

Electronic Solutions



When it comes to designing the products
of the future, only the best brands can make it.

[twen.rs-online.com](https://www.twen.rs-online.com)

Electronic workbench

What else do you need to do on your latest design project?

From oscilloscopes to 3D printers and every thing in the range, RS has exactly what you need.

Basic Test and Measurement of Electronic Equipment

RS offers more than 10,000 test and measurement products, including the world's most trusted brands.

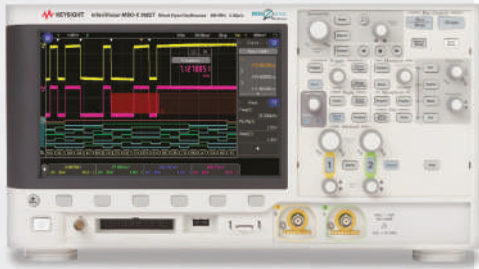
- Calibration test equipment
- Digital analog multimeter
- Electronic Component testing products
- Oscilloscope and accessories
- Power management and RF test equipment
- Sound, vibration and temperature measurement



FLUKE



Megger



ESD Control Equipment and Cleanroom Products

Damage from ESD can cost you dearly, so you need to make sure you have all the equipment you need to control ESD and protect your bench. We also have all the products needed to create or maintain a cleanroom environment.

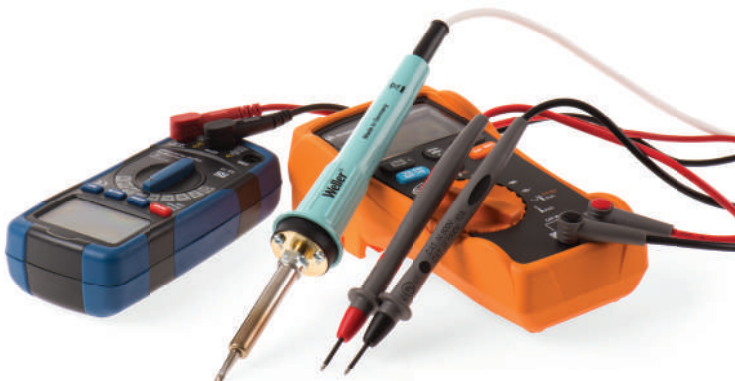
- ESD grounding and monitoring equipment
- ESD Tester
- ESD safe and cleanroom equipment: Tapes, Boxes, Gloves, Stationery and Tools. A wide range of supplies for ESD or cleanroom environments



DESCOEUROPE

EUROSTAT

SCS



Soldering and Desoldering Products

All the necessary soldering tools and soldering iron tips on your electronics workbench. From the outstanding high-value solutions of the RS PRO to the latest innovations from major brands, everything you need can be found at RS.

- Soldering station and soldering iron
- Desoldering tool
- Soldering iron tip
- Smoke exhaust
- Solder wire, flux, solder paste



Weller

HAKKO
SOLDERING STATION

Multicore



Professional Products and Consumables

Whether you need screwdrivers or cutters, RS offers a wide selection to meet your needs from market leading brands.

- Professional tools and kits ESD safe and electronic tool kits, screwdrivers and cutters



STANLEY

FACOM



wiha
Tools that work for you

Wera
Be a Tool Pro

LINDSTRÖM



3D Printers and Scanners

For any designer, engineer, inventor and hobbyist, 3D printing can turn a great idea into a three-dimensional reality.



CREALITY

robbox



polymaker



An Overview of Our Electronic Components Brands

State-of-the-art technology and high-quality products from our world's most important manufacturer of electronic components.

| Connector | Audio and Video Connectors | Circular Connector | Connector Tools and Accessories | Universal Rectangular Connector | IC Socket | Power and IEC Connectors and Accessories | Network and Telecom Connector | Printed Circuit Board Connectors | Power Connector | RF and Coaxial Connectors | Junction Box and DIN Rail | Terminals and Connectors | Test Leads and Test Kits | Test and Measurement Connectors | USB, Data and Computing Connectors |
|-------------------------------|----------------------------|--------------------|---------------------------------|---------------------------------|-----------|--|-------------------------------|----------------------------------|-----------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------------|------------------------------------|
| 3M | | | • | | • | | • | • | | • | | • | • | | • |
| ABB | | | • | | | • | | • | • | | • | | | | |
| Amphenol | • | • | • | | | | • | • | • | • | | • | | | • |
| Amphenol FCI | • | | • | • | • | | • | • | | | • | | | | • |
| Binder | | • | • | | | | • | | | • | | | | | • |
| Bulgin | | • | • | | | • | • | • | • | • | | | | | • |
| Delphi | | | • | • | | | | • | • | | | | | | • |
| Deutsch (TE Connectivity) | | • | • | • | | | | • | • | • | | | | | |
| FCT | | | • | • | | | | • | | | | | | | • |
| Glenair | | • | • | | | | | | | | | | | | • |
| HARTING | • | • | • | • | | • | • | • | • | | • | | | | • |
| Hirose | • | • | • | • | | • | • | • | • | • | | | | | • |
| Hirschmann | | • | • | | | • | | | • | | | | | | |
| Hirschmann Test & Measurement | | | | | | | | | | | | | • | • | |
| Huber & Suhner | | | • | | | | | | | • | | | | | |
| ITT Cannon | • | • | • | • | | • | | • | • | | | | | | • |
| JAE | | | | • | | | | • | | | | | | | • |
| JST | • | | • | | | | • | • | • | | | • | | | |
| Legrand | | | | | | • | • | | • | | • | • | | | • |
| LEMO | | • | • | | | | | • | | | | | | | |
| Lumberg | • | • | • | | | | | • | • | | | • | | | • |
| Mennekes | | | | | | • | | | • | | | | | | |
| Molex | • | • | • | • | • | • | • | • | • | • | • | • | | | • |
| Multi-Contact | | • | • | | | • | | • | • | • | | • | • | • | |
| Neutrik | • | • | • | | | • | • | | • | • | | | | | |
| Phoenix Contact | • | • | • | • | | • | • | • | • | • | • | • | | | • |
| Pressmaster | | | • | | | | | | | | | | | | |
| Radiall | | | • | | | | | | | • | | | • | • | |
| Rosenberger | | | • | | | | • | | | • | | | | | • |
| RS PRO | • | • | • | • | | • | • | • | • | • | • | • | • | • | • |
| Samtec | | | | | | | | • | | | | | | | • |
| Schurter | • | | | | | • | | | • | | | | | | |
| Souriau | | • | • | | | | | • | • | | • | | | | • |
| TE Connectivity | • | • | • | • | • | • | • | • | • | • | • | • | | | • |
| Telegartner | | • | • | | | | • | • | | • | • | | • | | • |
| Wago | | | • | | | | | • | • | | • | • | | • | |
| Weidmüller | | • | • | | | | • | • | | | • | • | | | • |
| Wieland | | | • | | | | | • | • | | • | | | | |
| Würth Elektronik | • | | • | | | | • | • | | | • | | | | • |

| Passive Products | Capacitors | Fixed Resistor | Inductor | Passive Filter | Surge Protection Components | Variable Resistor |
|------------------------|------------|----------------|----------|----------------|-----------------------------|-------------------|
| Arcol | | • | | | | • |
| AVX | • | | | | | |
| Block | | | • | | | |
| Bourns | | • | | | | • |
| Clairtronic | | | • | | | |
| DEHN | | | | | • | |
| EPCOS | | | • | | • | |
| Furse | | | | | • | |
| IQD Frequency | | | • | | | |
| Kemet Electronics | • | | | | | |
| Kingstate | | | • | | | |
| KOA | | • | | | | |
| Legrand | | | • | | | |
| MTL Surge Technologies | | | | | • | |
| Murata Power Solutions | • | | • | | • | |
| Nichicon | • | | | | | |
| Nippon Chemi-Con | • | | | | | |
| Nuvotem | | | • | | | |
| Panasonic | • | • | • | | | |
| RS PRO | • | • | • | • | • | • |
| Rubycon | • | | | | | |
| Schaffner | | | | • | • | |
| Schurter | | | | • | • | |
| TDK | • | • | | | | |
| TE Connectivity | | • | | | • | • |
| Vishay | • | • | | | | |
| VPG | | • | | | | |
| Würth Elektronik | | | • | • | | |
| Yageo | | • | | | | |



Electromechanical and Power Management

| | Fuses, Sockets and Circuit Breakers | | | | Switches | | | | | | | | Relay | | | Power Supply | | Heat Management | | | | | | Indicator Light | | | | | | | | | | | | |
|-------------------------------|-------------------------------------|-------------|----------------------|------|----------------------------|----------------------|--------------------------------------|---------------------------------|---------------------------------|--------------------------------|------------------------|-------------------------------|-------------------------------------|-----------------------|---|--------------|------------------------------------|------------------|-----------|-----------|--------|------------|-------------------|---------------------------|---------------------------|-----------|----------------------------|---------------------|---------------|--------------------|---------------|-----------------------|---|---|---|---|
| | Circuit Breakers | Fuse Holder | Fuse Tools and Tests | Fuse | Fuse Printed Circuit Board | DIP and SIP Switches | Push Button Switches and Accessories | Rocker Switches and Accessories | Rotary Switches and Accessories | Slide Switches and Accessories | Switch Development Kit | Tact Switches and Accessories | Pushbutton Switches and Accessories | General Purpose Relay | Interface Relay Modules and Accessories | Reed Relay | Solid State Relays and Accessories | DC-DC Converters | Power PSU | Axial Fan | Blower | Filter Fan | Finger Protection | Fan Parts and Accessories | Shell Heating and Cooling | Heat Sink | Thermal Interface Material | LED Panel Indicator | LED Indicator | Filament Indicator | Neon Lamp Era | Indicator Lamp Holder | | | | |
| Aavid Thermalloy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APEM | | | | | | • | • | • | • | • | • | • | • | | | | | | | | | | | | | | | | • | | | | | | | |
| Arcoelectric | | | | | | | • | • | | • | | | • | | | | | | | | | | | | | | | | | | • | • | • | | | |
| Artesyn Embedded Technologies | | | | | | | | | | | | | | | | | | • | • | | | | | | | | | | | | | | | | | |
| Bel Power Solutions | | | | | | | | | | | | | | | | | | • | • | | | | | | | | | | | | | | | | | |
| Bergquist | | | | | | | | | | | | | | | | | | | | | | | | | | | • | | | | | | | | | |
| Bourns | | | | | • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bulgin | | • | | | | | • | | | | | | | | | | | | | | | | | | | | | | • | | | | | | | |
| C&K Switches | | | | | | • | • | • | • | • | | • | • | | | | | | | | | | | | | | | | | | | | | | | |
| Cherry | | | | | | | • | • | | | • | | • | | | | | | | | | | | | | | | | | | | | | | | |
| Cooper Bussmann | | • | • | • | • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cosel | | | | | | | | | | | | | | | | | | • | • | | | | | | | | | | | | | | | | | |
| ebm-papst | | | | | | | | | | | | | | | | | | | | • | • | | • | • | | | | | | | | | | | | |
| Fischer Elektronik | | | | | | | | | | | | | | | | | | | | | | | | | | • | | | | | | | | | | |
| ITW Switches | | | | | | | • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Littelfuse | | • | | • | • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Marl | | | | | | | | | | | | | | | | | | | | | | | | | | | | | • | • | | | | | | |
| Mean Well | | | | | | | | | | | | | | | | | | | • | | | | | | | | | | | | | | | | | |
| Mersen | | • | • | • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Murata Power Solutions | | | | | | | | | | | | | | | | | | • | | | | | | | | | | | | | | | | | | |
| Omron | | | | | | • | • | • | | | | • | • | • | | • | | | | | | | | | | | | | | | | | | | | |
| Panasonic | | | | | | | • | | | | | • | | • | • | • | • | | | | | | | | | | | • | | | | | | | | |
| Pfannenberg | | | | | | | | | | | | | | | | | | | | | | • | | | • | | | | | | | | | | | |
| Phihong | | | | | | | | | | | | | | | | | | | • | | | | | | | | | | | | | | | | | |
| Recom | | | | | | | | | | | | | | | | | | • | • | | | | | | | | | | | | | | | | | |
| Rittal | | | | | | | | | | | | | | | | | | | | | | • | | | • | | | | | | | | | | | |
| RS PRO | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Schurter | • | • | • | • | • | | • | | | • | | • | | | | | | | | | | | | | | | | | | | | | | | | |
| Signal-Construct | | | | | | | | | | | | | | | | | | | | | | | | | | | | • | • | | | | | | | |
| STEGO | | | | | | | | | | | | | | | | | | | | | | | • | | | • | | | | | | | | | | |
| Sunon | | | | | | | | | | | | | | | | | | | | • | • | | | • | | | | | | | | | | | | |
| TDK-Lambda | | | | | | | | | | | | | | | | | | | • | • | | | | | | | | | | | | | | | | |
| TE Connectivity | | | | | • | | | | | | | | • | • | • | • | | | | | | | | | | | | | | | | | | | | |
| TRACO POWER | | | | | | | | | | | | | | | | | | • | • | | | | | | | | | | | | | | | | | |



| Semi-Conductor | Semi-Conductor | | | | | | | | | | | | | | | | | |
|-------------------------|----------------------------|-------------------------------------|--------------------------------------|----------------|------------------------|---------------------------------|--------------|-----------|------------------|---------------------------------|---------------------------|---------------------------|-------------------------------|-------------------------------|-----------------------|----------------|------------------|-----------------|
| | Amplifiers and Comparators | Timer and Frequency Control Circuit | Crystals, Oscillators and Resonators | Data Converter | Discrete Semiconductor | Display Drivers and Controllers | Interface IC | Memory IC | Power Management | Processors and Microcontrollers | Programmable Logic (FPGA) | RF and Microwave Circuits | Semiconductor Development Kit | Sensors and Sensor Interfaces | Single Board Computer | Standard Logic | Video Processing | Wireless Module |
| Altera | | | | | | | | | | | | | | | | | | |
| Analog Devices | • | • | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | |
| Arduino | | | | | | | | | | | | | • | | • | | | |
| Atmel | | | | • | | | | • | | • | | | • | • | | | | |
| Broadcom | • | | | • | • | | | | | | | | | | • | | | |
| Cypress Semiconductor | | • | | | | • | • | • | • | • | | | • | | | | | • |
| DiodesZetex | • | | | | • | • | | | • | | | | | • | | • | | |
| EXAR | | | • | • | | | | • | | | • | | | | | | | |
| Fairchild Semiconductor | • | • | | • | • | • | • | | • | | | | | • | | • | • | |
| FTDI Chip | | | | | | • | • | | | | | | • | | | • | | |
| Fuji Electric | | | | | • | | | | | | | | | | | | | |
| Genuino | | | | | | | | | | | | | • | | • | | | |
| Honeywell | | | | | | | | | | | | | | • | | | | |
| Infi neon | | | | | • | • | • | | • | • | | • | • | • | | | | |
| Intel | | | | | | | | | | • | | | | | • | | | • |
| Intersil | • | • | | • | • | • | • | | • | | | | • | • | | | • | |
| IXYS | | | | | • | | | | | | | | | | | | | |
| Linear Technology | • | • | • | • | • | • | • | | • | | | • | | | | • | | |
| Maxim | • | • | • | • | • | • | • | • | • | • | | • | • | • | | • | • | |
| Microchip | • | • | | • | • | • | • | • | • | • | | • | • | • | | • | | • |
| MikroElektronika | | | | | | | | | | | | | • | | | | | |
| NXP Semiconductors | • | • | | • | • | • | • | • | • | • | | • | • | • | | • | • | • |
| ON Semiconductor | • | • | • | | • | • | • | • | • | | | • | | • | | • | | • |
| Panasonic | • | | | | • | • | | | • | | | • | • | • | | | | • |
| Renesas Electronics | • | • | | • | • | • | • | • | • | • | | • | • | • | | • | • | |
| RF Solutions | | | | | | | | | | | | • | | | | | | • |
| ROHM | • | | | • | • | • | • | • | • | • | | | • | • | | • | • | • |
| Semikron | | | | | • | | | | • | | | | | | | | | |
| Sensirion | | | | | | | | | | | | | • | • | | | | |
| Silicon Laboratories | | • | • | | | | • | | • | • | | • | • | • | | | | • |
| STMicroelectronics | • | • | • | • | • | • | • | • | • | • | | • | • | • | | • | | • |
| Taiwan Semiconductor | • | | | | • | • | | | • | | | | | • | | | | |
| Texas Instruments | • | • | • | • | • | • | • | • | • | • | | • | • | • | | • | • | • |
| Toshiba | • | • | | | • | • | • | • | • | • | | • | | • | | • | | |
| Vishay | | | • | | • | | • | | • | | | | | • | | • | | |
| Xilinx | | | | | | | | • | | | • | | • | | | | | |

| Displays & Opto-electronics Products | Displays & Opto-electronics Products | | | | | | | | | | |
|--------------------------------------|--------------------------------------|------------------------|-----------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------|---------------------------------|--------|---|--|
| | Display and Industrial Monitors | Fiber Optic Components | IR Transmitter and Receiver | Laser Modules and Components | LED Indicators and Accessories | LED Lighting System Components | LEDs and LED Accessories | Optocouplers and Photodetectors | UV LED | | |
| 4D Systems | • | | | | | | | | | | |
| Analog Devices | | | | • | | • | | • | | | |
| BIVAR | | | | | | | | • | | • | |
| Broadcom | • | • | • | | • | • | • | • | | | |
| Centronic | | | • | | | | | | | | |
| Cree | | | | | | | | | • | | |
| Dialight | | | | | • | | | • | | | |
| Displaytech | • | | | | | | | | | | |
| eldoLED | | | | | | • | | | | | |
| Fairchild Semiconductor | | | | | | | | | | • | |
| Global Laser | | | | • | | | | | | | |
| Honeywell | | | | | | | | | | • | |
| JKL Components | | | | | • | • | • | | | | |
| Kingbright | • | | | | • | • | • | • | | | |
| LEDEngin | | | • | | | | | • | | • | |
| LG Innotek | | | | | | | | | | • | |
| LiteOn | | | | | | | | | | • | |
| Lumileds | | | | | | | | | | • | |
| Mentor | | | | | | | | | | • | |
| Nichia | | | | | | | | | | • | |
| Optek | | | • | | | | | • | | | |
| OSi | | | | | | | | | | • | |
| Osram Lighting | | | | | | • | | | | | |
| OSRAM Opto Semiconductors | | | • | • | | | | • | • | | |
| Panasonic | | | • | • | | | | • | • | | |
| PowerLED | | | | | | • | • | | | | |
| Renesas Electronics | | | | | | | | | | • | |
| ROHM | | | • | • | | | | • | | | |
| RS PRO | | | | | | • | | | | | |
| Samsung | | | | | | | | | | • | |
| Seoul Semiconductor | | | | | | | | | | • | |
| Toshiba | | • | | | | | | • | • | | |
| TSLC | | | | | | | | | | • | |
| Vishay | • | | • | | | • | • | • | • | | |
| Würth Elektronik | | | | | | | | • | | | |



Complete Innovation and Achieve Excellence

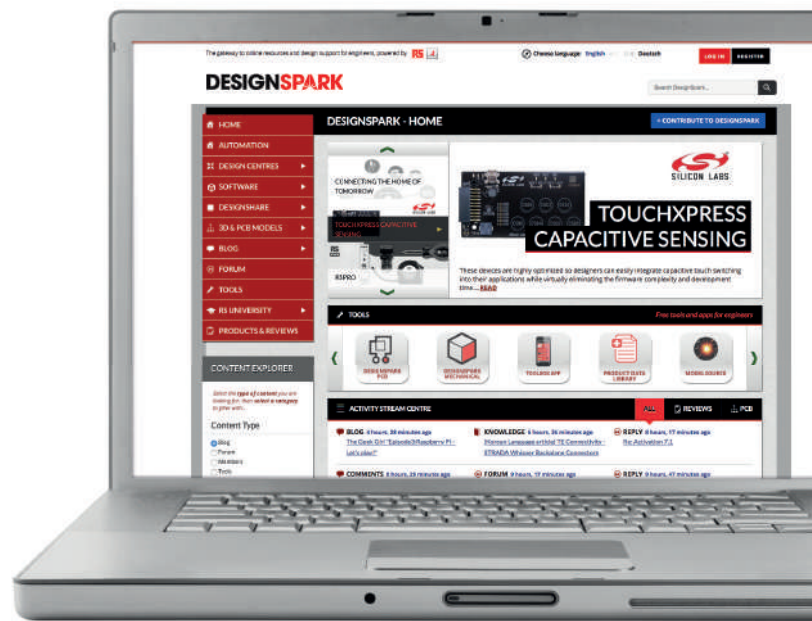


You're busy creating powerful, world-class electronic devices, and we're bringing you innovations from the world's most important electronic component manufacturers. RS offers tens of thousands of products, leveraging technical data, design tools and engineering communities to help you get to market faster.

DESIGNSPARK

Helping every engineer innovate

- **DesignSpark:** Learn about the hottest products, share project ideas, or ask for support from other engineers
- **DesignSpark PCB:** The world's most accessible electronics schematic and layout software
- **DesignSpark Mechanical:** Making 3D designs fast and easy for every engineer
- **DesignSpark Electrical:** Save time and avoid mistakes with our free electrical CAD solution
- **Toolbox App:** The leading engineering application for design calculations and electronic referencing
- **3D CAD Models:** Access thousands of free 3D CAD models directly in the RS website to add to your own designs
- **ECAD Part Wizard:** Unique universal ECAD library provided by RS



Provide the products that matter most to you

We stock 700,000 products worldwide, providing one-stop shopping for all the products you need.

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From prototyping to production, RS is ready to provide you the latest ideas to help form your own and transform projects into next-generation realistic designs.

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