



DESIGN. PROTOTYPE. INNOVATE.

Products and solutions to support your design thinking



WXsmart Soldering Platform

- Aimed at electronic design engineers in industries where maximum connectivity, security & traceability are required
- CONNECT – maximum connectivity, supporting IoT standards for full traceability with mobile-enabled, easy remote-control access
- SMART – the all-in-one station acts as the brain of the workbench by consolidating all soldering applications into one station, the platform fully supports smart soldering 4.0 with intelligent tips and tools saving cost, time and space
- CONTROL – Total Process Control (TPC) to manage your complete soldering process from tip to station
- SAFE – the first system with built-in cyber-security to prevent costly downtimes



Weller

252-8215

Portable Fume Extractor

- Absorbs up to 80% of noxious fumes with capacity of 1m³ per minute maximum
- Uses Urethane foam activated carbon filter – sold separately
- 42 to 45dB operating noise levels
- 1.3m power cable



RS PRO

123-4905 Extractor

123-4906 Filter pack of 3

Solder Tips

- Range of copper solder tips for use with RS PRO digital solder station



RS PRO

799-8951 Flat 2.4mm

799-8960 Chisel 1.6mm

799-8963 Chisel 2.4mm

799-8967 Chisel 3.2mm

799-8957 Chisel 1.2mm

799-8954 Round 2.5mm

799-8945 Knife 2mm

Digital Soldering Station

- Smart, compact and easy to use, this soldering station is cost-effective and versatile, making it ideal for electronic design, appliance repair and prototyping applications
- Backlit LCD screen, allowing you to clearly see the temperature information
- Ergonomic soldering iron fits comfortably in the hand, and heats from room temperature to 350°C in just 10 seconds



RS PRO

799-8941

9g Flux Pen

- Handy solder flux pen is ideal for surface mount rework
- Quick-drying, supplied in a handy pen format for precision and control
- Zero halide content so no cleaning is required



Chemtronics

508-6374

Lead-Free Solder

- Resin-based, SAC305 lead free solder wire that utilises a synthetically refined resin and effective activator package
- The alloy used in this solder wire conforms to J-STD 006 and contains 96.5% tin, 3.0% silver and 0.5% copper
- Melting point is 217-219°C



RS PRO

800-7649

756-8875

756-8884

756-8893

800-7655

800-7642

756-8913

756-8897

Flux-Off Rosin Flux Remover

- Fast drying and safe flux remover for spot cleaning of flux and other contaminants found in electronics repair and rework
- No rinsing required after use
- 200ml aerosol with brush



Chemtronics
298-7921

Multicore Lead-Free Solder

- 5 Cores of Ecosol® 105 Rosin (Colophony) free flux
- Fast soldering on brass and copper
- Compatible with 96SC CR32 and 96S RM89 solder pastes



Multicore
436-4926 0.5mm, 250g
625-8132 1mm, 500g

No Clean Desoldering Braid

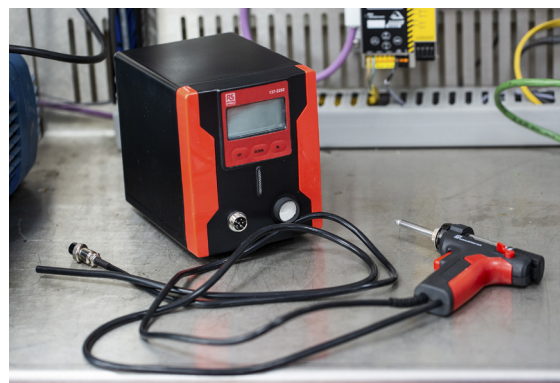
- De-soldering braid packaged in static dissipative bobbins
- Significantly reduces rework/repair time
- Minimises the risk of damage to the board
- Patented non-corrosive, halide free, organic no-clean flux
- Length 1.5m



Chemtronics
314-0987 1.5mm
314-3302 1.5mm
314-0993 2.0mm
314-1003 2.8mm
314-3295 3.7mm

Desoldering Station

- Built-in high-powered air pump
- Adjustable temperature range displaying in both Celsius and Fahrenheit
- Includes: power unit, de-soldering gun, stand, 3 x nozzles, 3 x cleaning tools and 4 x filter sponges



RS PRO
137-2292

Lead-Free Tacky Flux

- Specifically formulated for the higher temperature requirements of lead free applications
- Syringe applicator provides exact delivery of flux to surface
- Long tack time, extended shelf life
- No refrigeration required



Chemtronics
743-4750

Desoldering Tool

- Professional tool used to cleanly remove solder
- Released by push button and re-primed by a plunger, the solder sucker picks up the debris by sucking it up



RS PRO
479-4197

Anti-Static Bags

- Zipper topped bags for protecting sensitive equipment from ESD damage
- Dissipative outer section, anti-static interior
- Sold in packs of 10



RS PRO

431-9538	102 x 152mm
431-9544	152 x 203mm
431-9550	254 x 305mm
431-9566	305 x 406mm
431-9572	457 x 457mm

ESD Cabinets

- Provides 100 percent protection against static electricity, so ideal for storing products which are sensitive to the damage caused by static electricity
- Constructed of a special plastic containing carbon fibres, which makes the products permanently antistatic and protection will not diminish over time
- Fulfils the EN 61340-5-1 standard



519-217	18 drawers 420 x 307 x 146mm
519-201	36 drawers 420 x 307 x 146mm
816-271	48 drawers 555 x 307 x 146mm

Adjustable ESD Wrist Strap and Cord Sets

- Comfortable & adjustable wristband with an easy to use adjustable clip which makes taking on & off easy
- 1.8m coiled cord provides lots of movement & flexibility



RS PRO

392-163	Wrist strap only
287-7385	Wrist strap & cord 10mm stud to stud
287-7379	Wrist strap & cord 10mm stud to croc clip

ESD Safe Mats

- Bench mat made of a conductive layer with a static-dissipative layer above and below
- Ideal for use on benches or floors
- Has 10mm studs on each corner
- 600 x 1200 x 3.2mm



RS PRO

466-1659	Grey
466-1643	Blue

Earth Bonding Plugs

- Designed to provide a common point for grounding using protective earth in an ESD protected area (EPA)
- Plug fits into the mains supply socket, making a connection with the earth conductor only
- Connectors on the front of the plug are available for connection via ground cords to the various elements of the EPA



RS PRO

287-7537	1 x 10mm stud
298-3890	1 x 10mm stud, 2 x banana sockets
298-3878	3 x 10mm studs
298-3884	2 x 2BA posts

Polyamide ESD Gloves

- Anti-static glove in accordance with EN 16350 is ideal for use in ESD safe areas
- Ergonomic fit offers exceptional dexterity right to the fingertips along with a secure grip
- Ideal for work on touchscreens in ESD areas or for precision assembly work

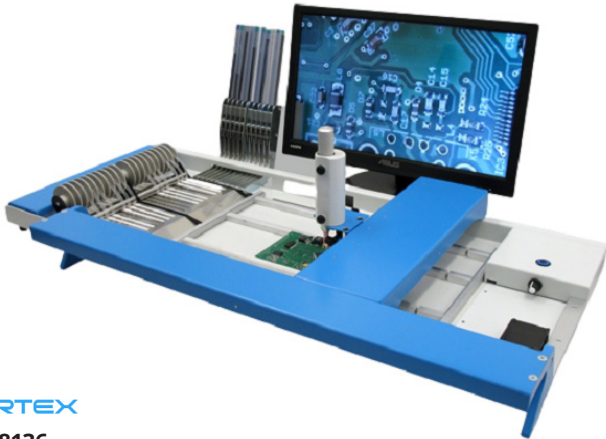


uvex

217-4414	Size 7
217-4415	Size 8
217-4416	Size 9
217-4417	Size 10
217-4418	Size 11

Manual Pick and Place Manipulator

- Compact system intended for manual assembling of PCB prototypes or small series PCBs
- Allows the user to comfortably pick the components from the feeders and put them gently and accurately onto a PCB
- Rotation of components can be regulated by a button on the manipulator head
- Supplied with HD camera vision system with LED illumination, assembling desk with moveable shoulder and assembling head, 230V/12V adapter, vacuum pump, printed circuit board holders, rubber sucking cups and replaceable needles.

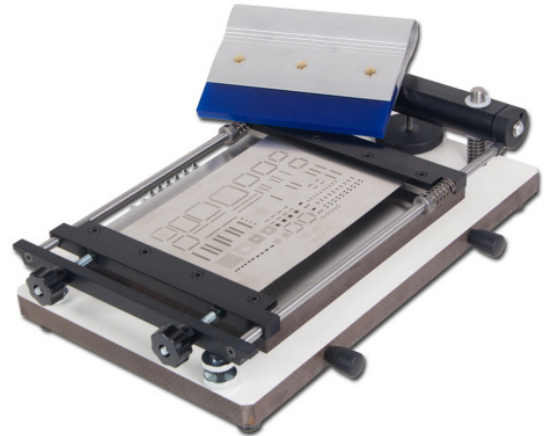


FORTEX

249-8136

PCB Stencil Printer

- S1-01 stencil printer is designed to put solder paste on PCB's using a "stencil", which is a thin metal sheet which has holes matching the position of the pads located on the PCBs
- No need for mounting holes
- Fixing stencil is fast, easy and requires no heating of the stencil



FORTEX

215-7022

Manual Wire Wrapping Tool & Wire

- Creates a durable, consistent point-to-point connection on your printed circuit boards
- Enables connection wires for situations in which soldering is not appropriate or available
- Wire is 0.05mm² thick and has Kynar insulation
- Wire sold in 50m reel



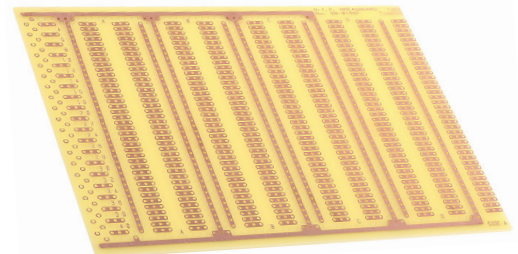
RS PRO

605-239 Tool

209-4849 Black wire

Prototyping Breadboard

- Low density boards for hard wiring of integrated circuits, particularly useful in R&D applications
- 0V and VCC rail patterns are duplicated on the component side of the board giving increased power capacity
- Individual mounting pads for terminal pins are provided
- Grid print to aid component layout



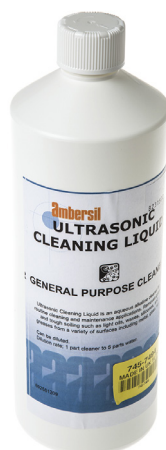
RS PRO

159-6192 114.3 x 156.21 x 1.6mm

159-6209 203.3 x 194.31 x 1.6mm

Ultrasonic Cleaning Fluid

- Thoroughly removes all traces of contamination, including tough soiling such as light oils, waxes and silicones
- Ideal for use in ultrasonic baths or cleaning and degreasing delicate electronic parts
- 1 litre bottle



Ambersil

745-7494

Clear Protective Lacquer

- A general purpose coating designed to protect printed circuit boards from environmental attack
- High quality glossy finish which has good resistance to humidity
- 200ml aerosol



ELECTROLUBE
THE SOLUTIONS PEOPLE

118-1554

UltiMaker S7

- Easy setup and monitoring: start printing quickly with a simple first-time user experience, includes material recognition and high-resolution internal camera
- Access to the UltiMaker platform: Including software, materials, and hardware
- Environmental control: integrated air manager filters out up to 95% of UFPs while keeping the build chamber temperature regulated
- Advance active levelling: no need for manual levelling
- Large build volume: ideal for bigger parts or batch production
- Network connectivity: print via Wi-Fi, LAN, cloud, or USB
- Bundle includes printer, material station and air manager

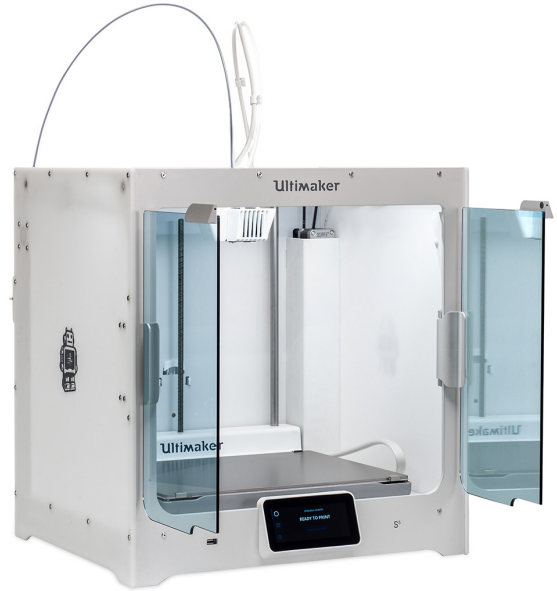


UltiMaker

- 258-0358 Printer
- 258-0359 Printer bundle

UltiMaker S5

- Active bed levelling ensures a perfect first layer
- Filament flow sensor pauses your print and notifies you if you run out of material
- Build volume of 330 x 240 x 300mm
- Metal expansion kit makes creating stainless steel parts easier, more efficient, and affordable



UltiMaker

- 174-6243 S5 printer
- 252-4527 Metal expansion kit

BCN3D Epsilon 3D Printers

- One of the largest build volumes on the market
- Fully enclosed heated chamber with safety pause to avoid damaging prints
- HEPA and carbon filters for a safer work environment
- 2.85mm filament diameter



- 218-2026 W27 - 420 x 300 x 220mm
- 218-2024 W50 - 420 x 300 x 400mm

UltiMaker PVA Removal Station

- Dissolves support material quickly and effectively
- Low effort - reduce operator time up to 80%
- Rinsing basket keeps prints safe and submerged



- UltiMaker
- 240-7583

EinScan-SP Desktop 3D Scanner

- Easiest 3D scanning experience for non-technical users
- Dual scan modes: Auto Scan and Fixed Scan
- Easy to operate and great price-to-performance ratio: Easy Operation, User Friendliness, and Faster Scanning
- One-click scanning



SHINING3D

222-9693

RS PRO Print Adhesion Mat

- Assists print adhesion for better quality prints
- Size: 200 x 200mm
- Tolerance: 5%



RS PRO

173-4712

RS PRO Replacement Printer Nozzles

- Standard M6 thread size for maximum compatibility
- Brass construction



RS PRO

173-4714	0.2mm
173-4715	0.3mm
173-4716	0.4mm
173-4717	0.5mm
173-4718	0.8mm
173-4719	1.0mm

RS PRO PLA Filament

- High-quality polylactic acid (PLA) material
- Hardens rapidly without deforming for accurate prints
- Made from plant-derived sugars, it is biodegradable and environmentally sustainable
- 1kg reels



RS PRO

832-0214	Black 1.75mm
832-0264	Black 2.85mm
832-0223	White 1.75mm
832-0273	White 2.85mm
832-0226	Blue 1.75mm
832-0276	Blue 2.85mm
832-0245	Silver 1.75mm
832-0295	Silver 2.85mm
832-0220	Red 1.75mm
832-0270	Red 2.85mm

DesignSpark PCB

Go from concept sketch to prototype, and further

- Choose DesignSpark PCB for your circuit board design needs, as it has the right set of tools to help you save time, money and prevent errors.
- Start your prototyping journey with our free-of-charge software, and upgrade anytime to our Creator or Engineer paid subscription plans for advanced features.

www.rs-online.com/designspark/pcb-software

Precision Screwdriver Set

- 24-piece screwdriver set is ideal for working on small, intricate electronic devices
- Comes in a handy plastic hanging case
- Set contains: slotted: 1.0 x 50, 1.2 x 50, 1.5 x 50, 1.8 x 50, 2.0 x 50, 3.0 x 75, 3.5 x 75, 4 x 75mm; hexagon: 1.5 x 50, 2 x 50, 2.5 x 50, 3 x 75mm; Phillips: PH0 x 50, PH00 x 50, PH1 x 75mm; pozidriv: PZ0 x 50, PZ1 x 75mm; Torx: T6 x 50, T7 x 50, T8 x 50, T9 x 50, T10 x 50, T15 x 75, T20 x 75mm



876-6278

Stainless Steel Tweezer Set

- Designed for intricate work in the electronics industry
- Anti-acid and anti-magnetic



136-9872

Professional Electronic Tool Kit

- Complete kit with carefully selected tools for electronic engineers
- Contains: snipe nose pliers, side cutters, slotted screwdrivers, Philips screwdrivers, adjustable spanner and straight tipped tweezers in a handy wallet



418-9309

Automatic Wire Stripper

- Self-adjusting wire stripper with hardened steel blades and integral wire cutter (for single wires)
- Stripping length adjustment to suit application
- Stripping range 0.2-6mm



613-044

7890 - Snipe Nose Plier

- Supreme series snipe nose pliers with ESD safe mono-material handles with return spring
- High performance alloyed steel with polished finish
- Numerically controlled machine grinding guarantees accuracy & increases the tools reliability & consistency
- Tough hardened 42-46 HRC
- Screw joint that minimises friction & maximises jaw alignment
- 32mm jaws with radiused edges
- 6mm tip width



614-794

7490 - Flat Nose Plier

- Supreme series flat nose pliers with ESD safe mono-material handles with return spring
- High performance alloyed steel with polished finish
- Numerically controlled machine grinding guarantees accuracy & increases the tools reliability & consistency
- Tough hardened 42-46 HRC
- Screw joint that minimizes friction & maximizes jaw alignment
- 20mm of smooth gripping jaws with radiused edges
- 3.2mm tip width



609-792

IXO 5 Medium 3.6V Electric Screwdriver, USB

- A handheld cordless screwdriver designed for all your small to medium drilling and screw driving applications
- Lithium-ion technology with no memory effect, no self-discharge: Always ready to use thanks to lithium-ion technology
- Softgrip with optimised handling ensure intuitive to use in different grip positions



BOSCH
665-8598

ESD Tool Kit

- Professional ESD safe tool kit featuring popular sized cutters, pliers, screwdrivers and tweezers housed in a ESD safe tool wallet
- Contains 2.5 x 75mm slotted, PH00 x 60mm and fine curved tweezers 120mm



RS PRO
249-8657

Stainless Steel Tweezer Set

- General purpose set containing the most commonly used tweezers, supplied in an ESD wallet
- All tweezers have polished edges hand crafted to perfect tip symmetry and balance ensuring tips always line up perfectly
- Satin finish for good reduction of glare



LINDSTROM
361-3097

Insulated Crimp Kit with Tool

- Handy crimp terminal kit containing 800 high-quality colour coded insulated terminals in a range of popular sizes along with a compact crimp tool
- Contains crimps for use with wire size range of 0.5-6mm²
- For full contents visit our website



RS PRO
613-9952

HG 2320 E Heat Gun

- Digitally controlled heat gun with safety heat indicator and four memory programmes
- Maximum temperature 650°C and airflow of 500L/min
- Ideal for shrinking heat shrink tubing, film or packaging; stripping paint; drying out wood; softening adhesives or thawing frozen pipes



steinel
520-2914

SL25 25-Piece Socket & Bit Set

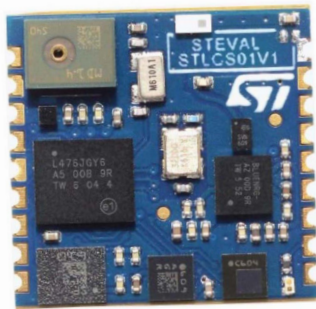
- ¼" hexagon drive socket set has soft grip ratchet with quick release button making it easy to use and more productive
- Set contains: ratchet, bit holder, extension bar, 4-13mm sockets and screwdriving bits supplied in a handy case



BAHCO
254-197

STMicroelectronics Sensor Tile Motion Sensor Data Capture Card

- Supports development of monitoring/tracking applications such as IoT standalone sensor nodes linked to iOS™ or Android™ smartphones
- 80MHz STM32L476JG Cortex M4F low-power MCU with 1MB Flash memory, 128KB RAM
- LSM6DSM iNEMO inertial module: 3D accelerometer and 3D gyroscope



life.augmented

143-8869 STEVAL-STLCS01V1

SensorTile.box Wireless Multi-sensor Kit for IoT and Wearables

- Helps you use and develop apps based on remote motion and environmental sensor data
- Sensors and functions for motion and environmental applications such as pedometer, barometer/environmental monitoring, vehicle / goods tracking, vibration monitoring, compass and inclinometer
- Ultra-low-power ARM Cortex-M4 microcontroller with DSP and FPU (STM32L4R9)
- Bluetooth Smart connectivity v4.2 (SPBTLE-1S)
- Programming and debugging interface for professional firmware development



life.augmented

190-8453 STEVAL-MKSBOX1V1

ZMOD4410 Indoor Air Quality Gas Sensor Module Evaluation Kit

- User-friendly EVK expedites configuration and evaluation of the ZMOD4410 Gas Sensor Module
- Supports different methods of operation, including Low Power and AI technology for improved ppm TVOC readings
- Operates with Renesas provided software; either with executable ZMOD4410 GUI or alternatively with firmware programming examples for Windows® and Linux®
- Additional pins to measure power consumption, supply voltage, and GPIO trigger for external device



208-7746 ZMOD4410-EVK-HC

Motor Control Evaluation System For Motor Control IC RAJ306010

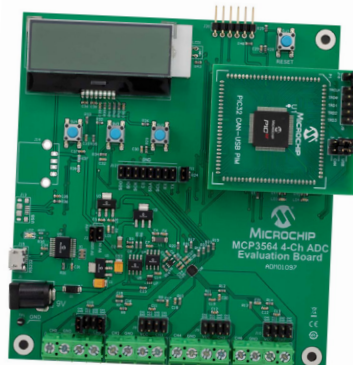
- Easy to start the motor control evaluation with RAJ306010
- High expandability and operability by small board (approx B6 size: 148 x 125 mm)
- Connectable to the external MOSFET board
- Various sample codes for the basic motor drive
- Desk Top Lab ICS tool support (ICS: PC tool for waveform display)



234-7911 RTK0EML2C0S01020B

MCP3564 ADC Evaluation Board V2 for PIC32 MCUs

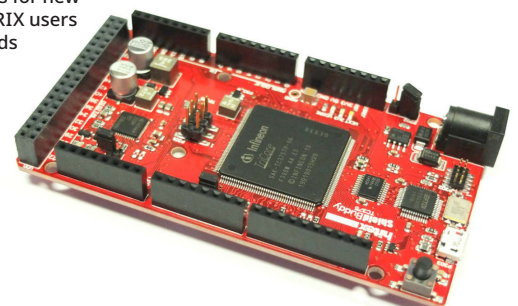
- Provides a development platform for 32-bit PIC device based applications, using existing 100-pin PIC microcontroller Plug-in Module (PIM) systems that are compatible with the Explorer 16 and other high-pin count PIC32 device-based demo boards
- Offers integrated features such as internal oscillator, temperature sensor and burnout sensor detection
- Fully configurable with Oversampling Ratio (OSR) from 32 to 98304 and gain from 1/3X to 64X
- Comes with a 20 MHz SPI-compatible serial interface



204-2688 ADM01097

AURIX™ TC275 ShieldBuddyTC375

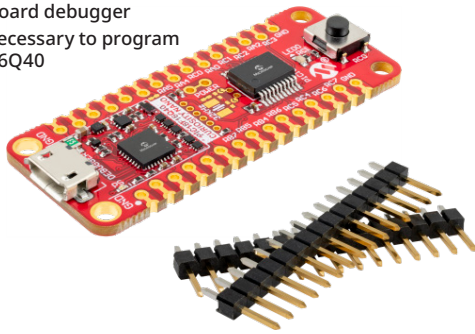
- Fitted with AURIX™ TC375 32-bit multicore processor on a board following the Arduino™ standard making it compatible with many of the application shields that are available
- Direct USB debug interface
- Allows instant access for new and prospective AURIX users to hundreds of shields



213-3243 KITA2GTC375ARDSBTOBO1

PIC18F16Q40 Curiosity Nano Evaluation Kit

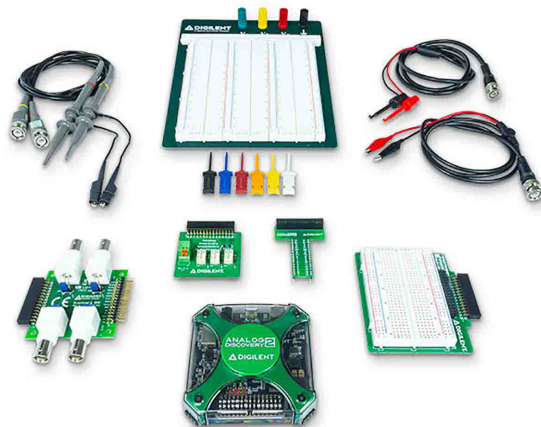
- A hardware platform to evaluate microcontrollers in the PIC18-Q40 family
- Supported by MPLAB® X IDE, the board provides easy access to the features of the PIC18F16Q40 to explore how to integrate the device into a custom design
- The Curiosity Nano series of evaluation boards include an on-board debugger
- No external tools are necessary to program and debug the PIC18F16Q40



MICROCHIP
215-3941 EV70C97A

Analog Discovery 2™

- Developed in conjunction with Analog Devices®, this is a multi-function instrument that allows users to measure, visualise, generate, record, and control mixed signal circuits of all kinds
- Small enough to fit in your pocket, but powerful enough to replace a stack of lab equipment, providing engineering students, hobbyists, and electronics enthusiasts the freedom to work with analogue and digital circuits in virtually any environment
- Driven by the free WaveForms software, the Analog Discovery 2 can be configured to work as any one of several traditional instruments



DIGILENT
194-6464 471-027

K...H Series High Operating Temperature Multilayer Ceramic Capacitors Kit

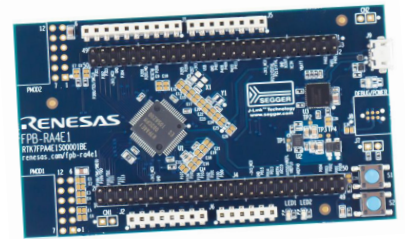
- This sample kit offers 24 different radial MLCC capacitors that differ in dielectric, capacitance value and voltage, with 10 of each variety supplied
- AEC-Q200 qualified (PPAP available)
- High reliability, high performance
- Radial mounting style
- Designed for application in the most extreme operating conditions
- Unmatched maximum operating temperature of +175°C for ceramic dielectrics



VISHAY
The DNA of tech™
122-0708

FPB-RA4E1 Fast Prototyping Board

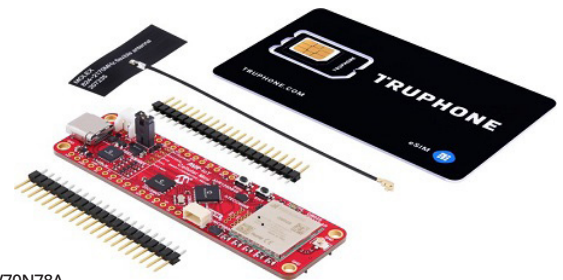
- Provides an entry point for evaluation, prototyping and development with the RA4E1 MCU
- Board incorporates an emulator circuit, you can use it for designing your own applications without needing to make further investments in tools
- Suitable for entry IoT applications requiring value optimised feature and connectivity integration, total system cost reduction and an optimised mixture of high performance with 100MHz Cortex-M33 Core in combination with lowest active power consumption



RENESAS
231-7766 RTK7FPA4E1S00001BE

AVR-IoT Cellular Mini Development Board

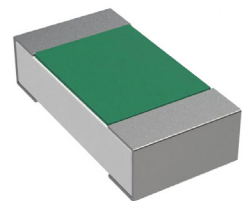
- Hardware platform to evaluate and develop IoT solutions with the Microchip AVR128DB48 AVR® microcontroller, ATECC608B secure element, and the Sequans Monarch 2 GM02S cellular module
- Included with the development board is a SIM card from Truphone with 150MB data ready for activation
- With a connection to a capable cellular network the ATECC608B can be used to authenticate the hardware with the cloud to uniquely identify every board



MICROCHIP
241-2233 EV70N78A

SG73P Endured Pulse Power Flat Chip Resistors

- Superior to RK73 series chip resistors in pulse withstanding voltage and high power
- Resistance tolerance is available from ±0.5%
- Suitable for both reflow and flow soldering
- Products with lead free termination meet EU-RoHS requirements AEC-Q200 Tested



KOA
241-0646

EMI Suppression Axial Ferrite Bead Kit

- WE-CBF HF series is available in 3 types
- Modified internal layout increases the effective suppression range
- The impedance at 1GHz is at least 3 times higher than WE-CBF product family
- Operating temperature: -55°C to +125°C
- Ideal for suppression in signal lines in the high frequency range e.g. fast data lines in CPU, high speed bus systems and HDD



WE WURTH ELEKTRONIK
MORE THAN YOU EXPECT
862-4982

800 Piece Insulated Crimp Terminal Kit

- The colour-coded crimp terminals include insulated ring terminals, insulated spade terminals, insulated pin terminals, insulated receptacle terminals and insulated butt splice terminals in a range of popular sizes
- A compact crimp tool is also included which is specifically designed for crimping pre-insulated terminals with a wire size range of 0.25-6 mm²
- This crimper has high precision jaws and a ratchet mechanism which ensures a full crimp cycle is achieved



RS PRO

613-9952

Chassis EMI Filters

- Low cost chassis mount filters with a single stage design
- Shielded metal body
- Suitable for Medical and ITE products
- Full range of options available



XP XP Power

193-6544	1A - FHSAA01A1FR
193-6545	3A - FHSAA03A1FR
193-6546	6A - FHSAA06A1FR
193-6547	10A - FHSAA10A1FR
193-6548	15A - FHSAA15A2FR
193-6549	20A - FHSAA20A2FR

In-line & Panel Fuse Holders

- Two part in-line fuseholders in standard and sealed versions, and panel mount versions
- Ideal for vehicle, general and portable equipment applications protecting AC or DC circuits



bulgin
Advanced Connector Technology

414-601	Standard in-line, 5x20mm, 10A, FX0380 (5 pack)
420-050	Sealed in-line, 5x20mm, 10A, FX0385 (5 pack)
512-5996	Panel mount, 5x20mm, 10A, FX0462 (5 pack)
512-6006	Panel mount, 6.3x32mm, 16A, FX0419 (1 pack)
312-2670	Drawer type snap-in, 5x20mm, 10A, FX0430/63 (1 pack)

TMPS 05 Series 5W AC-DC Power Modules

- PCB mounting AC-DC power module housed in a 25mm x 25mm package with a 85 to 264Vac input
- Certified to EN 60335-1 for domestic appliance applications
- No load input power <300 mW to comply with ErP



TRACO POWER

892-0637	3.3Vdc out
892-0630	5Vdc out
892-0634	9Vdc out
892-0643	12Vdc out
892-0646	15Vdc out
892-0640	24Vdc out

Heat Shrink Terminal Kit and Crimping Tool

- A 225 piece kit that contains a selection of popular sizes of heat shrinkable pre-insulated crimp terminals and one ratchet type crimping tool
- Terminals are adhesive lined and offer a water tight seal to IP68 around the crimped connector and cable
- Terminal types: splices, ring, male blade and female receptacle

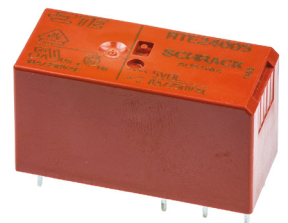


HellermannTyton

815-6710

RT2 Series PCB Power Relays

- Offers a variety of coil voltages and contact configurations
- Uses 5mm pin spacing
- 2 pole 8A, 2 form C change-over contacts
- Ambient temperature up to 85°C



TE
Authorized Distributor

198-6905	12Vdc coil - RTE24012
198-6911	24Vdc coil - RTE24024
200-1904	24Vac coil - RTE24524
200-1926	230Vac coil - RTE24730

Fast and Slow Glass and Plug Top Fuse Kit

- An assortment of 180 fuses including fast acting, slow acting and standard plug fuses
- A segmented plastic case with hinged lid makes it really easy to view and choose the right fuse
- The lid of the case contains information on the fuses in each section to help ordering of replacements

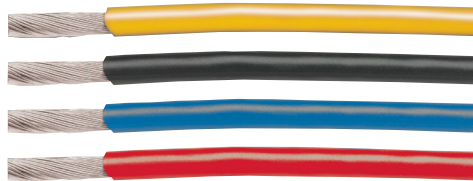


RS PRO

893-8546

EcoWire® UL11028 Equipment Wire

- Combines increased performance with a minimised environmental impact
- Up to 45% smaller and 40% lighter than standard PVC cables and offers better dielectric strength
- Examples shown are 20AWG, 0.52mm² CSA, 600V on 30m reels
- Other colours, reel sizes and AWGs available

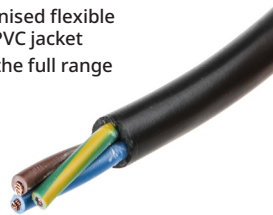


AlphaWire

687-7493	White
687-7499	Red
687-7503	Blue
687-7512	Orange
687-7516	Slate
687-7519	Yellow
687-7525	Violet
687-7528	Green / yellow

3183Y H05VV-F Mains Cable

- High-quality BASEC approved H05VV-F harmonised flexible mains power cable with PVC insulation and a PVC jacket
- Wide selection available, visit our website for the full range



RS PRO

491-835	0.75mm ² 6A 100m
491-881	1.0mm ² 10A 100m
491-998	1.5mm ² 15A 100m

Standard Series Buccaneer

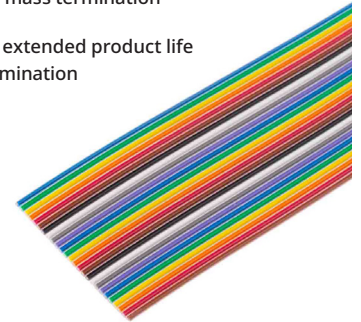
- The Buccaneer series is one of the most compact and versatile circular power connectors on the market
- With a robust Valox PC/PBT construction and quick-turn bayonet coupling mechanism it's perfect for many applications
- Rated to IP66, IP67, IP68 & IP69K standards, it's ideal for harsh environments where space is at a premium and high performance and reliability are vital
- 2 and 3 pole examples shown. Complete range of plugs & sockets available - including inline, flange mount and PCB termination options



483-893	2 pole, cable plug, screw, PX0736/P
483-922	3 pole, cable plug, screw, PX0731/P
489-532	2 pole, cable socket, screw, PX0736/S
489-396	3 pole, cable socket, screw, PX0731/S
489-526	2 pole, panel plug, screw, PX0735/P
489-380	3 pole, panel plug, screw, PX0730/P
483-887	2 pole, panel socket, screw, PX0735/S
483-916	3 pole, panel socket, screw, PX0730/S

1.27mm (0.05") Pitch Ribbon Cables - Type 3302

- 28 AWG wire on 0.05" centres permits mass termination to a broad line of IDC connectors
- Stranded wire provides flexibility and extended product life
- Zippable for branching or discrete termination
- Colour coded for wire identification
- Supplied on 30.5m reels

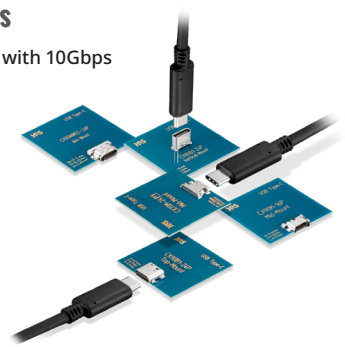


3M

105-5281	10 way
105-5297	14 way
105-5304	16 way
105-5310	20 way
105-5326	26 way
105-5332	34 way
105-5348	40 way
105-5354	50 way
105-5360	64 way

CX Series USB Type-C™ Connectors

- Next-generation USB Type-C™ compliant with 10Gbps high-speed transmission (3.1.Gen. 2)
- Various hybrid designs with a reversible interface for easy mating
- Clear tactile click with excellent locking

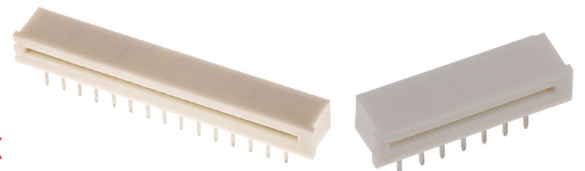


HRS

173-9952	CX60-24S-UNIT PCB wire solder - pack of 5
173-9953	CX90B1-24P top mount SMT - pack of 5
173-9955	CX60-SLDA plug shell - pack of 10

Easy-On 1.25mm ZIF PCB Through Hole FPC Connector

- Space saving design making them ideal for use in tight packaging applications
- ZIF for repeat cycling with minimum wear
- Slide type actuator for easy insertion and secure connection of FPC
- Further options for numbers of ways and pack quantities available (examples are priced and supplied as pack of 5)



molex

542-7078	6 way
369-609	8 way
370-778	12 way
371-709	14 way
372-437	20 way
372-447	26 way
372-443	30 way

The 2 Series MSO

The scope that works where you do

- Thin, lightweight design
- Modern touchscreen display
- Built-in remote work capability



Complementary Products and Accessories



Tektronix AFG
1022/1062 Arbitrary
Function Generators



Keithley DAQ6510



Keithley Bench
Power Supply 2220/
2230/2231-series



Keithley DMM6500 6.5
Digit Multimeter with
Graphical Touchscreen



Tektronix P5200A
Oscilloscope Probe



LCR-6000 Series High Precision LCR Meter

- Featuring a 0.05% basic accuracy, compact size (2U half-rack) and large (3.5 inch) colour LCD
- 16 major/secondary parameter measurement combinations and 2 additional monitoring parameters (maximum 4 different parameters can be shown simultaneously)
- DCR measurement and internal DC bias voltage ($\pm 2.5V$)
- 10 points listed test function to select different frequency, voltage and current criteria
- RS-232C, Handler and USB storage interfaces



- 117-6718 10Hz to 2kHz
- 117-6716 10Hz to 100kHz
- 117-6715 10Hz to 200kHz
- 117-6714 10Hz to 300kHz



LCR 1707 Smart Tweezer LCR Tester

- Ideal to perform on board measurements and troubleshoot loose components
- Simply put the components between the tips of the tweezers and it will automatically measure the component on the display
- Offers data hold mode, zeroing mode, parallel/serial test mode, self calibration mode, external DC power operation and USB interface



123-8652



Passive Oscilloscope Probes

- Can be used with RS PRO oscilloscopes as well as major brands
- Lightweight yet durable design allowing you to work on the go in a range of environments
- Includes a full accessory kit
- Choice of bandwidths available
- 10:1 attenuation



- 179-9560 100MHz 10:1
- 179-9559 150MHz 10:1
- 179-9558 350MHz 10:1



InfiniiVision 1000 X Series Oscilloscopes

- See more signal detail with 200,000 waveforms/sec update rate
- Test quickly and easily with a simple, intuitive user-interface
- Built-in digital voltmeter and frequency counter for flexible measurement options
- USB 2.0 and LAN connectivity for ease of connection and data transfer to a PC
- TFT LCD screen displays your data clearly for ease of reading



200-5279 50MHz
200-5274 70MHz

RSDM3055 and RSDM3055A Bench Multimeters

- Offering 5½ digit reading resolution and up to 150 rdgs/s measurement speed
- True-RMS AC voltage and AC current measuring
- 1 GB nand flash size, mass storage configuration files and data files
- USB Device, USB Host, LAN (plus GPIB with RSDM3055A only)
- Supports remote control via commands and is compatible with commands of mainstream multimeters



123-6465 RSDM3055
123-6466 RSDM3055A (adds GPIB)

Decade-Thumb Wheel Resistance Box

- For simulating resistance transducers and for laboratory, industrial and educational use
- Required resistance is set by clearly marked thumbwheel switches, colour coded to aid identification
- Excellent accuracy (mid-scale 0.1%) is achieved by using high stability metal film resistors



610-297

2204A PC Based 10MHz Oscilloscope

- Benchtop performance in pocket-sized USB connected and powered scope
- Simple, low-cost solution with 2 channels
- Offers fast real-time sampling rates, equivalent-time sampling (ETS) mode, built-in arbitrary waveform generator, advanced digital triggers, persistence display modes, mask limit testing and serial bus decoding



793-3654

33500B Series 20MHz Waveform Generators

- With exclusive Trueform signal generation technology these waveform generators offer more capability, fidelity and flexibility than traditional DDS generators
- The jitter performance gives users the ability to place edges more accurately, helping reduce timing errors in circuit designs
- Total harmonic distortion is less than 0.04% and non-harmonic spurs are less than 75dBc



763-9113 Single channel
763-9122 Dual channel

FPC1000 Spectrum Analysers

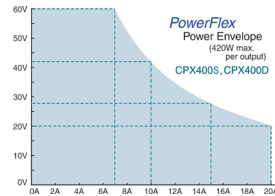
- Single channel analysers offering an extremely low noise floor and high maximum input power, combining to provide the best dynamic range
- The resolution bandwidth can be set to 1Hz for finer spectral details
- Can be controlled via smart wireless remote control software. It also supports wired Ethernet and wireless Wi-Fi connectivity
- Large screen size of 10.1" plus two USB 2.0 ports for storage media and connecting accessories, headphone jack, audio speaker and RF input



144-8210 5kHz - 1GHz
144-8211 5kHz - 2GHz
144-8212 5kHz - 3GHz

PowerFlex CPX400D & CPX400DP Bench PSUs

- Dual output PSUs using PowerFlex regulation which enables higher currents to be generated at lower voltages within a power envelope
- They feature smart analogue controls with settings lock, and isolated voltage tracking for easy series or parallel wiring
- The CPX400DP includes a full range of digital remote control interfaces and duplicate output terminals at the rear
- For an optional GPIB module see stock number 144-5481



731-2842 CPX400D
707-2857 CPX400DP
144-5481 GPIB digital bus interface