



We love to connect... engineers and technology

TOP-electronics is...

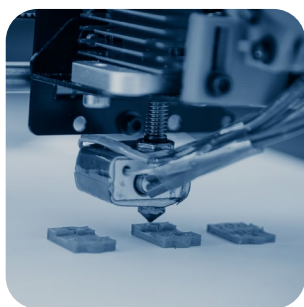
- a knowledge-driven distributor and representative
- a specialized technology provider
- focused on customer requirements
- partner of hightech world-leading manufacturers
- providing professional, technical and logistic support
- an ISO certified company
- globally present with offices around the world



Product categories



Markets



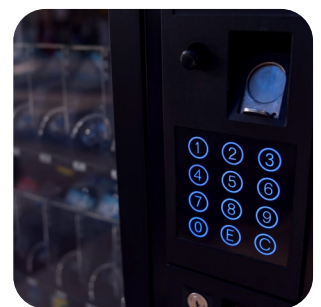
Printing



Energy



Consumer



Payment



Aerospace



Agriculture



Medical



Smart City

Enrich your development with TOP-electronics

Your trusted technology partner

TOP-electronics is a knowledge-driven, leading technology provider, specialized in the distribution and representation of electronic components, modules and solutions.

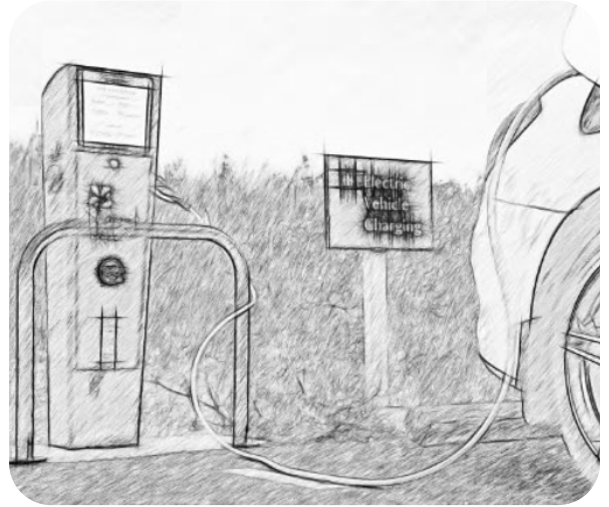
We offer a range of services to support your business at every stage of development.

Why choose TOP:

- **Knowledge & Experience:** adequate assistance with your product development
- **Complementary Products:** providing multiple solutions for use in a single design
- **Wide Product Range:** access to cutting-edge products from top global suppliers
- **Custom Solutions:** tailored options for your unique design needs
- **Expert Support:** benefit from our technical expertise
- **Efficient Logistics:** streamlined supply chain solutions
- **Global & Local:** offices in Europe, the Americas, Israel, and Asia

Our mission is to help you turn your innovative ideas into market-ready products.

We love to connect... engineers and technology



**TOP
inside**



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Wireless and IoT

The Internet of Things (IoT) or Internet of Industrial Things (IIoT) is a vast network of wirelessly connected devices, going beyond just smartphones and tablets. IoT improves connectivity by linking various machines and gadgets to the internet in a smarter, more secure, and efficient way.

This transformation is happening in different markets and applications, including vehicles, buildings, traffic light control, waste management systems, and remote sensors.

For short-distance communication, technologies like UWB, Bluetooth, or WiFi are commonly used. However, for longer distances, cellular wireless technologies like LTE, 5G, and NB-IoT take the lead. They allow devices to connect directly to the internet, enabling seamless long-range connectivity.

- 5G / LTE / GSM / GPRS
- GNSS
- Smart Modules
- Antennas
- Bluetooth
- ISM Band Modules / RF Transceivers
- LoRa
- LPWAN
- RFID
- RF Connectors and Cables
- RTLS systems
- UWB
- WiFi
- Zigbee



Learn more



- Oled
- TFT
- E-Ink
- Embedded Computing

Displays and Embedded Computing

Display technology is changing quickly to meet industry needs, and engineers are essential for making the most of it. We offer a wide range of displays, including compact TFT, OLED, and E-Ink displays for battery-powered devices, as well as large information panels for extensive content.

By integrating capacitive touch-screen technology with high-end processors, we enable comprehensive application control within the systems.

Embedded computing is driving innovation across industries, with System-on-Modules and Single Board Computers playing a crucial role. TOP-electronics helps customers gain competitive advantages in terms of performance, cost-efficiency, and shorter lead times.

Learn more



Components

TOP-electronics offers a variety of components for different markets like industrial, consumer, and medical sectors. These components are part of everyday devices like headphones, speakers, smartphones, and home entertainment systems.

We have well-known brands in microcontrollers, audio equipment, voice control modules, microphones, speakers, and crystal oscillators.

Whether you need products with low power usage, precise performance, or easy integration, we have what you need.

- Microcontrollers
- Real Time Clocks
- Flash Memory
- Voice Control Modules
- MOSFETs
- Crystal Oscillators
- Resettable Fuses
- Audio Codecs
- Buzzers
- Speakers
- Microphones
- Enclosures



Learn more



- Terminal Blocks
- Wire to Board
- Board to Board
- Circular Connectors
- Memory and Sim Card Sockets
- I/O Connectors
- RF Connectors
- Switches
- SMT Spacers
- Power Jacks
- Data Cables
- FFC Cables
- RF Cables
- Custom Cable Assemblies

Connectors and Cables

Connectors and cables are crucial in industrial electronics, facilitating communication and power distribution. Engineers use tailored solutions like board-to-board connectors, RJ11, RJ45, audio jacks, HDMI, USB, SMT spacers, Wire to Board, and Sim card sockets.

Data cables enable real-time monitoring, while power cables meet global standards. RF cables ensure precise wireless communication.

Customized solutions guarantee performance and reliability in challenging industrial environments, driving innovation and efficiency. We can provide custom, precision solutions based on your quantity requirements.



Learn more



Precision Analog

Industry-leading power analog innovation for applications requiring high precision control of current, voltage and speed. With focus on the industrial, semiconductor, aerospace, defense and medical markets.

Product form factors include monolithic ICs, board-level “open frame” modules and hybrid designs. Up to 200A of continuous output current and voltage supply operation ranging from 5V to 2500V and slew-rates of 3000V/ μ .



- Power Operational Amplifiers
- PWM Amplifiers
- Precision ICs
- Integrated Power Modules
- Voltage References

Learn more



- Stepper Motors
- Servo Systems
- BLDC Motors
- Motor Drivers
- Motion Controllers
- Encoders

Motion Control

Motion control is crucial in modern engineering, making machines and robots perform tasks with precision and efficiency. Controlled movements are essential for reliability in various applications.

Whether it's in manufacturing, robotics, aerospace, or healthcare: motion control ensures that engineering solutions move purposefully and smoothly. These systems include various technologies like servo systems, stepper motors, BLDC motors, and encoders.

Learn more



Power Conversion

Cutting-edge power converters are driving innovation across industrial, medical, transportation and consumer sectors. The job of power conversion products is to manage electrical energy by providing the right voltages and currents for user devices. They are known for being efficient, small in size, strong, adaptable, and easy to adjust.

These products come in different shapes, like open-frame, enclosed, power adapters, and DIN-rail styles. They can deliver power up to 3000W, meeting various industrial requirements.

- AC-DC Power Supplies
- DC-DC Converters
- Power Adapters
- DIN Rail Power Supplies
- Power Filters

Learn more



Thermal Management

All electronic systems generate excess heat, necessitating effective thermal management. This is vital for engineering applications. Thermal management solutions empower R&D teams to maintain temperature control and to extend component longevity. And to enhance the reliability and performance of their systems.

It encompasses several key components including heatsinks, thermal washers, thermo-electric coolers, forced air systems, fans, heat pipes, peltier devices, cooling fans and thermal cameras. In extreme low-temperature environments, it may be essential to provide additional heating to ensure optimal electronic component operation. Our offerings include axial and centrifugal fans, both splashproof and dustproof, boasting IP54, IP55, and IP68 ratings.



- Thermal Cameras
- Cooling Fans
- Peltier Devices
- Heatsinks
- Thermal Washers

Learn more



- VNA
Vector Network Analyzer
- RMS
Radiation Measurement System

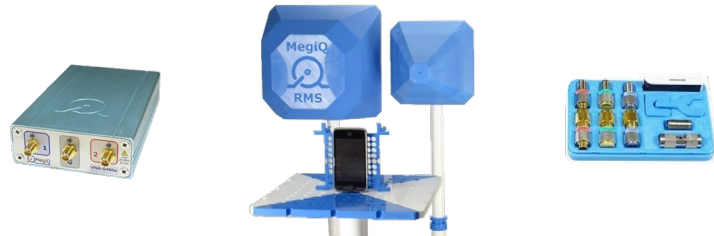
Learn more



Test and Measurement

In the field of RF engineering, accuracy is crucial. Two vital tools are Vector Network Analyzers (VNA) and Antenna Radiation Measurement Systems (RMS). A VNA helps us to understand things like bandwidth, impedance and efficiency, enabling optimal antenna tuning.

The RMS measure radiated energy, gain, radiation pattern, beamwidth, polarization and have an impressive frequency range, extending up to 6 GHz. Without needing an anechoic chamber. This versatility lets engineers accurately measure antennas in robust RF setups in various settings, making testing easier for advanced wireless systems and ensuring top-notch RF performance. These tools are indispensable for achieving excellent RF results.



Sensors

In the world of smart sensor technology, we have a wide range of sensors that are essential for many applications. These sensors include motion sensors, pressure sensors, orientation sensors, temperature and humidity sensors, as well as Lidar, Time-of-Flight (ToF) sensors, and thermal cameras.

These intelligent sensors come in small chips, adaptable modules, and easy-to-use evaluation kits. They transform industries by providing valuable data and enabling precise control, driving innovation in various fields. As technology keeps advancing, these sensors are likely to become even more important in shaping our interconnected world, making things smarter, safer, and more efficient.



- Pressure Sensors
- Motion & Orientation sensors
- Temperature & Humidity sensors
- ToF Sensors
- Thermal Cameras

Learn more



Partner of high-tech, world leading suppliers

More information?

Check TOP-electronics.com or scan the QR!

