

ISSUE 53

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element14

AN AVNET COMPANY

Connect

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THE DESIGN OF POSSIBILITY
FROM CONCEPT TO CONNECTED SOLUTIONS

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EDITOR'S NOTE

WELCOME TO THE 53rd EDITION OF CONNECT MAGAZINE!

This quarter's theme, **'The Design of Possibility: From Concept to Connected Solutions,'** celebrates the everyday journey from idea to execution. Innovation isn't just about big breakthroughs — it's built through small, thoughtful steps, the right components, and trusted support along the way.

In this issue, you'll find practical insights, supplier highlights, and product recommendations designed to help you move forward with confidence.

Thank you for being part of the element14 community!

Register at nz.element14.com/connect-magazine#register to stay updated and share your feedback anytime at nz-marketing@element14.com.

Here's to designing what's next — together.



Nadia Siahaan



Hemanth HM

Marketing Team, element14



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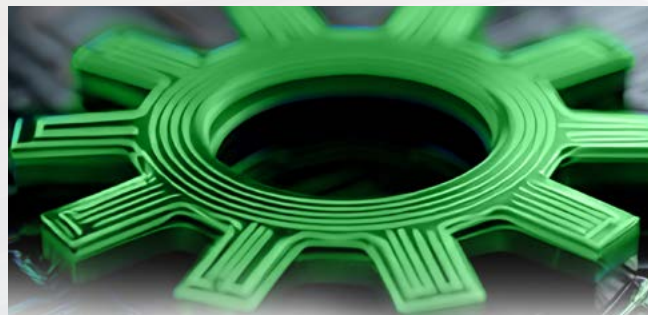
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WELCOME TO THE 53rd EDITION OF CONNECT MAGAZINE!

Innovation often starts with a simple idea: a sketch, a question, or a problem waiting to be solved. What turns that idea into something meaningful is design, collaboration, and having the right support along the way.

That's the spirit behind this issue's theme, **'The Design of Possibility: From Concept to Connected Solutions.'**

Across APAC, we're seeing engineers and businesses move faster from concept to execution.

We aim to make your journey easier and more reliable. In this edition, you'll find highlights from our partners **E-Switch, Analog Devices, Renesas, Orion Fans**, and many more. We are also pleased to offer **Multicomp Pro**, our exclusive brand, with a wide selection of over 65,000 SKUs in Emech, Cables, Connectors, Passive components with very attractive pricing, and quality trusted by major OEMs around the world.

I have also picked a few top products for this edition based on the demand in Australia and New Zealand. Each selection is designed to support confident design and delivery.

Our priority is to support you throughout your project, from concept to completion.

Thank you for being part of the element14 community! We look forward to continuing this journey together.

Warm regards,



CY Chan

Vice President, Sales and Service, APAC
element14

3-84952-0 - FFC / FPC Board Connector

- Stuffer actuator
- Solder pads PCB mount retention
- Mating alignment



Order Code
124527701

30% OFF

\$2.94

X9C103SZ - Non Volatile Digital Potentiometer

- Digitally controlled potentiometer (XDCPTM)
- Consists of a resistor array, wiper switches, a control section and non-volatile memory
- Solid-state potentiometer



Order Code
121611801

20% OFF

\$10.62

RB14DE1100. - Rocker Switch

- Product range: RB1 Series
- Contact current AC maximum: 16A
- Contact voltage VAC: 125V



Order Code
388390701

30% OFF

\$2.90

OD1225-24HB02A - DC Axial Fan

- Fan frame size: 120mm x 25mm
- Fan frame type: Square
- Ball bearing



Order Code
403544701

20% OFF

\$43.65

MPK78-15-500 - Non Isolated POL DC/DC Converter

- Compact SIP package for easy through-hole PCB integration
- Dual-output configuration with positive and negative voltages for versatile applications
- High efficiency to minimise power loss and optimise system performance



Order Code
475450901

30% OFF

\$4.48

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TOOLS & PRODUCTION SUPPLIES

Equip. Build. Achieve. A complete range of engineering and production supplies, from hand tools and soldering equipment to 3D printing solutions, adhesives, and fasteners.



To view more products, scan the QR code or visit:
nz.element14.com/Connect53ToolsandProduction

MP013792 - 3D PRINTER FILAMENT

multicomp PRO



- Red colour
- 1.75mm filament diameter
- Melting temperature range: 210°C to 230°C

10% OFF

\$73.09

Order Code
439775501

26.424.1001.50 - LAMP HOLDER

multicomp PRO



- Accepts T8 or T12 fluorescent tubes
- Accessory type: Lamp holder
- T8/G13 fluorescent lamps

40% OFF

\$2.40

Order Code
53064501

T5992 - SWA TERMINATION KIT



- Width (product only): 102mm
- VDE cable knife x2
- Slim jaw wrench

10% OFF

\$237.07

Order Code
481659401

31040R - TELEPHONE MODULAR CABLE

PRO-SIGNAL



- Fitted with standard BT style 4 way plug (431A)
- Cable length - metric: 3m
- Jacket colour: White

30% OFF

\$2.83

Order Code
133513801

0055 0085 000 03 - BLANKING PLUG

ETTINGER
Electronic Equipment



- Stuff plug resolvable design
- 8.5 mm hole diameter
- Outside diameter: 12 mm

30% OFF

\$0.302

Order Code
133618101

6PK-330K - CRIMPING TOOL KIT

Pro'sKit



- Rotary coaxial cable stripper crimper tool
- Screwdriver #1x125 round cable cutter
- Carry case: 305 x 210 x 58mm

10% OFF

\$111.30

Order Code
291698801

00 31 31 V01 SB - PHOTOVOLTAIC INSTALLATION SET



- Photovoltaic installation set
- 1x ErgoStrip PV stripping tool
- PreciForce crimping plier

20% OFF

\$344.75

Order Code
473395701

7441 - TORQUE, SCREWDRIVER



- Adjustable Kraftform torque screwdriver with Rapidaptor quick-release chuck
- Suitable for bits with 1/4" hex head drive
- Rapidaptor technology for rapid bit change

20% OFF

\$191.06

Order Code
133775901

114578 - INSERT FOR ASSORTER BOXES



- Can be used for Assorter 55, Boxxer 55, CarryLite 55, Compact, drawer 250-3 and tray in ToolCase
- Made of polypropylene (PP)
- Dimensions (HxWxD): 47mm x 39mm x 109mm

30% OFF

\$2.11

Order Code
137335201

D02155 - GENERAL TOOL KIT

DURATOOL



- General tool kit consisting of 153 pieces supplied in a robust tool case
- Aluminum case
- Product dimension (L x W x H) : 46.5cm x 37cm x 16.5cm

10% OFF

\$261.75

Order Code
210325201

3LAG2 - ANGLED BACK BOX



- Angled design allows for easy desktop and corner mounting
- Multiple mounting holes for flexible installation options
- Cable knockouts on all sides and base

30% OFF

\$7.63

Order Code
424354601

732 CLEAR 310ML - SEALANT



- Supplied 310ml volume in cartridge dispenser
- Clear non-slump paste appearance
- Cures at room temperature when exposed to moisture in the air

45% OFF

\$20.25

Order Code
228962901

MOLYKOTE 4, 100G - ELECTRICAL INSULATING COMPOUND**MOLYKOTE**

- MOLYKOTE® 4 electrical insulating compound (MS4)
- High dielectric strength
- Low volatility and highly water-repellent

20% OFF**\$19.55**Order Code
53701901**SCP3.WHITE.13A - EUROPEAN SCHUKO TO UK CONVERTER PLUG****PowerConnections**

- Suitable for straight and most right angle Schuko plugs
- Converts European equipment for use in the UK
- Cannot be plugged in while the lid is open, to ensure electrical safety

30% OFF**\$4.97**Order Code
127881001**SCP3.BLACK.13A - EUROPEAN SCHUKO TO UK CONVERTER PLUG****PowerConnections**

- Suitable for straight and most right angle Schuko plugs
- Converts European equipment for use in the UK
- Cannot be plugged in while the lid is open, to ensure electrical safety

30% OFF**\$4.81**Order Code
127880601**28-11161 - 8 SWITCHED OUTLET RACK MOUNT OUTLET STRIP****Stellar Labs**

- Eight individual switched outlets
- Rugged lighted rocker switches
- 15A resettable circuit breaker

5% OFF**\$95.93**Order Code
280197601**8341-10ML - SOLDER FLUX PASTE****MG Chemicals**

- Supplied as 10ml syringe
- Excellent wettability
- Soldering flux paste for electronics

20% OFF**\$18.61**Order Code
301842001**4262LP - IN-LINE ADAPTER****VIDEK**
Network Systems & IT Solutions

- High quality RJ45 crimp connector
- The Cat.6 in-line coupler
- Convert from gender: Jack

20% OFF**\$8.07**Order Code
128387101**4747.0000 - EXTENSION LEAD****SCHURTER**
ELECTRONIC COMPONENTS

- Standalone module
- Class I protection
- Operating temperature: -25°C to 70°C

30% OFF**\$39.35**Order Code
112580901**D02368.. - UTILITY KEY****DURATOOL**

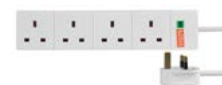
- Can also be used for radiators, stop cocks and taps.
- 4-way
- For water/electricity/gas cabinets

45% OFF**\$3.58**Order Code
282200501**RTV116Q - SEALANT****MOMENTIVE**
performance materials

- Silicone RTV 1 part
- Electrical insulation
- Filling small surface voids

30% OFF**\$100.66**Order Code
484009001**PSL-DCJB - CONNECTOR ACCESSORY****PANDUIT**

- Simple and secure method to control access to RJ45 ports
- Save time and money by preventing security breaches and associated downtime
- Device snaps into RJ45 jacks and is released only by the included removal tool

30% OFF**\$89.80**Order Code
124281901**9988S-5M -SURGE PROTECTOR****PRO-ELEC**

- Surge protected extension lead
- Number of outlets: 4
- Current rating: 13A

40% OFF**\$17.40**Order Code
128649401**MP701118 - LASER LEVEL****multicomp PRO**

- Wavelength: 520nm
- Beam accuracy: H/V line ±3mm/10M
- Green laser

20% OFF**\$99.01**Order Code
440845901**76991500 - DIGITAL CALIPER**

- Durable stainless steel construction
- Zero calibration switch with automatic on/off
- Easy-to-read LCD screen

10% OFF**\$41.97**Order Code
252901701**Hilka**

135A - POCKET LEVEL

Starrett



- Overall length: 63.5 mm
- With satin nickel plated
- Pocket level

10% OFF

\$98.20

Order Code
484333801

E-941SA-300RQ - LOCK

SECO-LARM
ENFORCER



- 300-lb (136kg) holding force, no residual magnetism
- MOV surge protection, anodized aluminum housing (US 28)
- Suitable for cabinets, small enclosures, or pedestrian gates

10% OFF

\$157.01

Order Code
280835401

D03050 - CUTTER

DURATOOL



- An exceptionally clean smooth cut
- Lightweight and easy to handle
- Suitable for copper wire, not for use with steel wire

30% OFF

\$6.61

Order Code
115600101

D00413 - COMPARTMENT BOX

DURATOOL



- Polypropylene (PP) material
- Transparent colour
- Hinged lid with fastening clips

40% OFF

\$4.22

Order Code
144737701

PTE720BTZ1 - LABEL PRINTER

brother
at your side



- Thermal transfer
- Portable
- Compact and app-driven

10% OFF

\$352.26

Order Code
484108501

362 60EN 5C 1.2MM R 250G - SOLDER WIRE

Multicore



- Good wetting on most common surfaces
- Non-corrosive
- Fast soldering

30% OFF

\$43.44

Order Code
41926601

MP007328 - STORAGE CASE

multicomp PRO



- Soft lines and an innovative design
- Durable and reliable polypropylene case
- Designed to protect and transport your items

30% OFF

\$4.94

Order Code
375440301

107424 - HOOK AND LOOP HOOK

VELCRO | ORIGINAL THINKING



- Can be cut to any length
- For heavy duty applications, may be stapled or tacked
- Tape colour: Black

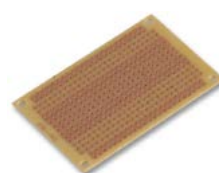
20% OFF

\$7.94

Order Code
10742401

MC01009 - PROTOTYPE BOARD

multicomp PRO



- Flame resistant to UL94V-0
- Handy screw mounting holes in each corner
- Grid patterns designed for prototyping with ICs

45% OFF

\$1.40

Order Code
276827901

SMD291AX10 - SOLDER PASTE **CHIPQUIK**



- Printing speeds up to 100mm/sec
- Long stencil life
- Wide process window

10% OFF

\$38.52

Order Code
185022301

126762 - STORAGE CABINET

raaco



- Heavy duty, steel construction
- Lacquered finish to stop rust and prolong life
- Impact resistant, clear plastic drawers

30% OFF

\$65.74

Order Code
136709101

CCH-18-101-0050 - TAPE

CHOMERICS



- CHO-FOIL® EMI shielding foil tape with conductive adhesive
- Economical EMI shielding solution for variety of commercial uses
- Available in copper foil backed with chomerics highly conductive pressure-sensitive adhesive

20% OFF

\$89.95

Order Code
121847801

AT7 BLACK 33M X 50MM - ELECTRICAL INSULATION TAPE



- Conforms to specification BSEN 60454 type 2
- Cross-linked solvent based rubber resin adhesive suitable for general electrical insulation work
- Extreme conformability enables the tape to be easily applied to awkward surfaces

30% OFF

\$10.35

Order Code
137399101

ADVANCE

MP741170 - DESOLDERING BRAID**multicomp^{PRO}**

- Pure copper braid construction
- Quickly and thoroughly removes solder
- Excellent quality for faster and safer desoldering

45% OFF**\$40.31**Order Code
473207301**PA-101 - CUTTER****Pro'sKit[®]**

- S55C material, 52°±2° HRC body, 60°±3° HRC cutting edge
- Ø 1.3mm copper application, 130mm OAL
- Accurately machined, conductive handle

30% OFF**\$7.09**Order Code
113594401**330013 - WIRE STRIPPER**

- Specifically designed for damage-free, repeatable stripping of fine wires with diameters from 0.25mm to 0.80mm Ø
- Easily adjustable to strip six common wire sizes: 0.25mm, 0.30mm, 0.40mm, 0.50mm, 0.60mm, and 0.80mm Ø
- Includes a graduated depth stop

30% OFF**\$99.59**Order Code
136451401**PEL00797 - 5" LED MAGNIFIER LAMP****PRO-ELEC**

- Round glass lens with versatile swivel head
- On/Off switch
- Power consumption: 8W

20% OFF**\$78.12**Order Code
347262401**MP690D EU - SOLDERING IRON KIT****multicomp^{PRO}**

- Complete kit for immediate use
- Includes 3 soldering tips, easy to swap
- Includes a durable soldering iron stand

30% OFF**\$43.66**Order Code
471247401**MPT3.CP - SOLDERING AID TOOL****ideal-tek**

- PEEK polyetheretherketone reinforced with carbon fibre
- Very hard, rigid, high tensile and flexural strength, very high wear resistance
- High heat capability (260-300°C), good dimension stability, low thermal linear expansion coefficient

30% OFF**\$18.06**Order Code
125697201**D00123 - PLIERS SET****DURATOOL**

- A set of 3 of the most regularly used pliers
- Bi-material cushion grip handles
- Drop forged, heat treated steel

40% OFF**\$28.72**Order Code
136704001**16 50 145 SB - CABLE STRIPPING KNIFE**

- Ratchet function: Easy cutting even for a variety of cable sheaths
- Versatile blade with three cutting areas for round and lengthwise cuts
- Guide shoe protects the conductor insulation under the cable sheath

10% OFF**\$127.76**Order Code
441311501**1107 - SOLDERING IRON TIP****ANTEX**

- Tip diameter: 0.12mm
- Soldering iron tip
- Conical, 0.1 mm

30% OFF**\$9.29**Order Code
10851801**SFP-CH15 - SOLDERING IRON TIP**

- 1.5mm x 10mm (.06" x .39") size
- Maximum temperature: 790°F/421°C
- FR4/fibre glass for most standard applications

20% OFF**\$41.83**Order Code
116152601**POM-2246P-2-R - MICROPHONE****PULaudio**

- Pin type mounting
- 2.2Kohm impedance
- 2VDC operating voltage

10% OFF**\$2.07**Order Code
119301201**55-2971 - WOOFER WITH POLYPROPYLENE CONE AND RUBBER SURROUND****multicomp^{PRO}**

- External diameter - metric: 203mm
- Operating bandwidth: 50Hz ~ 6KHz
- Power handling capacity: 70W RMS

30% OFF**\$15.94**Order Code
282769401**2608577352 - DRILL BIT SET**

- Fast drilling rate for professionals because of new design
- Self-centring 'PointTeQ' drill bit enables simple and fast drilling
- Reduced friction and quick chip removal due to flute with oxide coating

20% OFF**\$58.70**Order Code
349824201**BOSCH**

ELECTROMECHANICAL

Innovation Meets Reliability. High-performance electromechanical components crafted for durability, precision, and seamless integration into complex systems.



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G3NA-210B DC5-24 - SOLID STATE RELAY

OMRON



- Rated input voltage range from 5VDC to 24VDC
- Rated output load is 10A at 24VAC to 240VAC
- Zero cross function

20% OFF

\$45.51

Order Code
118125901

SEM1600B - SIGNAL CONVERTER

STATUS INSTRUMENTS



- Suitable for load cell/strain gauge applications
- Universal current, bipolar voltage outputs
- (-7.5 to 7.50)mV/V range, 5V excitation

10% OFF

\$389.77

Order Code
244589801

GS100502 - HALL EFFECT SENSOR

ZE



- Sinusoidal vibration
- Anodised aluminum housing
- Operating temperature: -40°C to 125°C

10% OFF

\$50.86

Order Code
197173701

EC11B152442D - ROTARY ENCODER

ALPSALPINE



- Number of pulse/turn: 15
- Operating temperature range: -40°C to 85°C
- Ratings 10mA at 5VDC

40% OFF

\$5.14

Order Code
119173401

AQW210S - MOSFET RELAY

Panasonic INDUSTRY



- Controls low-level analogue signals
- Low-level off state leakage current
- 650mW power dissipation

20% OFF

\$9.45

Order Code
117573401

2455R--01000079 - THERMOSTAT SWITCH

Honeywell



- Operating temperature range: 0°C to 150°C
- Sensor housing: Flange mount
- Sensor terminals: Quick connect

20% OFF

\$44.90

Order Code
108220301

XALK178F - CONTROL STATION

Life Is On **Schneider Electric**



- Rated current is 3A at 240VAC
- Slow-break contact operation
- Trigger action type

45% OFF

\$226.92

Order Code
372927801

DIP24-1C90-51L - REED RELAY

Standex Electronics



- Dual In-Line IC compatible relay
- Available with dielectric strength 4.25VDC
- Product range: DIP series

40% OFF

\$12.48

Order Code
107945201

LH1540AT - MOSFET RELAY

VISHAY
The DNA of test



- Current limit protection
- High surge capability
- Clean bounce-free switching

20% OFF

\$5.99

Order Code
104553101

D7E-3 - TILT SENSOR

OMRON



- Product range: D7E series
- Sealing performance to IP67 degree of protection
- A tilt sensor is also provided in the lineup

45% OFF

\$16.53

Order Code
100761801

5202008 - RTD SENSOR

YAGEO
YAGEO Nexsens



- Temperature range: -50°C to 260°C
- Thread tip material: Stainless steel
- Protected IP69

20% OFF

\$14.55

Order Code
484590401

RT314F12 - RELAY

TE



- SPDT or SPST-NO contact configurations
- AC and DC coils available based on ordering
- Switching capacity of 12A or 16A at 250VAC based on versions

40% OFF

\$6.10

Order Code
117508301

OD1225-24HBIP69K - DC AXIAL FAN

- Fan frame size: 120mm x 38mm
- Bearing System: Dual Ball Bearings
- External depth: 25mm

20% OFF**\$55.20**Order Code
377016401**OA172SAPL-22-1TBIP55 - AC AXIAL FAN**

- Fan frame size: 172mm x 150mm x 38mm
- Fan frame type: Rectangular with rounded ends
- Bearing type: Ball bearing

10% OFF**\$101.28**Order Code
403514601**MFB40H12 - DC AXIAL FAN**

- Protected electrically against reverse polarity, blocking, and thermal overloading
- Temperature range: -40°C to 85°C
- 5500RPM rotor speed

20% OFF**\$18.47**Order Code
127196901**OD4010-24HB - DC AXIAL FAN**

- Fan frame size: 40mm x 10.5mm
- Fan frame type: Square
- Bearing type: Ball bearing

10% OFF**\$19.81**Order Code
403530401**GRM40-30 - FAN FILTER ASSEMBLY**

- OD4028 Series 40mm axial fans
- Fan frame size: 40mm
- Includes G40P guard

20% OFF**\$2.88**Order Code
403506601**A1259-MBT TC.GN - AC AXIAL FAN**

- UL94V-0 flammability rating
- 1400/1600RPM ±10% speed rating
- Operating temperature range: -10°C to 70°C

10% OFF**\$277.38**Order Code
118150301**OD1238-24HB - DC AXIAL FAN**

- Fan frame size: 120mm x 38mm
- Fan frame type: Square
- Bearing type: Ball bearing

20% OFF**\$46.65**Order Code
403526301**6398BG - HEAT SINK**

- Radial fins
- Quality extruded design
- PCB pins for secure mounting

30% OFF**\$17.29**Order Code
121347301**6442-BCCA-A000 - SWITCH ACTUATOR**

- Raised double D button
- Chrome finish button
- EN 60529 IPX2 protection

30% OFF**\$52.67**Order Code
10727201**WE'LL MAKE YOU A FAN****ORION FANS****BUILT TO MOVE AIR.
BUILT TO LAST.**

Orion Fans designs and manufactures thermal management solutions that move serious air, efficiently and reliably. From warehouses and manufacturing floors to distribution centers and agricultural spaces, our products are engineered to manage heat, control moisture, and support efficient operations year-round. Every Orion solution is built with durable components, precision controls, and a focus on long-term value. Airflow isn't just about cooling, it's about helping products, people, and processes perform better.

LEARN MORE AT ORIONFANS.COM

Explore the range
[nz.element14.com/
Connect53Orionfans](https://nz.element14.com/Connect53Orionfans)

76-9115/439088 - SWITCH

ITW Switches

- High dielectric strength
- Wide temperature range up to 80°C
- Robust construction for harsh environments

40% OFF**\$26.69**Order Code
10621101

SRL-5-D-D-2 - KEYLOCK SWITCH

LORLIN

- 5 disc lock type
- Product range: SRL series
- 750VDC (initial) proof voltage

40% OFF**\$10.86**Order Code
112367801

BZ-2RW82-A2 - MICROSWITCH

Honeywell

- Accepted world-wide standard large basic switch
- Low operating force and differential travel
- Long mechanical life up to 20000000 cycles at 95% survival

3% OFF**\$39.45**Order Code
126213501

OEP8000 - TRANSFORMER

OEP

- 4dB at 2kHz insertion loss
- -18dB at 200Hz to 4kHz return loss
- -89dB maximum distortion

45% OFF**\$9.44**Order Code
117234201

IBR3SAD100 - INDUSTRIAL PUSHBUTTON SWITCH

APEM
an IDEC company

- Snap-in and threaded bushing
- Compact and lightweight
- Behind-panel depth of 13mm

30% OFF**\$11.50**Order Code
108243601

SK12AAW01 - KEYLOCK SWITCH

NIKK
SWITCHES

- Break-before-make contact timing
- Short behind panel dimension - only 1.063" (27mm)
- High dielectric strength of 1500 volts between contacts

10% OFF**\$33.42**Order Code
118778001

MR210R5LBR - ROCKER SWITCH

APEM
an IDEC company

- 20mΩ maximum initial contact resistance
- 1000VAC for one minute dielectric strength
- Panel cutout diameter: 20mm

45% OFF**\$6.38**Order Code
108246101

78253/55VC - SMPS TRANSFORMER

muRata P+
Murata Power Solutions

- 300°C for 10 seconds peak wave solder temperature
- Frequency range: 500kHz
- Current rating: 200mA

10% OFF**\$5.96**Order Code
136240701

KJD17-21413-112 - INDUSTRIAL PUSHBUTTON SWITCH

E-SWITCH

- Guarded actuation, off-on function, 230V/60Hz voltage and frequency
- I/O vertical marking style, PVC cover and rubber gasket, black bezel colour, red/green actuator
- White marking colour, 100Mohm minimum insulation resistance at 500VDC

20% OFF**\$20.88**Order Code
405101601

V4NCT7 - MICROSWITCH

JOHNSON
ELECTRIC

- Contact configuration: SPDT
- Switching capacity of 5A at 250VAC
- Dimension: 20mm x 10.3mm x 6.4mm

40% OFF**\$2.47**Order Code
116260601

KSK-1A35-1520 - REED SWITCH

Standex
Electronics

- 10¹²Ω at 100V insulation resistance
- UL approval
- Switching voltage maximum: 200V

20% OFF**\$0.983**Order Code
107946701

44272 - PCB TRANSFORMER

myrra

- Power rating ranges: 0.6VA to 30VA
- Available in 117VAC and 230VAC primary voltages
- Secondary voltage ranges from 6VAC to 2 x 24VAC

30% OFF**\$11.69**Order Code
121460701

PT65503 - ROTARY SWITCH



- 100MΩ insulation resistance
- UL94V-0, high temperature thermoplastic base
- 10000 cycles durability

40% OFF**\$8.87**Order Code
108248801**APEM**
an IDEC company

RRS20F1ABLKBLKWH3NP -
ROCKER SWITCH

- Switch mounting: Panel mount
- Contact voltage VAC: 250V
- Switch operation: On-Off

20% OFF

\$4.19Order Code
474847101PVPB3WSR - SWITCH
ACCESSORY

- E-Switch PVB3 series
- LED illuminated options
- Wire length 140.0 [5.5 in]

30% OFF

\$2.50Order Code
469008501GDH04S04 - DIP / SIP
SWITCH

- Compact half pitch 1.27mm package
- Gold wiping contact system
- UL recognised

20% OFF

\$2.78Order Code
112395301RRS20F1ABLKREDNN1P -
ROCKER SWITCH

- w/ 100-125VAC lamp
- Contact voltage VAC: 250V
- Contact current AC maximum: 16A

20% OFF

\$4.76Order Code
474847401SA301649 - SWITCH
ACCESSORY

- Accessory type: Latching female connector
- 7 position
- For use with JC120 single axis joysticks

30% OFF

\$20.56Order Code
119154401TP32P0080 - PUSHBUTTON
SWITCH

- Process sealed
- Single piece case
- O-ring seal between actuator and bushing

30% OFF

\$7.85Order Code
108250801PVPB3WS3 - SWITCH
ACCESSORY

- E-Switch PVB3 series
- SPDT illuminated wired anti vandal switches
- Wire, 22 AWG AWM UL1007

30% OFF

\$2.04Order Code
469008201

NTC015WH01 - THERMISTOR



- 5ft cable
- IP68 rating
- 6mm diameter x 40mm length

20% OFF

\$29.27Order Code
94002101SPPH110300 - PUSHBUTTON
SWITCH

- Contact configuration: DPDT
- Contact voltage VDC: 30V
- Contact current DC maximum: 100mA

45% OFF

\$3.67Order Code
112386201

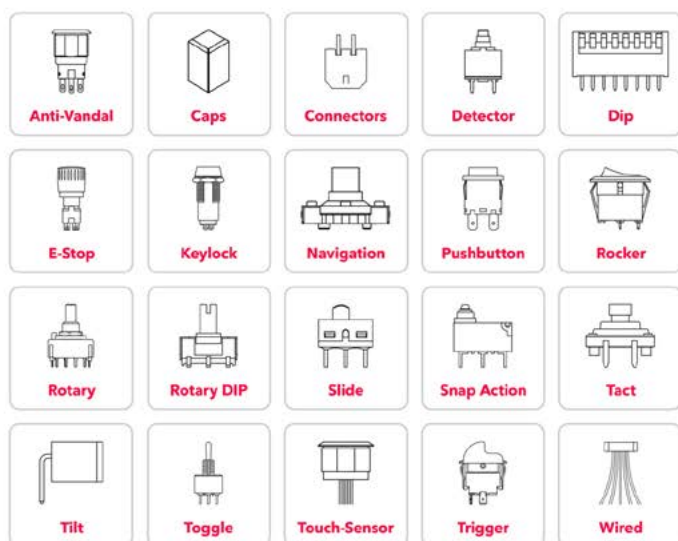
Providing premier electromechanical switches and integrated solutions since 1979.

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CP30233 - ADAPTER



- Audio video connector A: Display port receptacle
- Audio video connector B: Display port receptacle
- Product range: FT series

30% OFF

\$23.68

Order Code
435314401

UTG12AC - CABLE CLAMP



- Strain relief material: Plastic
- Product range: Souriau trim trio UTG
- Suitable for use with UTP and UTG series connectors

20% OFF

\$10.65

Order Code
10558101

205209-2 - D SUB CONNECTOR HOUSING



- UL94V-0 flammability rating
- Product range: AMPLIMITE HDP-20
- Connector type: D Sub

20% OFF

\$2.78

Order Code
105599001

280-681 - DIN RAIL MOUNT TERMINAL BLOCK



- Gray colour terminal block
- Dimension of terminal block: 28mm x 64mm x 5mm (H x L x W)
- Weight: 7.576g

50% OFF

\$5.66

Order Code
128344401

PSG01536 - AUDIO ADAPTER



- Convert from positions: 4
- Connector type B: socket
- Convert from gender: Receptacle

30% OFF

\$2.22

Order Code
128073201

GDM 3009 J BLACK - CIRCULAR DIN VALVE CONNECTOR



- Cable gland: PG 9
- Voltage rating maximum: 250V
- Current rating per contact maximum: 16A

30% OFF

\$8.15

Order Code
250410601

09 65 361 6712 - D SUB CONNECTOR



- Stamped contacts
- 4-40 UNC insert
- PL2 performance level

20% OFF

\$10.27

Order Code
109705801

UT00104PH6 - CIRCULAR CONNECTOR



- 96-hour salt spray
- Coupling style: Bayonet
- Connector body plating: Nickel

30% OFF

\$30.29

Order Code
100717001

88951-101LF - CONNECTOR



- Pitch spacing: 2mm
- UL94V-0 flammability rating
- 24 contacts

30% OFF

\$4.81

Order Code
109799801

BMC2AG - CONTACT



- Operating temperature range: -20°C to 125°C
- Average connection / disconnect (lbs): 3
- Contact retention force (lbs): 25

40% OFF

\$0.146

Order Code
136130901

FDE-9SBL2T2/1 - D SUB CONNECTOR



- 1000pF capacitance
- DIN class 2 performance level
- 5A current rating

20% OFF

\$48.73

Order Code
111415901

HR10-7R-6P(73) - CIRCULAR CONNECTOR



- M8x0.5 thread
- 10mΩ at 1A DC minimum contact resistance
- 1000MΩ at 100VDC minimum insulation resistance

3% OFF

\$15.25

Order Code
107770801

MP013877 - PHOTOVOLTAIC / SOLAR CONNECTOR **multicomp^{PRO}**



- 30A, 1500VDC rating, class A application
- UL94 V-0 flammability class, 4mm² cross sectional area
- Polyphenylene ether (PPE) housing material

40% OFF

\$4.45

Order Code
440628601

53398-1571 - PIN HEADER **molex**



- Friction lock
- Reliable terminal
- Polarised mating geometry

30% OFF

\$1.58

Order Code
112535801

MP015249 - PLUGGABLE TERMINAL BLOCK **multicomp^{PRO}**



- Connection method: push-in spring connection
- Conductor cross section (solid): 0.5 - 1.5 mm²
- Conductor cross section (flexible): 0.5 - 1.5 mm²

40% OFF

\$2.74

Order Code
457437701

B6251C1-NT3G-50 - RF / COAXIAL CONNECTOR **Amphenol[®] RF**



- Nickel-plated annealed copper crimp ferrule
- 500V RMS working voltage
- 1500V RMS dielectric withstanding voltage

40% OFF

\$3.92

Order Code
111129501

XHP-2 - CONNECTOR HOUSING



- Number of contacts varies from 2 to 16 pins
- 10mm pitch with 2 circuits and 5mm pitch with 6 circuit housings are also available
- Nylon 6, UL94V-0 material

45% OFF

\$0.047

Order Code
151626401

281695-5 - PIN HEADER **TE**



- Blue housing
- UL94V-0 flammability rating
- 3A contact current rating

30% OFF

\$1.23

Order Code
120598601

B6252HA-NPP3G-50 - RF / COAXIAL CONNECTOR **Amphenol[®] RF**



- Nickel-plated annealed copper crimp ferrule
- 500V RMS working voltage
- 1500V RMS dielectric withstanding voltage

30% OFF

\$6.42

Order Code
107629301

MP-13-01-3 TGZ RG174U - RF / COAXIAL CONNECTOR **multicomp^{PRO}**



- Nickel-plated body
- Shell: Zinc
- Body: Brass

40% OFF

\$6.45

Order Code
116971901

51021-1500 - CONNECTOR HOUSING **molex**



- Friction lock
- Reliable terminal
- Polarised mating geometry

10% OFF

\$4.26

Order Code
101224201

39-29-1068 - PIN HEADER **molex**



- Positive locking housing
- Polarised mating geometry
- Scoop-proof housings

20% OFF

\$1.29

Order Code
101216701

1-1478075-0 - RF / COAXIAL CONNECTOR **TE**



- BNC coaxial
- Right angle plug
- 50 ohm

30% OFF

\$20.14

Order Code
105625101

629722000214 - USB CONNECTOR **WURTH ELEKTRONIK**



- USB 2.0 standard
- Surface mount, through hole mount connector
- 10000 mating cycles durability

20% OFF

\$4.24

Order Code
414621201

PX0447 - USB SEALED CONNECTOR



- Plug and play capability
- Dust and waterproof to EN60529
- Dust and waterproof to DIN 40050-9



30% OFF

\$23.66

Order Code
122968701

**6320 02 - WIRE-TO-BOARD
TERMINAL BLOCK****Lumberg**
passion for connections

- M2.5 screw thread
- 3.4mm clearance
- 3.6mm creepage distance

20% OFF**\$0.714**Order Code
121180601**2170216T - MULTICORE CABLE****LAPP**

- CPR: Not yet qualified
- 100Ω impedance
- 1Mbps transmission rate

40% OFF**\$8.82**Order Code
117885801**9841NH.00305 - MULTIPAIR
CABLE****Belden**

- CPR: Dca-s2,d1,a1
- 120Ω impedance
- 14.5pF/ft conductor to conductor nominal capacitance

10% OFF**\$3,173.04**Order Code
189118101**AUDL-73-2M-AUDIO / VIDEO
CABLE ASSEMBLY****multicomp PRO**

- Spiral shield
- Cable length - imperial: 6.6ft
- Jacket colour: Black

45% OFF**\$6.54**Order Code
121936101**556-00141 TTDTHOUT
100MM-PET-BK - THERMAL
TRANSFER RIBBON****HellermannTyton**

- Printer brand: HellermannTyton
- Consumable type: Thermal transfer ribbon
- Black

10% OFF**\$413.09**Order Code
471982201**GC5041 - MULTICORE CABLE****multicomp PRO**

- CPR: Not yet qualified
- Modular flat telephone cable
- 4 stranded PACW (plain annealed copper wire) cores laid side by side (black, red, green and yellow)

40% OFF**\$51.71**Order Code
120260701**3302-40 - RIBBON CABLE****3M**

- CPR: Not yet qualified
- Stranded wire provides flexibility and extended product life
- Zippable for branching or discrete termination

45% OFF**\$32.54**Order Code
120742301**PX0446 - COMPUTER CABLE****bulgin**

- Lead with 5-way header
- Mates with PX0441 and PX0442 type cables
- IP68 rated

40% OFF**\$27.28**Order Code
122968601**RG58U BLACK 100M - RG58U
COAXIAL CABLE BLACK 100M****PRO-POWER**

- Stranded copper conductors
- Solid polyethylene dielectric
- 64-strand copper braid

30% OFF**\$93.87**Order Code
349844101**8C ALARM BLACK 100M -
MULTICORE CABLE****PRO-POWER**

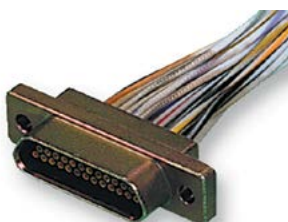
- Cable shielding: Unscreened
- PVC insulation and jacket material, 1mm ±0.1mm insulation diameter
- Reel length (imperial): 328ft

30% OFF**\$125.69**Order Code
258039701**44A0111-20-9 - WIRE****TE**

- Single primary wire
- Tin coated copper conductor
- Unshielded & unjacketed cable

40% OFF**\$244.25**Order Code
13487901**59990252 - EARTH STRAP****PRO-POWER**

- Earth bonding strap with circular tinned copper braid leads
- Integral lug terminations at both ends
- Cable length - metric: 250mm

30% OFF**\$16.88**Order Code
10876701**DCCM9P6E518.0B - MICRO D CABLE
ASSEMBLY**

- 18" lead length (stranded wire only)
- Aluminium shell provides extra strength and EMI/RFI shielding capability
- 3A maximum current rating

**cinch**
CONNECTIVITY SOLUTIONS
a bel group**5% OFF****\$85.13**Order Code
111416301



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V320LA40BP - TVS VARISTOR



- Energy absorption capability (WTM) up to 360J
- Wide operating voltage range: VM(AC)RMS 130 to 1000V
- No derating up to 85°C ambient

40% OFF

\$0.87

Order Code
105715001

YC164-FR-0715KL - FIXED NETWORK RESISTOR



- 4 × 0603 standard package
- Maximum working voltage: 50V
- Power rating is 1/16W at 70°C

45% OFF

\$0.068

Order Code
108651601

FKP2D004701D00JSSD - GENERAL PURPOSE FILM CAPACITOR



- Pulse duty construction
- Very low dissipation factor
- Negative capacitance change versus temperature

30% OFF

\$0.349

Order Code
100598801

B32924C3225M000 - SAFETY CAPACITOR



- Very small dimensions
- Self-healing properties
- Halogen-free

45% OFF

\$1.98

Order Code
111284901

YR1B825RCC - THROUGH HOLE RESISTOR



- Excellent stability under load and severe environmental conditions
- Exhibit very low noise current and voltage coefficients
- Operating temperature range: -65°C to 155°C

45% OFF

\$0.888

Order Code
108324201

RK09K1130BGM - ROTARY POTENTIOMETER



- Single unit or dual unit resistor element
- Flat knob and screw driver type shafts available
- Length of the shaft varies from 15mm to 30mm

45% OFF

\$1.68

Order Code
119172401

RXEF030 - RESETTABLE FUSE



- Fast time to trip
- Low resistance
- UL, CSA and TUV approved

30% OFF

\$0.518

Order Code
117586101

SR211A470JAR - MULTILAYER CERAMIC CAPACITOR



- Rated voltage of 50VDC, 100VDC and 200VDC
- Capacitor case / package: Radial leaded
- Product range: SkyCap SR series

40% OFF

\$0.622

Order Code
110050301

3306P-1-101 - TRIMMER



- Trimmer type: Single turn
- Element material: Cermet
- Product range: 3306 series

30% OFF

\$0.613

Order Code
10823401

UCR10CEWPFSR011 - SMD CURRENT SENSE RESISTOR



- UCRC Series
- 0805 [2012 Metric]
- Metal shunt

40% OFF

\$0.415

Order Code
483569201

NTCLE203E3103GB0 - THERMISTOR



- Accurate over a wide temperature range
- High stability over a long life
- Excellent performance ratio

30% OFF

\$1.37

Order Code
118703601

A7C0MS337M1VAAS020 - HYBRID ALUMINIUM ELECTROLYTIC CAPACITOR



- Capacitance value is 330µF with ±20%
- 0.02ohm ESR
- 4000 hours at 125°C of long life under full electrical stress

40% OFF

\$0.659

Order Code
479341001

THE DESIGN OF POSSIBILITY: FROM CONCEPT TO CONNECTED SOLUTIONS

Author:

element14 Technical Marketing Team

The landscape of electronic design is witnessing an unprecedented transformation. As we enter 2026, the global development board market is projected to be valued at USD 1.5 billion, with a steady 10.2% CAGR driven primarily by the explosion of Edge AI and Industrial IoT (IIoT). Statistics reveal that nearly 84% of OEMs reported reusing software bundled with development kits in their end products, and up to 44% said they have procured development kits in place of a custom PCB in certain builds.

This data highlights that for design engineers operating under compressed schedules, expanding functional requirements, and stringent certification mandates, development kits are no longer convenient tools; they are pillars of professional-grade production.

The Evolution of Modular Agility

The embedded landscape has evolved toward highly integrated silicon, compact form factors, and software-defined functionality. Today's systems combine wireless connectivity, edge AI, advanced sensing, and efficient power conversion, favouring low-cost integration and modularity.

Designing hardware from discrete components such as RF sections, power supplies, and sensor interfaces, adds significant engineering effort before the main functionality is even validated and proven. Development and prototyping kits alleviate this by delivering validated hardware, pre-integrated subsystems, and production-grade reference designs that enable rapid proof-of-concept validation.

Development kits are essential foundations for design engineers, offering several key advantages:

- **Accelerated Time-to-Market:** Pre-validated hardware, reference designs, and ready-to-use firmware significantly reduce prototyping cycles and compress product development timelines.
- **Risk Mitigation:** Vendor-certified reference layouts eliminate common signal integrity, thermal, and EMI pitfalls during the critical prototyping phase.

- **Ecosystem and Software Enablement:** Bundled SDKs, middleware, drivers, and debugging tools streamline hardware-software integration and simplify system validation.
- **Cost-Effective Evaluation and Scalability:** These kits enable performance benchmarking and architecture validation before full production investment, optimising BOM decisions and long-term scalability.

Prototyping with Purpose: The Strategic Choice

Why do engineers go for a ready-to-use solution instead of building from scratch in the prototyping phase? The answer is simple: the Cost of Delay. Engineers prefer development kits because they compress the iteration cycle. Instead of spending weeks stabilising clock trees or debugging EMI in early prototypes, teams can evaluate computer performance, sensor accuracy, wireless throughput, and power efficiency immediately. Board support packages, middleware stacks, RTOS integration, and cloud connectors are typically bundled, reducing firmware bring-up time. Pre-certified RF modules further simplify regulatory pathways for wireless products, lowering compliance risk in markets such as smart home, IIoT, and healthcare.

A World of Versatile Applications

The kit-centric methodology has expanded the 'Design of Possibility' across multiple application domains. In IIoT and connected appliances, engineers prototype smart thermostats, lighting controllers, and predictive maintenance nodes using integrated MCU and connectivity boards. Robotics and drones use heterogeneous compute platforms for sensor fusion, motor control, and computer vision acceleration. Healthcare devices integrate biosensors with secure Bluetooth links for wearable monitoring. AR/VR systems depend on low-latency sensor input and optimised edge processing. Even 3D printing and additive manufacturing platforms benefit from rapid control-loop experimentation enabled by modular development hardware.

The Interoperability Standard: Decoding the Multi-Protocol Ecosystem

A 'connected solution' is defined by its ability to communicate securely and efficiently. Protocols such as Matter, Zigbee, Thread, Wi-Fi, and Bluetooth Low Energy enable secure, interoperable device communication across home, enterprise, and industrial environments. Implementing these stacks from scratch requires RF expertise, knowledge of protocol certification, and robust security architecture. Development platforms simplify much of these complexities, allowing engineers to focus on application logic, user experience, and system optimisation rather than low-level radio tuning.

Innovation is Accelerating Growth

Technological advances made by leading semiconductor suppliers continue to expand the boundaries of the 'Design of Possibility'. STMicroelectronics integrates ART Accelerator™ technology into its STM32 MCUs, enabling zero-wait-state Flash execution and improved real-time performance without increasing clock speed – making them ideal for motor control, industrial automation, and responsive HMI. Similarly, compact sensing platforms such as the Nicla Sense from Arduino integrate multiple environmental and motion sensors into a miniature form factor, accelerating condition monitoring and wearable designs.

For high-speed vision systems, ADI's Gigabit Multimedia Serial Link (GMSL) supports robust long-distance video transmission in automotive and industrial cameras. Secure, scalable compute is enabled by PolarFire SoC devices from Microchip Technology, which combine FPGA fabric with RISC-V cores. Meanwhile, the Synergy Platform from Renesas Electronics unifies MCU hardware with middleware and RTOS support, reducing integration complexity and accelerating time-to-deployment.



AMD Versal adaptive SoCs built for AI, machine learning & 5G



Microchip's PolarFire SoCs for secure AI, ML & networking systems



Renesas Synergy platforms for IoT and embedded systems



Arduino Nicla series for Edge AI, vision and environmental sensing



Architectural Synergy: Harmonising Hardware and Software

Modern development kits are cohesive ecosystems composed of unified hardware, IDEs, middleware, AI model libraries, and secure boot frameworks. This validated integration establishes a Root of Trust and provides a hardware abstraction baseline. By incorporating hardware abstraction layers, connectivity stacks, and AI toolchains, these platforms enable system-level optimisation, architectural validation, and performance tuning before the team commits to custom production hardware.

DevKit HQ: Meeting all your Engineering Requirements

To streamline discovery and evaluation in this rapidly expanding ecosystem, element14 has developed the DevKit HQ platform. A centralised resource hub with consolidated development boards, evaluation kits, and reference tools across leading semiconductor suppliers. This platform has several advantages for design engineers and hobbyists, along with reducing search friction and shortening evaluation cycles. Some of them are:

- Design resources & Schematics: Instant access to BOMs and high-resolution design files.
- Documentation: Easy access to datasheets, user manual, application/technical notes.
- Certifications: Guidance on meeting global regulatory standards.
- Technical Content: A curated library of Element 14 community resources, technical and How-To articles, unboxing videos, learning tutorials, webinars, and whitepapers.
- Product Knowledge: Product description, application, features, comparison, flyers, and presentation to choose between different products belonging to the same family based on the application and budget requirements.

Conclusion: Engineering the Next Breakthrough

'The Design of Possibility' is a journey from an abstract idea to a tangible, connected reality. From edge AI nodes to connected medical devices and industrial automation systems, the pathway from concept to deployment is increasingly modular, interoperable, and ecosystem-driven. Development kits serve as the escalator to this transformation by reducing risk, accelerating validation, and empowering engineers to focus on differentiation.

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HDSP-7513 - 7 SEGMENT LED DISPLAY

BROADCOM
connecting everything



- Low power consumption
- Industry standard size
- Industry standard pin-out

40% OFF

\$4.07

Order Code
100328101

BS170 - N CHANNEL MOSFET

onsemi



- Voltage controlled small signal switch
- Rugged and reliable
- High saturation current capability

45% OFF

\$0.274

Order Code
101768701

RTF-1090 - LED HOUSING, BLACK

Kingbright



- External diameter of 16mm
- External length of 18mm
- Holder color is black

50% OFF

\$2.23

Order Code
121723801

BC847CW,115 - TRANSISTOR

nexperia



- Collector-base breakdown voltage is 50V min at IC=100µA; IE=0A, Tamb=25°C
- Collector-emitter breakdown voltage is 45V min at IC=2mA; VBE=0A, Tamb=25°C
- Emitter-base breakdown voltage is 6V min at IC=0A; IE=100µA

50% OFF

\$0.255

Order Code
108123601

HLMP-3401 - LED

BROADCOM
connecting everything



- High intensity
- Wide viewing angle
- General purpose leads

45% OFF

\$0.411

Order Code
100321301

SPB20N60C3ATMA1 - POWER MOSFET

Infineon



- New revolutionary high voltage technology
- Extreme dV/dt rated
- High peak current capability

40% OFF

\$4.83

Order Code
105654101

L5970D - DC-DC SWITCHING (STEP DOWN) REGULATOR

ST



- 3.3V(±2%) reference voltage
- Operating input voltage: 4.4 to 36V
- 100% duty cycle low dropout operation

20% OFF

\$3.32

Order Code
107714101

MCP3208-CI/SL - ANALOGUE TO DIGITAL CONVERTER

MICROCHIP



- Resolution is 12bits typ (VDD = 5V, VSS = 0V, VREF = 5V, TA = -40°C to +85°C)
- Differential nonlinearity is ±0.5LSB typ (no missing codes over-temperature, TA = -40°C to +85°C)
- Integral nonlinearity is ±2LSB max (VDD = 5V, VSS = 0V, VREF = 5V, TA = -40°C to +85°C)

20% OFF

\$4.25

Order Code
108427001

ICM7228AIPZ - LED DISPLAY DECODER DRIVER

RENESAS



- Improved 2nd source to Analog Devices ICM7218
- Fast write access time of 200ns
- Multiple microprocessor compatible versions

20% OFF

\$32.08

Order Code
101816801

GBU8B - BRIDGE RECTIFIER

onsemi



- 200A peak surge overload rating
- 70V maximum RMS bridge input voltage
- Operating junction temperature range: -55°C to 150°C

40% OFF

\$3

Order Code
101770201

CS45-16IO1 - THYRISTOR

IXYS



- Planar passivated chip
- Long-term stability of blocking currents and voltages
- Average on state current: 48A

20% OFF

\$10.26

Order Code
108011301

FQP45N15V2 - POWER MOSFET

onsemi



- 100% avalanche tested
- 72nC typical low gate charge
- 135pF typical low Crss

40% OFF

\$3.83

Order Code
109506601

LM335Z - TEMPERATURE SENSOR

- Directly calibrated in °K
- 1°C initial accuracy
- Less than 10mΩ dynamic impedance

40% OFF**\$0.427**Order Code
109425101**A1101EUA-T - HALL EFFECT SWITCH**

- AEC-Q100 qualified, voltage output, supply voltage range from 3.8 to 24V
- 1D magnetic sensing dimension, unipolar - south pole direction
- Release point is 45G typ (TA = 25°C), operate point is 100G typ (TA = 25°C)

20% OFF**\$1.87**Order Code
119807801**ISL55110IVZ - DUAL MOSFET DRIVER IC**

- 6ns minimum pulse width
- Low skew
- In-phase outputs

30% OFF**\$3.33**Order Code
136100201**L000925-05 - INTERNAL ANTENNA**

- Low-power, wide-area (LPWA) applications
- Internet of Things (IoT) devices
- Smart home networking

20% OFF**\$4.17**Order Code
483397801**DG444DYZ - SWITCH**

- Low charge injection
- TTL/CMOS compatible
- Single or split supply operation

30% OFF**\$3.28**Order Code
120154701**RMB4S-E3/45 - BRIDGE RECTIFIER**

- UL94V-0 flammability rating
- Saves space on printed circuit boards
- Ideal for automated placement

45% OFF**\$1.16**Order Code
133650401**HLMP-4719-A00B2 - LED, YELLOW, THROUGH HOLE, T-1 3/4 (5MM)**

- Low power
- High efficiency
- CMOS-MOS compatible

40% OFF**\$1.67**Order Code
100337801**SFH 4248B - INFRARED EMITTER**

- Compact. Reliable. Efficient.
- Automotive-ready
- Access control & security
- In-cabin sensing

40% OFF**\$0.842**Order Code
483902901**HA3-2525-5Z - OPERATIONAL AMPLIFIER**

- 200ns fast settling
- 10nA low offset current
- Compensation pin for unity gain capability

20% OFF**\$21.81**Order Code
101816001**MPXH6400AC6T1 - PRESSURE SENSOR**

- 1.5% maximum error over 0 to 85°C
- Improved accuracy at high temperature
- Fully calibrated and compensated

20% OFF**\$22.30**Order Code
138060501**5.0SMDJ12A-R - TVS DIODE**

- Unidirectional
- Peak pulse power: 5000 watts
- Portable communications

45% OFF**\$3.10**Order Code
481481401**BZX84B20-AQ - ZENER SINGLE DIODE**

- Zener voltage nom: 20V
- Surface mount
- 3 pins

50% OFF**\$0.17**Order Code
484093601**ADUM1255ASA+ - DIGITAL ISOLATOR**

- No. of channels: 2 channels
- Supply voltage min: 2.25V
- No. of pins: 8 pins



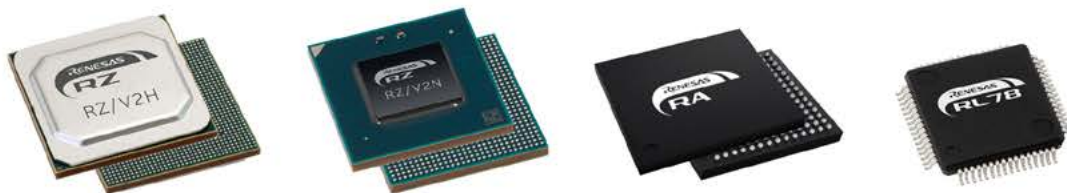
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30% OFF**\$4**Order Code
484288801



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A broad selection of high-performance, high-precision MCUs and MPUs from Renesas Electronics—built for smarter, more efficient agriculture.



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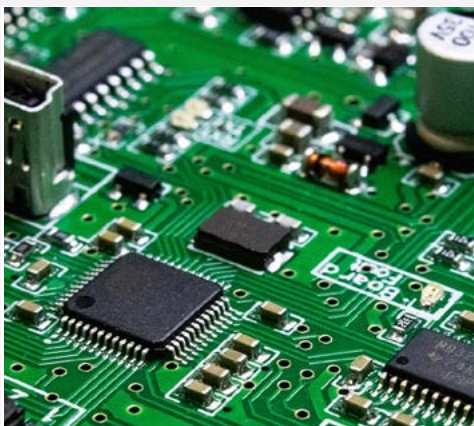


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972355100 - BANANA TEST CONNECTOR



- 4 mm safety system
- PA housing material
- AC/DC 1000 V rated voltage (I)

40% OFF

\$4.70

Order Code
101140701

23.0050-22 - BANANA TEST CONNECTOR



- Current rating: 10A
- Voltage rating: 60V
- Contact plating: gold plated contacts

45% OFF

\$57.24

Order Code
108546601

21032811405 - SENSOR CONNECTOR



- Robust design
- 4A current
- 50V rated voltage

20% OFF

\$58.48

Order Code
116164901

72-7780 - DIGITAL MULTIMETER



- CAT III 600V safety rating
- 10 measurement functions
- Manual selection with auto ranging

20% OFF

\$90.07

Order Code
245066201

66.9328-21 - BANANA TEST CONNECTOR



- Spring-loaded MULTILAM
- Current rating: 32A
- Voltage rating: 600V

40% OFF

\$14.61

Order Code
108485201

972354100 - BANANA TEST CONNECTOR



- 4 mm safety system
- Sockets
- AC/DC 1000 V rated voltage (I)

40% OFF

\$7.15

Order Code
101140101

930058100. - BANANA TEST CONNECTOR



- Category I measurement according to IEC 61010 standard
- -25 to +70°C rated temperature range
- PVC-P housing

40% OFF

\$10.80

Order Code
125651701

72-10495 - POWER SUPPLY



- Linear power supply
- Output terminals designed for banana plugs
- Intelligent temperature controlled fan

30% OFF

\$269.63

Order Code
225194701

22.1004 + 22.2030-21 - BANANA TEST CONNECTOR



- Current rating: 10A
- Connector mounting: cable mount
- Voltage rating: 60V

30% OFF

\$15.36

Order Code
108549001

934100102 - BANANA TEST CONNECTOR



- 4 mm system
- PA housing material
- 24 A rated current

40% OFF

\$6.65

Order Code
101142501

FCR7370G - BANANA TEST CONNECTOR



- 1KV CAT III - 10A rated
- Operating temperature: -10°C to +60°C
- Gold plated shrouded socket

30% OFF

\$10.05

Order Code
480243201

CT2147-100-0 - BANANA TEST LEAD



- Polyamide body and brass with nickel plated contact
- Meets IEC 61010-031 safety specifications
- Voltage rating: 600VAC

3% OFF

\$24.93

Order Code
483561301

GDM-8341 - BENCH DIGITAL MULTIMETER**GW INSTEK**

- 50,000 counts, VFD display
- Dual measurement/dual display
- Auto/manual ranging

20% OFF**\$767.02**Order Code
246024801**300 - ALLIGATOR CLIP****ABBATRON**

- Standard alligator clip
- Finish: bright tin-plated steel
- Material: steel

20% OFF**\$1.29**Order Code
120470101**MP-881110-BLACK - CROCODILE CLIP****multicomp PRO**

- Nickel plated steel contact
- PVC insulation material
- Current rating: 1A

40% OFF**\$3.17**Order Code
116960401**72-9400A - INSULATION TESTER****multicomp PRO**

- 2000 count LCD backlit display
- Alarm light display and buzzer
- Auto ranging

20% OFF**\$114.59**Order Code
249951801**72-2690 - DC POWER SUPPLY****multicomp PRO**

- Simple linear design provides reliability, low noise and low cost
- 230V $\pm 10\%$ / 50Hz, 110V, 220V $\pm 10\%$ / 60Hz AC input voltage
- 0-30V output voltage range

30% OFF**\$133.86**Order Code
256398201**930317801 - CROCODILE CLIP****HIRSCHMANN Test & Measurement**

- 2 mm system
- Crocodile clips
- 2 mm socket connection

30% OFF**\$2.18**Order Code
101142101**TA189 30A CURRENT PROBE - CURRENT PROBE****pico Technology**

- Frequency range DC to 100kHz(0.5dB)
- CAT III 300V safety category
- $\pm 0.01\%$ of reading/ $^{\circ}\text{C}$ gain variation

5% OFF**\$932.02**Order Code
246022401**MS2-100 - CABLE VERIFIER****FLUKE networks**

- Operating temperature range: 0°C to 45°C
- Dimension (with batteries installed and wiremap adapter attached) is 76mm x 163mm x 36mm
- Wire map, length, cable ID, distance to fault on one screen

\$1,691.67Order Code
146743001**DMM6500 - BENCH DIGITAL MULTIMETER****KEITHLEY**
A Tektronix Company

- 15 measurement functions including capacitance, temperature, and digitising
- LED backlight
- Large internal memory store up to 7 million readings

2% OFF**\$3,342.34**Order Code
284044701**930120000 - CROCODILE CLIP****HIRSCHMANN Test & Measurement**

- 4 mm system
- Crocodile clips
- Unsprung socket 4 mm, solder connection

40% OFF**\$1.85**Order Code
101140001**TA167 - CURRENT PROBE****pico Technology**

- Nominal current of 2000A AC peak or DC
- Overload capacity of 2200A (60s)
- Output sensitivity of 10/1mV/A

5% OFF**\$516.45**Order Code
239285101**930166100 - BINDING POST****HIRSCHMANN Test & Measurement**

- 4 mm system
- 32 A rated current
- M6 thread, solder connection

45% OFF**\$16.38**Order Code
117643101**001-1007-040FB9 - TERMINAL**

- Overall length: 13.1mm
- Length - below flange: 5.3mm
- Feed through, miniature

20% OFF**\$9.80**Order Code
134779701**cannon**

FLUKE-115 - AU - DMM

FLUKE

- Maximum voltage (between any terminal and earth ground) is 600V rms
- Easy one-handed operation of the meter
- 9 volt alkaline, IEC 6LR61 battery

3% OFF

\$400Order Code
441038201

ESR70 - ESR METER

PEAK
electronic design ltd

- Measures capacitance and ESR
- Automatically starts analysis when the ESR70 is connected
- Audible alerts with different tones for various ESR levels

10% OFF

\$205.92Order Code
291787801

TBS1052C-EDU - DIGITAL OSCILLOSCOPE

Tektronix

- 7inch WVGA colour display with 15 horizontal divisions that shows 50% more signal
- 32 automated measurements, small footprint and light weight
- Dual window FFT with simultaneous time and frequency domain views

\$741.35Order Code
462673501

72-10465 - LCR METER

multicomp PRO

- LCR automatic identification/manual measurement
- 9V battery (6F22) or USB powered
- Relative mode and tolerance sorting

20% OFF

\$270.54Order Code
266718401

72-13210 - DC ELECTRONIC LOAD

multicomp PRO

- Battery test, automatic test, OPP test, OCP test functions
- Dynamic mode up to 10kHz
- Resolution of voltage and current 0.1mV/0.1mA

30% OFF

\$446.55Order Code
284840701

MP720011 EU-UK - DIGITAL STORAGE OSCILLOSCOPE

multicomp PRO

- Large 7" high resolution LCD display (800x480)
- Friendly UI interaction - easy-accessible operation menu ensures users retrieve results conveniently
- Windows extension facilitates the observation of abnormal signal from full waveforms

20% OFF

\$415.89Order Code
310757001

D03124 - DIGITAL MULTIMETER

DURATOOL

- 3½ digit, 2000 count LCD display with backlight
- AC/DC voltage, AC/DC current, resistance and frequency measurement
- Diode and continuity test functions

10% OFF

\$27.93Order Code
321263501

VDV II - NETWORK CABLE TESTER KIT

TREND NETWORKS

- Performs standard tests for copper cabling
- Coax (F-type), 6 pin (RJ11/12) and 8 pin (RJ45) connectors
- Analogue tone generator

10% OFF

\$379.34Order Code
422094401

MP720780 - HAND HELD OSCILLOSCOPES

multicomp PRO

- Digital multimeter function offers 4½ digits and V, A, ohm, farad, diode, continuity testing modes
- 250MSa/s sample rate
- Sample & peak detect acquisition model

20% OFF

\$233.65Order Code
370326301

ESR70 - ESR+ CAPACITANCE AND ESR METER

PEAK
electronic design ltd

- 10x faster capacitance measurement for large capacitors
- Enhanced user options system
- New triple-slope measurement system to vastly reduce the influence of parallel resistance and/or leakage current on capacitance measurements

10% OFF

\$190.25Order Code
349855801

TEN01053 - DIGITAL INSULATION & CONTINUITY TESTER

TENMA

- Large LCD, dual display with backlight
- 250V/500V/1000V test voltage selection for MR testing
- AC/DC voltage measurement, low R function for testing connections

20% OFF

\$197.17Order Code
337531901

PSG04174 - SOLAR POWERED WEATHER STATION

PRO-SIGNAL

- Displays radio-controlled, 12/24 hour time and date
- Indoor/outdoor humidity and temperature
- Wind speed, direction, chill and dew point

10% OFF

\$127.06Order Code
347918801

PRTRP01 - RTD SENSOR



- Measured temperature min: -50°C
- Measured temperature max: 150°C
- RTD type: component with leads

10% OFF

\$30.48Order Code
484567601**T M E**
TECHNOLOGY IN TEMPERATURE

10HA084 - TEST LEAD



- Lead length - imperial: 36"
- Lead length - metric: 914mm
- Test connector type B: hook clips x 2

10% OFF

\$11.58Order Code
100302401

72-6530 - TEST PROBE CONNECTOR



- Positive polarity
- Resolution 1KV
- Input impedance: 600MΩ

20% OFF

\$230.62Order Code
380311901

011-2049-040FB9 - TERMINAL



- Operating temperature range: -100°C to +250°C
- Length - below flange: 3.4mm
- Overall length: 13.7mm

5% OFF

\$7.72Order Code
134779501

934160101 - TEST LEAD



- Pin (spring loaded) and socket (spring loaded) contact
- 70mΩ contact resistance
- PVC cable material

20% OFF

\$6.73Order Code
121246701

930176100 - BINDING POST



- 60VDC rated voltage
- 32A rated current
- PF housing material

45% OFF

\$15.95Order Code
117642801

011-1409-041609 - TERMINAL



- Peak voltage rating: 2000V
- Length - below flange: 3.94mm
- Overall length: 17.55mm

20% OFF

\$7.18Order Code
134779801

MP770519 - TEST LEAD SET



- 1KV and 10A rating for high-voltage and high-current applications
- Includes color-coded leads
- Durable and flexible insulation

20% OFF

\$41.02Order Code
349049201

04.0057 - PLUG CONNECTOR



- 6mm diameter
- 20mm length
- 3Nm maximum tightening torque

40% OFF

\$18.45Order Code
108550601

PICOSCOPE 2204A-D2 - PC USB OSCILLOSCOPE



- 8KS capture memory, 100KHz AWG bandwidth, 35ns rise time
- 8 bit resolution
- Automatic measurements, serial decoding, persistence displays, mask limit testing, spectrum analysis

3% OFF

\$250.25Order Code
243291401

THE DESIGN OF POSSIBILITY

FROM CONCEPT TO CONNECTED SOLUTIONS



Every great invention starts with a single idea. Sometimes it's small, sometimes it's bold, but it always begins with **curiosity**. In this **Connect 53rd Edition**, we explore how those first sparks of imagination can grow into connected solutions that make a real impact.

This issue reflects our continued commitment to supporting the engineering and creative community by sharing quality technologies, new products, insights, and opportunities to help you move forward with confidence.

Warm regards,

Kiran Kaur

Regional Sales Manager
Australia and New Zealand

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EE-SX1140 - PHOTO INTERUPTER

OMRON



- Operating temperature range: -25 to 85°C
- Supply voltage min: 2.2V
- Sensing range max: 14mm

10% OFF

\$4.55

Order Code
134895801

PS1031 - REED SWITCH

TE



- Change over switch
- Fully encapsulated
- Surface mounted by fixing screws

20% OFF

\$24.11

Order Code
100678401

IPR1SAD2LOS - INDUSTRIAL PUSHBUTTON SWITCH

APEM
an EPC company



- Compact design, behind-panel depth less than 20mm
- 12mm bushing diameter
- 100mΩ initial contact resistance

40% OFF

\$47.77

Order Code
108244401

AQB0109 - SWITCH CAP

**mec
SWITCHES**



- Operating temperature range: -40 to 85°C
- 2000000 operations sealing life time
- IP67 protection rating

40% OFF

\$7.86

Order Code
113297101

CX240D5 - SOLID STATE RELAY

Sensata • Crydom



- Ratings of 5 A @ 660 VAC
- SCR output for heavy industrial loads
- CE compliant to EN60950-1

20% OFF

\$30.79

Order Code
120021301

2455R--01000077 - THERMOSTAT SWITCH

Honeywell



- Operating temperature range: 0°C to 150°C
- Sensor housing: flange mount
- Product range: 2455R series

20% OFF

\$37.11

Order Code
108219601

76-9410/439088R - INDUSTRIAL PUSHBUTTON SWITCH

ITW Switches



- Impact resistant and panel sealed to IP67
- Constructed from NCB481/1965 approved non-sparking zinc alloy
- Contact voltage VAC 250V

40% OFF

\$46.12

Order Code
10928201

FLS801-51 - LEVEL SENSOR

TE



- Side entry
- Glass filled polypropylene housing
- Charcoal housing

5% OFF

\$35.54

Order Code
100678001

MK03-1A66B-500W - REED SWITCH

**Standex
Electronics**



- High power switches
- 66 switch model
- 10 to 15 pull-in AT magnetic sensitivity

3% OFF

\$5.08

Order Code
107947601

T23B060ASR2-15 - THERMOSTAT SWITCH

multicomp



- 100MΩ at 500VDC minimum insulation resistance
- Sensing cap: aluminium
- Actuating pin: ceramic

40% OFF

\$2.09

Order Code
100685201

5202006 - RTD SENSOR

YAGEO
YAGEO Nexsens



- RTD type: component with leads
- RTD accuracy: class F 0.3
- Measured temperature min: -50°C

20% OFF

\$14.55

Order Code
484590501

5.46.167.050/0209 - SWITCH ACTUATOR

RAFI



- For use with: RACON
- Product range: RACON series
- 4.7mm plunger

30% OFF

\$0.716

Order Code
114207901

G9KC-4A DC12 - POWER RELAY

- Standard type, 4PST-NO (4a) contact form
- Flux protection enclosure rating, PCB terminals shape, 12VDC rated coil voltage
- Approx. 417mA rated current, 28.8 ohm coil resistance, 75% max must operate voltage

10% OFF**\$66.07**Order Code
441574101**1393277-4 - AUTOMOTIVE RELAY**

- Limiting continuous current of 45A
- For high current version refer to Power Relay K-S
- Single contact type

3% OFF**\$8.72**Order Code
102402101**DMS-20PC-0/5-24RL-C - PROCESS METER**

- DIP-switch selectable range and decimal points
- 100kΩ high input impedance
- Hundreds of different input/readout combinations

10% OFF**\$156.02**Order Code
133935201**DX08WY012B - LED PANEL MOUNT INDICATOR**

- Product range: DX series
- IP / NEMA rating: IP67
- Operating voltage: 12V

30% OFF**\$12.68**Order Code
474509601**HF115F/012-1ZS1AF - POWER RELAY**

- Coil voltage: 12 VDC
- Contact arrangement: SPDT (1 Form C)
- Contact rating: 12 A at 250 VAC (resistive load)

30% OFF**\$3.30**Order Code
473335801**SRF-1C-SL-24VDC - RELAY**

- Fully sealed enclosure
- 500VAC for one minute dielectric strength (coil to contact)
- 200mW high sensitivity coil

30% OFF**\$2.71**Order Code
109401001**559-2101-007F - LED PANEL MOUNT INDICATOR**

- Uniform illumination
- IC compatible
- UL94V-0 flammability rating

45% OFF**\$2.53**Order Code
113831601**MM28 - MINIATURE MOTOR**

- Brushed DC motor type, 6VDC supply voltage
- 9600 RPM max rotational speed, 20g-cm max torque
- Operating range: 3VDC to 6VDC, 0.99A current (maximum efficiency)

30% OFF**\$2.57**Order Code
59912801**V23061B1005A301 - RELAY**

- PCB terminal type
- Ambient temperature range: -40 to 85°C
- Mounting : through hole

30% OFF**\$4.06**Order Code
102395801**DMS-20PC-1-DCM-C - VOLT METER**

- 2-wire self powered
- 0.37" height red LED display
- Super reliable, epoxy-encapsulated construction and polycarbonate case

10% OFF**\$98.71**Order Code
121540801**19010251 - LED PANEL MOUNT INDICATOR**

- Operating temperature range: -25°C to +60°C
- 10% voltage tolerance
- Mounting hole diameter: 8mm

40% OFF**\$6.63**Order Code
113948201**9904-120-18105 - DC MOTOR**

- Coreless rotor design for smooth, cog-free operation
- High-strength magnets for maximised performance
- Coreless design means no iron loss and higher efficiency compared to iron-core motors

10% OFF**\$110.11**Order Code
14787501**70-065-65/2A - FUSE**

- Suitable for semiconductor protection, industrial electronics, safety circuits and more
- 300mV maximum voltage drop
- Voltage rating: 500V AC (up to 415 V AC typical)

**45% OFF****\$1.99**Order Code
117514101

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ASM-1900147-21 - RPI TOUCH-SCREEN CASE

multicomp PRO



- Intuitive assembly with fixing screws included
- Durable 2-piece ABS construction
- Removable back plate for GPIO accessibility and wall mounting

\$13.88

Order Code
310615201

ABX00173 - SINGLE BOARD COMPUTER



- 32GB Embedded eMMC storage and 4GB LPDDR4X SDRAM
- Dual-band WiFi 5 (2.4/5 GHz) and Bluetooth® 5.1 wireless connectivity
- 8x13 LED matrix for visual creation and status feedback

\$102.32

Order Code
480838401

A000066 - SBC



- Microcontroller ATmega328P
- Operating voltage of 5V
- Maximum supply voltage 6 to 20V

\$48.85

Order Code
207538201

954 - USB TO TTL SERIAL CABLE



- For use with: Microcontrollers, Raspberry Pi, WiFi routers
- Accessory type: debug / console cable\
- Product range: cables and connectors

\$19.02

Order Code
221504101

ABX00162 - SINGLE BOARD COMPUTER



- 16GB embedded eMMC storage and 2GB LPDDR4X SDRAM
- 8x13 LED matrix for status/visual feedback, 4 user-programmable RGB LEDs
- 5V Pin

\$76.31

Order Code
480838301

114110207 - DEVELOPER KIT



- On-device processing with up to 200 TOPS AI performance with low power and low latency
- Compact size at 107mm x 106.4mm x 70.5mm
- Pre-installed JetPack 5.0.2, Linux OS BSP support Jetson software and AI frameworks & s/w platforms

\$2,772.40

Order Code
420015201

DFR0478 - IOT MICROCONTROLLER BOARD



- Compatible with products in the DFRobot FireBeetle series
- Low power consumption (the electricity current under ultra low power is 10µA)
- Quick response (the top frequency is 400KHz)

\$15.44

Order Code
351788101

FIT0737 - USB TO RS485 MODULE



- Asynchronous half duplex (RS485) self-adaption mode of working
- Dimension is about 85mm x 23mm x 13mm
- Power consumption: 1W

\$14.74

Order Code
376986701

110061362 - DEVELOPER KIT



- Pre-installed NVIDIA JetPack supports Jetson s/w stack and AI developer tools for AI applications
- Powered by Type C 5V/3A, consuming as little as 5 watts
- Expandable with on-board interfaces, reComputer case to mount on wall with mounting holes on back

\$379.72

Order Code
412647301

TOUCHSCREEN 10.1 - TOUCHSCREEN DISPLAY



- Capacitive multi-finger support with pinch, zoom and rotate functions
- High definition 1280x800 resolution, 450cd/m² brightness
- IPS panel for wide viewing angles

\$334.28

Order Code
326344401

ABX00087 - DEVELOPMENT BOARD



- Capacitive touch sensing unit, USB 2.0 full-speed module, up to 14bit ADC and DAC, op-amp
- Recommended input voltage (VIN) is 6-24V
- Barrel jack connected to VIN pin

\$50.91

Order Code
420854401

SEN0308 - SOIL MOISTURE SENSOR



- Supply voltage range from 3.3VDC to 5.5VDC
- 2.54-3 pin interface
- Output voltage range from 0VDC to 3VDC

\$25.85

Order Code
376991501

114991193 – USB TO CAN ANALYSER ADAPTER

- Optimised the conversion protocol, improved conversion efficiency
- Saving the customised settings automatically
- Customised receiving ID, easy to debug

\$43.18Order Code
393209101**113991054 – DEVELOPMENT BOARD**

- 21 x 17.5mm overall dimension
- Portable and lightweight
- Supports battery charging

\$8.66Order Code
406037901**DFR0100 – EVALUATION BOARD**

- Clearly labelled
- Prototyping easily, full bundle, free upgrade
- No. of bit : 8

\$79.68Order Code
351797101**SENO654 – LASER METHANE SENSOR**

- One-click data workflow to save weeks of logging time
- Lab-grade durability, seamless connectivity to laboratory equipment.
- Detection range from 3 to 100% LEL

\$148.94Order Code
482983601**K000007 – STARTER KIT**

- Build creative projects
- Huge kit contents for hands on experience
- Silicon manufacturer: Atmel

\$195.20Order Code
225086201**K1803 – UNIVERSAL MONNO PRE-AMPLIFIER KIT**

- Output impedance: 1 Kohm
- Max. input signal: 40mV
- PCB dimensions: 30 x 44mm

\$8.85Order Code
280396601**100003007 – DEVELOPMENT KIT**

- AM6254 SoC human-machine-interaction SoC with quad core A53 at 1.4GHz
- MSPM0 MCU: MSPM0 MCU to provide ADC and EEPROM functionality
- USR1 – USR4 (U) user LEDs, power (P) & charging (C) LED indicator

\$93.14Order Code
482513101**SENO518-PPG HEART RATE/OXIMETER SENSOR**

- Power supply voltage: 3.3V/5V
- Working current is less than 15mA
- I2C/UART communication method

\$37.17Order Code
482983101**RPI4-MP-STARTER KIT-BLK-4GB. – RASPBERRY PI 4B STARTER KIT**

- Raspberry Pi 4B with 4GB SDRAM
- Pre-installed NOOBS on SD card
- AC-DC power adapter 5.1V / 2.5A

\$190.25Order Code
328855701**114070201 – SBC**

- Operating temperature range from -10°C to 50°C
- Display resolution: 1280 x 800 pixels
- Supply voltage min: 12V

\$674.47Order Code
420019901**DFR1199 – STEPPER MOTOR MODULE**

- Steps per revolution (O/P): 4096 (based on half-step mode; microstepping supported for smoother motion)
- Holding torque is 0.9kgf-cm
- Detent torque is 0.5kgf-cm

\$24.02Order Code
482983001**K000007_R4 – ARDUINO UNO R4 WIFI BOARD**

- Targeted for education, maker prototyping, STEM classrooms
- Core architecture: Cortex-M4
- Silicon family name: RA

\$166.90Order Code
482988501**56130 – MAI-Z THE MOUSEBOT**

- BBC micro:bit – V1 or V2
- Battery life: >6 hours
- Standard USB-C charging port

\$101.57Order Code
483004301

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ABT-402-RC - TRANSDUCER

multicomp^{PRO}



- Sealed base design ensures protection against environmental factors and washing processes
- Capable of functioning in a broad temperature range, suitable for diverse environments
- Wave solderable pins simplify installation during manufacturing processes

40% OFF

\$1.60

Order Code
102240101

MP-19-31-3 TGN - RF / COAXIAL ADAPTER

multicomp^{PRO}



- 50Ω impedance
- 11GHz maximum frequency
- 500V maximum working voltage

40% OFF

\$11.07

Order Code
116956801

MCNP16V476M6.3X11 - ELECTROLYTIC CAPACITOR

multicomp^{PRO}



- Non polarised radial leaded aluminium electrolytic capacitors
- Excellent frequency characteristic
- Small deviation of capacitance

50% OFF

\$0.153

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LM7805 - LINEAR VOLTAGE REGULATOR

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- Maximum input voltage of 35V
- Output voltage is 5V
- Output current is 1.5A at T_J = 25°C

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MP150S-12 - AC/DC DIN RAIL

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- Output power up to 150 W
- High output current capability for power-hungry loads
- Short-circuit protection

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MP-37-06-TGG - RF / COAXIAL CONNECTOR

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- MMCX straight bulkhead jack
- Frequency range: DC - 6GHz
- Nominal impedance: 50Ω

40% OFF

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MP014929 - WIRE-TO-BOARD TERMINAL BLOCK

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- Pitch spacing: 7.5mm
- Wire size AWG min: 24 AWG
- Wire size AWG max: 10 AWG

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JR8307 3M - BARREL POWER CORD

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- 2.5mm DC plug to 2.5mm DC jack extension lead
- Rated operating current is 4 A
- Rated operating voltage is 20V

45% OFF

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MCMF0W2FF4700A10 - METAL FILM RESISTOR

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- 1000MΩ minimum insulation resistance
- Solderability: minimum 95% coverage
- Load life in humidity: normal type ±(1.5% + 0.05Ω) maximum

45% OFF

\$0.067

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MCPL3-AC-V - NAVIGATION SWITCH

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- SPST configuration
- Contact rating is 10mA at 5VDC
- Operating force for centre push of 200gf and lever of 70gf

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MPFA30-220S12G2N5 - AC/DC PCB MOUNT POWER SUPPLY (PSU)

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- No. of outputs: 1 output
- Power supply applications: ITE, industrial & household
- Power supply output type: fixed

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MC0100W0603139R - SMD CHIP RESISTOR

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- Voltage rating: 75V
- Power rating: 100mW
- Resistor technology: thick film

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\$0.013

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MP-881105-RED - CROCODILE CLIP**multicomp** PRO

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- PVC insulation material
- Connector type: crocodile clip

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- 60V output voltage and 10A current capacity
- 200W power output
- Fan cooling with intelligent temperature control

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- Ensures your equipment stays dry and protected from moisture
- Provides a rugged, professional appearance and tough protection
- Customisable foam inserts for securely fitting various equipment

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- Lids are sold separately
- Potting box
- Length: 40mm

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- Compact design
- Built-in suction system for fast and clean removal of solder from PCB components

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- Quality stainless steel frame
- LCD 4-way measurement
- 0.01mm graduation

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- Wire size range from 20AWG to 10AWG (0.5mm² to 6mm²)
- Length of 220mm
- Weight: 496 g

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312634101**MPSJK-6I2-8.00-18-20-80-C-30 - CRYSTAL****multicomp** PRO

- Crystal frequency: 8 MHz
- Frequency tolerance +/-: 20ppm
- Frequency stability +/-: 10ppm, ±20ppm

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- 1,000V DC/750V AC, 20A AC/DC current, resistance, capacitance, frequency, and duty cycle measurement ranges
- -50°C to 400°C temperature measurements

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- Maximum recurrent peak reverse voltage V_{rrm} is 400V
- Maximum RMS bridge input voltage V_{rms} is 280V
- Maximum average forward rectified output current I(AV) at T_c = 55°C is 35A

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267536001**MP001243 - AXIAL FAN****multicomp** PRO

- Single phase, 4-poles brushless DC motor
- Vapo bearing system
- Counter-clockwise viewed from front of fan blade

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326392301**MC0100W06031150R - SMD CHIP RESISTOR****multicomp** PRO

- Resistance: 150 ohm
- Power rating: 100mW
- Resistor technology: thick film

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- Fast data transfer up to 480 Mbps
- Designed for long-lasting use
- Works with a wide range of USB Mini-B devices

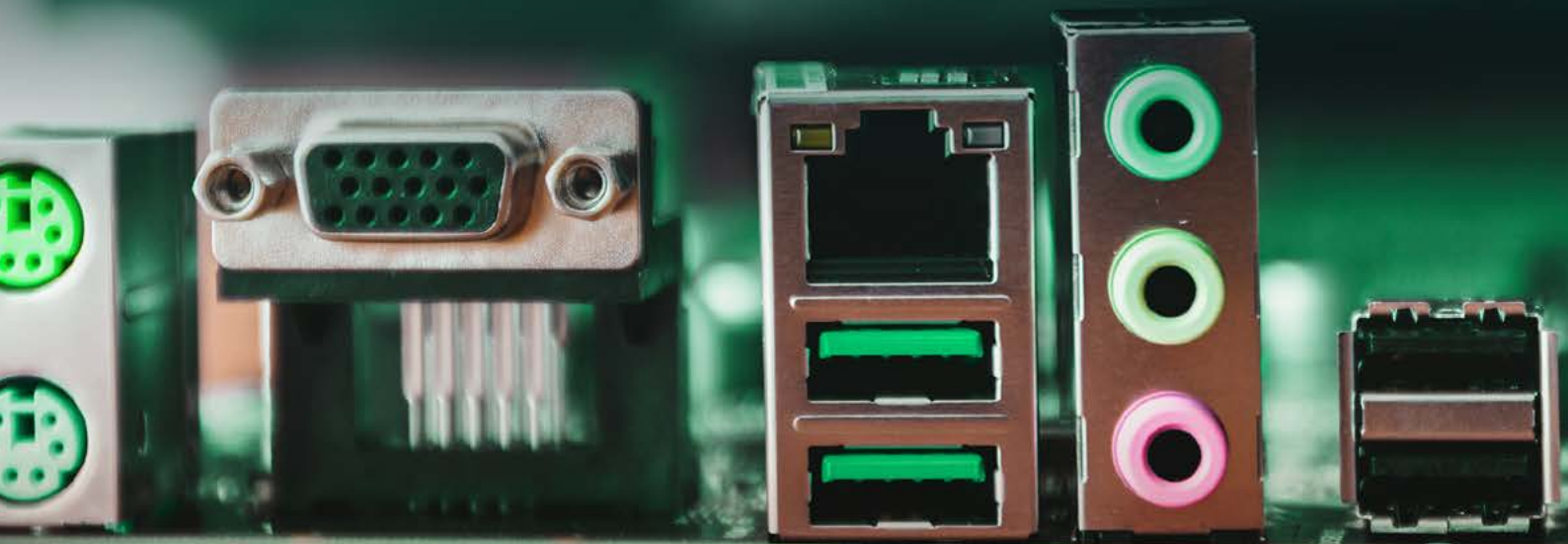
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