an I2C port, enabling micro:bit to interface with various modules, such as sensors, actuators, and displays.

When using it, ensure BitMaker is powered via micro USB cable. Explore related tutorials, like the Mini Music Player project, offering a step-by-step guide for added functionalities. Find course materials online and take your micro:bit projects to the next level with BitMaker.





BitGadget Kit - Grove creator kit

SKU: 2050234

MPN: 114991970

The BitGadget Kit is a comprehensive project kit designed to cater to the needs of intermediate users of the micro:bit platform. At its core is the innovative BitMaker expansion board, featuring a programmable RGB LED, a buzzer, and a versatile array of 6 Grove ports. With the inclusion of 9 Grove modules, this kit empowers users to unleash their creativity and explore a wide range of possibilities. These modules encompass a rotary angle sensor, a light sensor, a sound sensor, a button, an ultrasonic sensor, a mini fan, a vibration motor, a servo, and an RGB LED strip. The BitGadget Kit is the perfect tool to inspire innovation and learning.

BitMaker Lite - Grove expansion board (3 Grove ports)

SKU: 2050229

MPN: 114991850

BitMaker Lite is a micro:bit shield simplifying device interfacing. It features Grove ports for sensors and a built-in buzzer, ideal for newcomers to micro:bit exploration. Advanced users can access micro:bit pins for custom electronic module connections. Consider the BitStarter Kit for a more comprehensive experience, with a slide potentiometer, ultrasonic sensor, and servo for creative endeavors. The Seeed micro:bit series has updated packaging. It supports Microsoft MakeCode for easy programming and emphasizes open-source electronics and creative hands-on learning.



BitStarter Kit - Grove extension kit

SKU: 2050233

MPN: 114991972

The BitStarter Kit is tailored for micro:bit newcomers. With three Grove module ports, it simplifies the exploration of micro:bit projects with various functions. Inserting the micro:bit into the BitMaker Lite is effortless. The integrated buzzer opens the door to exciting audio projects like a fruit piano. This kit further includes a slide potentiometer, an ultrasonic sensor, and a servo for creative ventures. These components are plug-and-play, making project initiation a breeze. Microsoft MakeCode allows for easy custom code programming with the micro:bit, BitMaker Lite, and Grove modules.



OKdo micro:bit Build a Paper Robot Kit

SKU: 2363409

MPN: OKDOBPRK

The OKdo micro:bit Build a Paper Robot Kit offers an exciting way to introduce children to electronics while nurturing their creativity. This hands-on STEM learning kit is centered around the beloved BBC micro:bit board and features various templates for crafting paper robots.

Perfect for both beginners and those seeking to showcase their electronics skills, this kit prioritizes enjoyment alongside learning. It contains everything you need to start crafting paper robots using the BBC micro:bit.

Choose from templates like the Paper Pet, which allows you to transform your creation into any animal, the Cheerbot that waves its arms and can play along to music, the Spinny Box with endless possibilities for paper circuitry, and the Lifty Crane, capable of lifting various paper objects including a flying pig and an anchor. The OKdo micro:bit Build a Paper Robot Kit combines learning and fun seamlessly, making it an ideal choice for young electronics enthusiasts.

OKdo micro:bit Getting Started Kit

SKU: 2317093

MPN: Okdo micro:bit Getting Started Kit (EN)

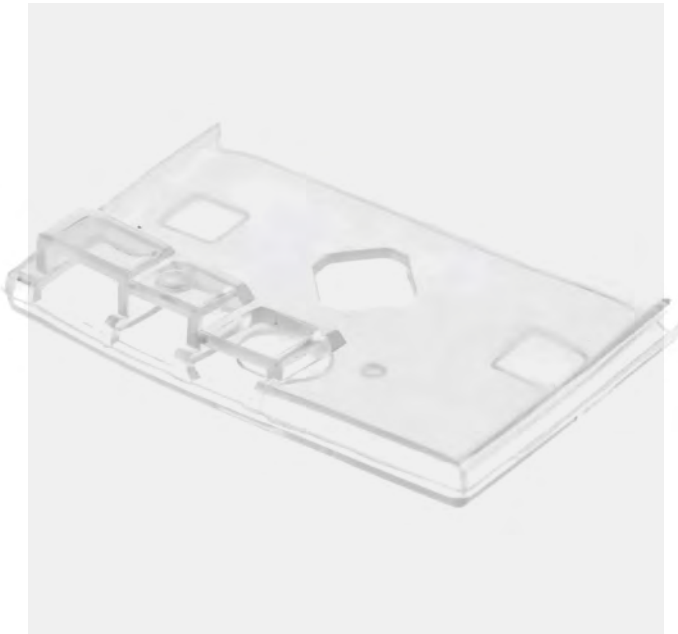
The OKdo micro:bit Getting Started Kit offers an effortless entry into the world of coding with the BBC micro:bit board and essential accessories, ensuring an enjoyable and accessible coding experience. This kit is your perfect starting point for learning programming and bringing your creative ideas to life, as it includes everything you need to get started.

Whether you're a beginner or an experienced coder, the OKdo micro:bit Getting Started Kit simplifies the path to coding and project development.

Included in the OKdo micro:bit Getting Started Kit:

- 1 x BBC micro:bit single-board computer
- 1 x OKdo clear PVC case for the micro:bit
- 1 x micro:bit dual AAA battery holder with switch
- 1 x OKdo Male USB A Micro USB B, 1m Cable
- 1 x Getting Started Guide





Okdo BBC micro:bit Case

SKU: 2222488

MPN: MBCase01



Okdo BBC micro:bit OS-MB Case

SKU: 2207292 (2207291 box - x 100)

MPN: OS-MB-2104



Male USB A to Male Micro USB B - 1m

SKU: 2163185

MPN: MBUSB1














Micro USB Noodle Cable - 1m



SKU: 226-0165 (Blue) / 226-0166 (White)

MPN: BNC1M

OKdo™ SENSORS & MODULES

	OKdo Breakout Shield - Micro:bit, Arduino, Raspberry Pi	SKU: 2576753	MPN: TS2128-A
	OKdo White LED Module for Micro:bit and Arduino	SKU: 2576754	MPN: TS2129-A
	OKdo Active Buzzer Module for Micro:bit and Arduino	SKU: 2576755	MPN: TS2130-A
	OKdo Passive Buzzer Module for Micro:bit and Arduino	SKU: 2576756	MPN: TS2131-A
	OKdo Thermistor Sensor Module for Micro:bit and Arduino	SKU: 2576757	MPN: TS2132-A
	OKdo Analog Sound Sensor for Micro:bit and Arduino	SKU: 2576758	MPN: TS2133-A
	OKdo Photoresistor Sensor Module for Micro:bit and Arduino	SKU: 2576759	MPN: TS2134-A
	OKdo Water Level Sensor Module for Micro:bit and Arduino	SKU: 2576760	MPN: TS2135-A
	OKdo Soil Moisture Sensor Module for Micro:bit and Arduino	SKU: 2576761	MPN: TS2136-A
	OKdo Potentiometer Sensor Module for Micro:bit and Arduino	SKU: 2576762	MPN: TS2137-A
	OKdo Hall Magnetic Sensor Module for Micro:bit and Arduino	SKU: 2576763	MPN: TS2138-A
	OKdo Collision Crash Sensor Module for Micro:bit and Arduino	SKU: 2576764	MPN: TS2139-A
	OKdo Digital Push Button Sensor for Micro:bit and Arduino	SKU: 2576765	MPN: TS2140-A
	OKdo Capacitive Touch Sensor for Micro:bit and Arduino	SKU: 2576766	MPN: TS2141-A
	OKdo Knock Sensor Module for Micro:bit and Arduino	SKU: 2576767	MPN: TS2142-A

OKdo™ SENSORS & MODULES

	OKdo Tilt Sensor Module for Micro:bit and Arduino	SKU: 2576768	MPN: TS2143-A
	OKdo Flame Sensor Module for Micro:bit and Arduino	SKU: 2576769	MPN: TS2144-A
	OKdo Vibration Sensor Module for Micro:bit and Arduino	SKU: 2576770	MPN: TS2145-A
	OKdo Reed Switch Module for Micro:bit and Arduino	SKU: 2576771	MPN: TS2146-A
	OKdo Line Tracking Sensor for Micro:bit and Arduino	SKU: 2576772	MPN: TS2147-A
	OKdo Infrared obstacle avoidance for Micro:bit and Arduino	SKU: 2576773	MPN: TS2148-A
	OKdo Photo Interrupter Module for Micro:bit and Arduino	SKU: 2576774	MPN: TS2149-A
	OKdo PIR Motion Sensor Module for Micro:bit and Arduino	SKU: 2576775	MPN: TS2150-A
	OKdo LM35 Temperature Sensor Module for Micro:bit and Arduino	SKU: 2576776	MPN: TS2151-A
	OKdo DS18B20 Temperature Sensor for Micro:bit and Arduino	SKU: 2576812	MPN: TS2224-A
	OKdo IR Receiver Module for Micro:bit and Arduino	SKU: 2576777	MPN: TS2152-A
	OKdo Single Relay Module for Micro:bit and Arduino	SKU: 2576807	MPN: TS2182-A
	OKdo DS3231 Real Time Clock Module for Micro:bit and Arduino	SKU: 2576779	MPN: TS2154-A
	OKdo Analog Gas Sensor MQ-2 for Micro:bit and Arduino	SKU: 2576780	MPN: TS2155-A
	OKdo Analog Alcohol Sensor MQ3 for Micro:bit and Arduino	SKU: 2576781	MPN: TS2156-A

OKdo™ SENSORS & MODULES



OKdo MQ135 Air Quality Sensor for Micro:bit and Arduino

SKU: 2576782

MPN: TS2157-A



OKdo Bluetooth-compatible 2.0 M for Micro:bit and Arduino

SKU: 2576808

MPN: TS2183-A



OKdo OLED Module for Micro:bit and Arduino

SKU: 2576783

MPN: TS2158-A



OKdo 1602 I2C Module for Micro:bit and Arduino

SKU: 2576784

MPN: TS2159-A



OKdo I2C 2004 LCD Module for Micro:bit and Arduino

SKU: 2576785

MPN: TS2160-A



OKdo Red LED Module for Micro:bit and Arduino

SKU: 2576786

MPN: TS2161-A



OKdo Green LED Module for Micro:bit and Arduino

SKU: 2576787

MPN: TS2162-A



OKdo Yellow LED Module for Micro:bit and Arduino

SKU: 2576788

MPN: TS2163-A



OKdo Blue LED Module for Micro:bit and Arduino

SKU: 2576789

MPN: TS2164-A



OKdo L9110 Fan Module for Micro:bit and Arduino

SKU: 2576790

MPN: TS2165-A



OKdo TEMA6000 Ambient Light Sensor for Micro:bit and Arduino

SKU: 2576791

MPN: TS2166-A



OKdo Joystick Module for Micro:bit and Arduino

SKU: 2576809

MPN: TS2184-A



OKdo Steam Sensor Module for Micro:bit and Arduino

SKU: 2576792

MPN: TS2167-A



OKdo 3-channel Line Tracking Sensor for Micro:bit and Arduino

SKU: 2576793

MPN: TS2168-A



OKdo 4-digit 7-segment Display for Micro:bit and Arduino

SKU: 2576794

MPN: TS2169-A

OKdo™ SENSORS & MODULES



OKdo 2812 2x2 RGB Module for Micro:bit and Arduino

SKU: 2576795

MPN: TS2170-A



OKdo Thin-film Pressure Sensor for Micro:bit and Arduino

SKU: 2576796

MPN: TS2171-A



OKdo Servo Interface Expansion for Micro:bit and Arduino

SKU: 2576797

MPN: TS2172-A



OKdo Slide Potentiometer Module for Micro:bit and Arduino

SKU: 2576798

MPN: TS2173-A



OKdo I2C Interface Conversion E for Micro:bit and Arduino

SKU: 2576799

MPN: TS2174-A



OKdo WIFI and Bluetooth Interface for Micro:bit and Arduino

SKU: 2576810

MPN: TS2185-A



OKdo GP2Y1014AU PM2 Dust Sensor for Micro:bit and Arduino

SKU: 2576800

MPN: TS2175-A



OKdo DHT22 Temperature and Humidity for Micro:bit and Arduino

SKU: 2576801

MPN: TS2176-A



OKdo 3W LED Module for Micro:bit and Arduino

SKU: 2576811

MPN: TS2186-A



OKdo Ultrasonic Module for Micro:bit and Arduino

SKU: 2576806

MPN: TS2181-A



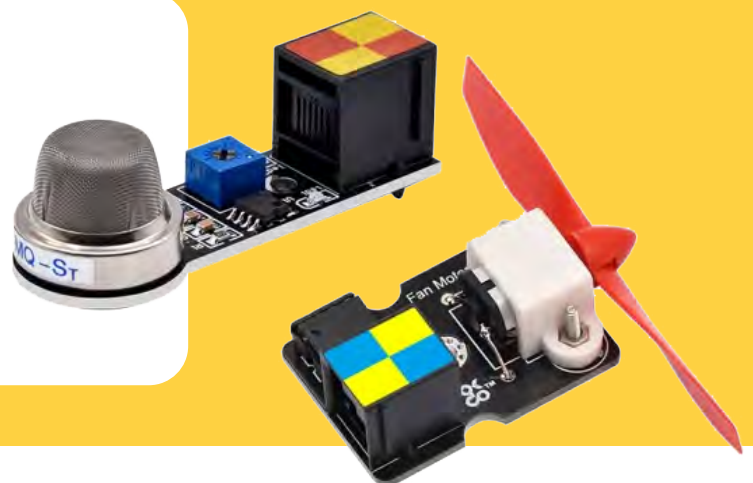
OKdo DHT11 Temperature and Humidity for Micro:bit and Arduino

SKU: 2576778

MPN: TS2153-A

Need To Know More About Add-Ons?

Unlock boundless opportunities with our OKdo sensors for micro:bit and Arduino. To delve deeper into this exciting world, connect with our knowledgeable sales team at sales@okdo.com





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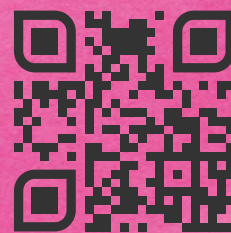
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