



Eclectic Components

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Issue 3 - 2024



The leading global electronic component supplier
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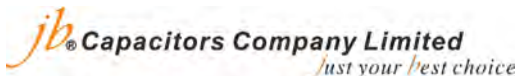


SOME OF THE BRANDS WE SUPPLY





MAXIM



ANALOG DEVICES

LINEAR TECHNOLOGY



MICRO SENSOR CO.,LTD.



COMPONENT INDEX

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ABOUT US

As a family-owned business based in Birmingham, UK, we are proud to be one of the country's **leading distributors of all electronic components**.

Founded in 2007 by two brothers with a **wealth of experience** in the industry, Eclectic Components is now a thriving, global and franchised distributor of electronic components.

We offer the **best prices and a quick response, with free shipping on UK orders**, to the ever-changing requirements of our customers, with a dedicated team forecasting the latest trends in the market and pricing.

— ▢ **FOR ALL SALES ENQUIRIES** ▢ —

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A TRULY GLOBAL SERVICE

Our expert Account Managers and Sales Teams are based in the UK, Europe, USA and Asia. As an independent stocking distributor, our commitment to you is to offer a friendly, professional and timely service.

We offer a full kitting service in addition to scheduled and buffer stock holding, to eliminate shortages.



SELL YOUR EXCESS STOCK (page 32)

Excess Procurement aims to make an attractive offer for the full quantity of your electronic component stock, and can collect at your convenience.





PRODUCT TYPE

- Sealed waterproof connectors
- Sealed electronic components



Bulgin parts can be used as an alternative for most competitor brands, including Amphenol, TE Connectivity, Binder and many others.

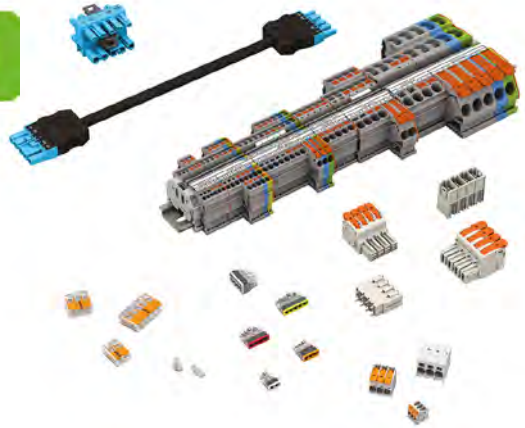
Examples of products available:

- Buccaneer IP66, IP67, IP68 and IP69K rated waterproof circular connector range
- Mains connectors and IEC connectors
- Battery holders, EMI filters, fuse holders and indicators
- Vandal resistant LEDs and switches
- Push button switches, rocker switches, toggle switches, voltage selectors and IP67 enclosures

ABOUT

Bulgin is widely recognised as a leading manufacturer of environmentally sealed connectors and components.

With over 100 years of experience in the industry, Bulgin continues to innovate and develop products and services to cater for its global customer base across a variety of markets.



PRODUCT TYPE

- Connectors
- Din rail terminal blocks

Wago parts can be used as an alternative to Phoenix, Weidmuller, Wieland, Entrelec, ABB, Molex, TE, IMO, Eaton, Siemens and Schneider Electric.

Examples of products available:

- Installer connectors for junction boxes
- Din rail-mounted terminal blocks
- PCB terminal blocks and pluggable connectors
- Pluggable modular wiring

ABOUT

Founded in 1951, Wago is a German-based company that specialises in manufacturing components for electrical connection technology and electronic components for automation technology.

Their product offering ranges from rail-mount terminal block systems or installation and field-wiring terminal blocks, to pluggable connectors and feedthrough components, including PCB connections and marking solutions.

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PRODUCT TYPE

- Power supplies
- Transformers

Vigortronix Power Supplies can be used as an alternatives to manufacturers such as XP Power, Recom, Traco, Myrra, TDK, Lambda and Strontronics.

Vigortronix Transformers can be used as a alternatives to manufacturers such as Block, Murata, Coilcraft, Myrra and Etal.

Examples of products available:

- AC-DC converters
- Current transformers
- DC-DC converters
- Inductors, chokes, coils

ABOUT

Founded in 2007, Vigortronix designs and manufactures a wide range of high-quality transformers, power supplies and wound components.

They are based in the UK, with an in-house design department and on-site manufacturing facility.

PRODUCT TYPE

- Motors
- Relays
- Switches
- Solenoids
- FFC and microelectronics

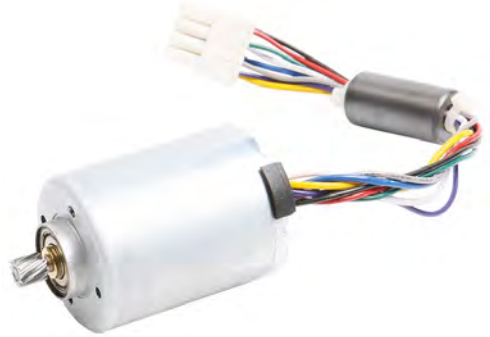
Johnson Electric parts can be used as an alternative for most competitor brands.

Examples of products available:

- Relays and Piezo systems
- FPC and microelectronics
- Solenoids: linear, rotary and haptic product types
- Motors: BLDC, PMDC, AC, stepper and synchronous types
- Switches: ultra, sub-miniature, miniature, standard and trigger

ABOUT

Johnson Electric is a global leader in electric motors, actuators, switches, motion systems and related electromechanical components. Founded in 1959 and listed on the Hong Kong Stock Exchange since 1984, they have more than 35,000 employees in 22 countries and a global footprint in manufacturing.





PRODUCT TYPE

- Cables
- Connectors



Lapp parts are interchangeable with Helukabel, Cleveland Cable, Lutze Group, Belden, Eland Cables, Doncaster Cables and Clynder Cables.

Examples of products available:

- ÖLFLEX® power and control cables
- SKINTOP® cable glands
- ETHERLINE® data communication systems for Ethernet tech
- UNITRONIC® data communication systems
- EPIC® industrial connectors

ABOUT

Lapp is a market leader in supplying everything from cable and connectors, to accessories and fully integrated connection solutions.

Lapp products are used in production machinery, industrial robots, public transport, food processing, alternative energy, charging systems for electric vehicles and oil-drilling platforms.

□



PRODUCT TYPE

- Capacitors
- Switchgear

Iskra parts can be used as an alternative for most competitor brands.

Examples of products available:

- DC link capacitors
- RF remote control
- Snubber capacitors
- AC filtering capacitors
- LV, HV and MV capacitors
- AC/DC general purpose capacitors

ABOUT

Headquartered in Slovenia, Iskra has been the largest knowledge hub in the region for 76 years, supplying the highest quality components, devices and innovative solutions in more than 100 global markets.

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PANDUIT™

PRODUCT TYPE

- Cable management solutions
- Connectivity solutions
- Thermal management products
- Industrial electrical solutions
- Network infrastructure solutions



Panduit parts can be used as an alternative for most competitor brands.

Examples of products available:

- Cable ties
- Ergonomic hand tools
- Cable cleats for short circuit protection
- Labelling and identification
- Grounding and bonding

ABOUT

Panduit is a global leader in network infrastructure solutions and industrial electrical wiring solutions.

Founded in 1955, the company specialises in designing, manufacturing, and distributing a wide range of products for various industries, including data centres, telecommunications, industrial automation, and electrical construction.

PRODUCT TYPE

- Relays



Relpol parts can be used as alternatives to Hongfa, Finder, Omron, Schrack, Tyco, Zettler, Weidmuller and Releco.

Examples of products available:

- PCB relays
- Industrial relays
- Miniature relays
- High-current relays
- Modular products
- Solid state relays

ABOUT

Relpol, established in 1958, is a leading European manufacturer of relays. Relpol has a long history of providing top-quality relays and other components to various industries, including telecommunications, transportation, energy management, and more.



PRODUCT TYPE

- LCD displays



Winstar parts can be used as an alternative for most competitor brands.

Examples of products available:

- TFT
- OLED
- CAN
- LCD

ABOUT

Established in 1998, Winstar manufactures Industrial LCD Displays including monochrome LCM, COG LCD, VATN-LCD, TFT LCD, OLED displays and System Integrated Solutions.

Winstar offers a wide range of standard and customised display solutions.

□



PRODUCT TYPE

- Optocouplers

Isocom parts can be used as an alternative for most competitor brands.

Examples of products available:

- Optocouplers
- Optoswitches

ABOUT

Isocom Components is a leading supplier of infrared optoelectronic devices, and specialises in optocouplers. They offer the shortest manufacturing lead times in the world for many of their parts.

Isocom offers a complete and comprehensive line of optocouplers suitable for all commercial applications.



PRODUCTS

- Keyboards (office/home/gaming/industrial/medical)
- Mice
- Headsets and microphones
- Mechanical keyboard switches (MX/ML/MX LP/MX ULP)

Parts interchangeable with:

CHERRY products can be used as high-quality alternatives to almost any peripheral and mechanical key-switch manufacturer.



PRODUCT TYPE

- High-speed bridge controllers

Parts interchangeable with:

JMicon parts can be used as an alternative to products from manufacturers such as ASMedia, Marvell and RealTek.



PRODUCTS

- Sensors
- Controls
- Switches



Parts interchangeable with:

- For meters: Rayleigh, Siemens, Socomec
- For sensors: IFM, Sick and Keyence



PRODUCTS

- Coils
- Chokes
- Inductors
- Transformers



Parts interchangeable with:

Fastron inductors can be used as an alternative to TDK, Murata, Coilcraft, Würth and Bourns.

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MARQUARDT

PRODUCT TYPE

- Sensors (pressure, flow)
- Appliance switches (rocker, push-button, toggle, slide, eco)
- Snap-action switches
- Foot switches



Parts interchangeable with:

For snap-action switches:

- Crouzet
- Honeywell
- Omron



PRODUCT TYPE

- Toroidal transformers
- Current transformers
- Chokes and inductors



Parts interchangeable with:

Talema can design and offer alternatives to most standard and custom toroidal transformers.

PRODUCT TYPE

- Ultra-miniature microswitches
- Sub-miniature microswitches
- Miniature microswitches
- Standard microswitches
- Trigger microswitches



Parts interchangeable with:

Saia Burgess parts can be used as an alternative for most competitor brands.



PRODUCT TYPE

- Printed electronics
- Flexible printed circuits
- Flat flexible cables (FFC)

Parts interchangeable with:

Parlex parts can be used as an alternative for most competitor brands.

LEDEX

PRODUCT TYPE

- Rotary solenoids
- Linear tubular (STA) solenoid
- Low-profile solenoid
- Open-frame linear DC solenoids
- BTA (brushless torque actuators)



Parts interchangeable with:

Ledex parts can be used as an alternative for most competitor brands.



PRODUCT TYPE

- Piezo buzzers, magnetic buzzers and sirens
- Micro speakers and dynamic receivers
- Electret condenser microphones
- MEMS microphones and audio modules
- TWS earbuds and headphones
- Bluetooth speakers and smart hearing aids



Parts interchangeable with:

Kingstate parts can be used as an alternative to Murata, TDK, Foster (Star), Mallory, Myntahl (East), Hosiden and many more.

MICRO SENSOR CO.,LTD.

PRODUCT TYPE

- Pressure sensors and pressure transmitters
- Level transmitters
- Temperature transmitters
- Flowmeters



Parts interchangeable with:

MicroSensor parts can be used as an alternative to sensors made by Honeywell and TE.

PRODUCT TYPE

- DC motors (brushed and brushless)
- DC gear motors (planetary, spur, worm)
- Electronic ballasts for UVC lamps
- Audio components (speakers, buzzers)



Parts interchangeable with:

ISL parts can be used as an alternative to Nidec, Maxon, Pololu Robotics, Stepper Online and ElectroCraft.



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PRODUCT TYPE

- RJ with /without transformers
- SFP and QSFP connectors
- Transceivers and CMC
- Mini RF coaxial connectors



Parts interchangeable with:

KinnexA parts can be used as an alternative to other leading connector brands.



PRODUCT TYPE

- Sensors
- Transducers
- Relays
- Switches
- Transformers
- Indicators



Parts interchangeable with:

CR Magnetics parts can be used as an alternative to other leading brands.

PRODUCT TYPE

- Wavelength division multiplexers
- Isolators and splitters
- CWDMs, patch cords and patch panels
- Erbium doped fiber amplifier



Parts interchangeable with:

Crowntech Photonics parts can be used as an alternative to other leading brands.

PRODUCT TYPE

- Flexible EMI cable shielding
- Flat braided copper busbar
- Polyester braided sleeving



Further details:

The company takes pride in its diverse product portfolio, which includes flexible EMI cable shielding, EMI cable shielding with metal conduit, flat braided copper busbar, polyester braided sleeving, meta-aramid braided sleeving, and many more.





PRODUCT TYPE

- SPI NOR Flash memory
- Parallel NOR Flash memory

Parts interchangeable with:

BYTe offers comparable SPI flash products to Winbond, GigaDevice, Macronix and ISSI.



PRODUCT TYPE

- Flash
- DRAM
- SRAM
- Memory ICs



Parts interchangeable with:

Alliance Memory parts can be used as an alternative to Microchip, Micron and Macronix.

PRODUCT TYPE

- Piezo buzzers, magnetic buzzers and sirens
- Micro speakers and dynamic receivers
- Electret condenser microphones
- MEMS microphones and audio modules
- TWS earbuds and headphones
- Bluetooth speakers and smart hearing aids



Parts interchangeable with:

Altran Magnetic parts can be used as an alternative to Murata, TDK, Foster (Star), Mallory, Myntahl (East), Hosiden and many more.



PRODUCT TYPE

- ACP coaxial connectors



Parts interchangeable with:

DUT Electronics parts can be used as an alternative to all coaxial connector types. ACP Connectors can be used as an alternative to all coaxial connector types. The connector uses an industry standardised mounting hole spacing and does not require specialised torque wrenches.



PRODUCT TYPE

- Power amplifiers

Further details:

Elite RF design and manufacture RF power amplifiers in different form factors (modules, 19 inches rack, custom enclosures) for frequencies up to 18GHz and power levels of up to 100kW (kilowatts).



LEVTECH

PRODUCT TYPE

- Temperature transmitters for Pt100 or Pt1000 sensors
- Galvanic isolators
- Analog signal converters

Parts interchangeable with:

Levtech parts can be used as an alternative to Omron, Siemens and Weidmüller.





PRODUCT TYPE

- Connectors
- Board-to-board, automotive and floating connectors
- I/O connectors
- Wire-to-board connectors

Parts interchangeable with:

Greenconn parts can be used as an alternative to Samtec, Molex, TE, W+P, Harwin and Neltron.



PRODUCT TYPE

- Smart micro linear servo actuator
- Miniature-sized linear servo actuator that compactly includes drive circuitry, heavy duty 12VDC motor, gearbox, position sensor, and lead screw.

Parts interchangeable with:

Mighty Zap (IR Robot) parts can be used as an alternative to Actuonix.

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PRODUCT TYPE

- Power products (LDOs, DC/DCs, load switches, reset ICs)
- Analog switches and data converters (ADC)
- Voltage references and logic ICs/level shifters

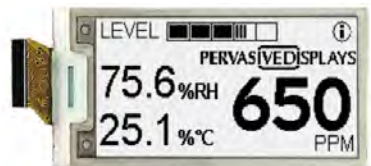
Parts interchangeable with:

Runic parts can be used as an alternative to Texas Instruments, ADI, On Semiconductor, NXP, Nexperia and ST Microelectronics.

PERVASIVE DISPLAYS

PRODUCT TYPE

- E-paper (electronic display technology)



Parts interchangeable with:

Persuasive Displays E Paper display can be used as an alternative to LCD applications.



PRODUCT TYPE

- Sensors



Further details:

Spectra Symbol crafts diverse flex, linear & rotary sensors like SpectraFlex, SoftPot, ThinPot, HotPot, MagnetoPot and HydroRibbon - catering to various industries with their durable and versatile designs. Commonly used as position sensors or control potentiometers.



PRODUCT TYPE

- Relays

Parts interchangeable with:

Tianbo parts can be offered as alternatives to products from Omron, Nais, Tyco and Hongfa.

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SILVERSTONE

PRODUCT TYPE

- Computer chassis
- Power supplies
- Server/NAS
- Storage devices



Parts interchangeable with:

Silverstone parts are interchangeable with Seasonic, Corsair, Coolermaster, Super Micro, Fractal Design, Lan Li and Chenbro.



Crystals & Oscillators

PRODUCT TYPE

- Quartz crystals and filters (including ceramic filters)
- Oscillators
- Ceramic resonator
- SAW filter/resonators
- SAW (surface acoustic wave) device

Parts interchangeable with:

TGS parts are interchangeable with Equivalent, Abracon, Advanced Crystal, Tech UK, Citizen, Golledge, Jauch and QVS Tech.

PRODUCT TYPE

- Batteries
- Chargers
- UPS



Parts interchangeable with:

Power Sonic parts can be used as an alternative to Yuasa, Ultracell, Panasonic and Yucell. UPS interchangeable with APC, Eaton, Riello and CyberPower.



PRODUCT TYPE

- EMI products
- Multilayer chip inductors
- Anti-vibration
- Chokes (ferrites) and transformers
- Power inductors

Parts interchangeable with:

MEC can supply alternatives to products from other manufacturers such as TDK, Würth and Murata.

PRODUCT TYPE

- Plastic film capacitors
- Audio capacitors
- SMD aluminium electrolytic capacitors
- Polymer aluminium solid capacitors
- Radial capacitors
- Snap-in and screw capacitors
- Ceramic capacitors



Parts interchangeable with:

jb Capacitor parts can be offered as an alternative to other manufacturers according to capacitance or voltage.



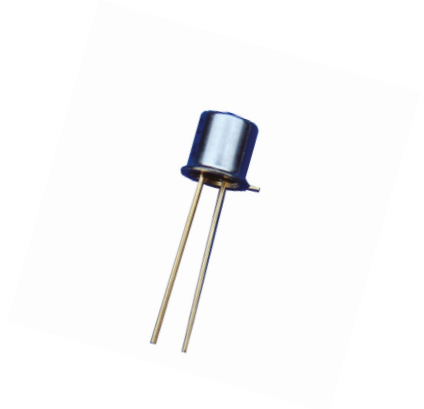
Light in Motion

PRODUCT TYPE

- Infrared LEDs and UVC LEDs
- Photointerrupters

Parts interchangeable with:

Light in Motion parts can be offered as alternatives to products from Optek, Vishay, Omron, Everlight and Liteon.





PRODUCT TYPE

- RJ45 connectors: RJ11 and RJ45 modular jack, high-speed jack, transformer jack
- Structure cabling system: Cat8, Cat6A, Cat6, Cat5e and Cat3 for patch panel
- Keystone/coupler jack, wall plate, and intelligent network controller

Parts interchangeable with:

CTK products are interchangeable with Tyco Electronics, Molex, LLC and Amphenol.



PRODUCT TYPE

- KHz crystal
- MHz crystal
- Oscillator (XO)
- TCXO crystals



Parts interchangeable with:

HKC parts are interchangeable with NDK, Kyocera, Epson, KDS, Murata crystal, Abracon, Jauch, ECS and TXC.

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CviLux

PRODUCT TYPE

- Connectors
- FFC cable
- Power connectors
- Wire harnesses



Parts interchangeable with:

Cvilux parts can be used as an alternative for most competitor brands.

KODENSHI

PRODUCT TYPE

- Optical sensors
- Optical semiconductors



Parts interchangeable with:

Kodenshi parts are interchangeable with Vishay, Avago, Rohm, Sharp, Omron, Hamamatsu, TT Electronics and Liteon.

JKL[®]

PRODUCT TYPE

- LEDs

Parts interchangeable with:

JKL parts can be offered as alternatives to products from Chicago Miniature-CML/VCC, Oshino, Eiko, Toshiba and more.



PRODUCT TYPE

- Industrial joystick controls
- Finger switches
- Pushbuttons
- Control chairs

Parts interchangeable with:

Gessman parts can be used as an alternative to Apem Components, Spohn & Burkhardt, Elobau, Penny & Giles, Curtis Wright, Telemecanique and Schneider joysticks



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