

ICT

POWER USA

PROVIDING QUALITY PRODUCTS AND INNOVATIVE SOLUTIONS
TO THE POWER ELECTRONICS INDUSTRY

- Power Semiconductors
- Power Semiconductor Assemblies
- Fuses, Accessories & Monitoring Systems
- Capacitors & Capacitor Bank Switching Controllers
- SCR, GTO, & Mosfet IGBT Gate Control Cards
- Thermal Management Products
- Box & Bar Type Clamps for Disc Type SCR's, Diodes & IGBT's
- Current & Voltage Sensing Modules
- Power Resistors
- Solid State AC & DC Relays
- Low Voltage Power Distribution Components
- AC & DC Power Controllers
- Motor Control Center Softstarts, AC & DC Drives, Electronic Motor Brakes



I.C.T. POWER USA



EXPECT MORE.

In today's global market, it has become increasingly necessary for successful companies to select a supplier that can provide them with quality products and services, in addition to assisting them in gaining a substantial competitive advantage in the marketplace. I.C.T. POWER USA is such a supplier.

I.C.T. POWER USA is one of six companies under the "Power Systems Group" umbrella, dedicated to providing products and solutions to the power electronics industry for over 20 years. As a Premiere Power Electronics Specialist we offer our customers access to one of the largest inventories of quality Power Electronic Components in North America. This combined with our strong technical support allows OEMs (Original Equipment Manufacturers), MROs (Maintenance and Repair Operations) and Service Companies to improve their quality, reliability and bottom line.

Our exclusive "Strategic Supplier Customer Program™" combines the resources of our suppliers, engineering staff, inventory management team and our sales and marketing group. It allows us to integrate these processes and inventory management tools into our client's process, not just as a supplier, but as a "Strategic Manufacturing and Engineering Partner". Thus allowing you to reduce your operational costs by:

- Reducing inventory and overhead costs through standardization and consolidation
- Reducing or eliminating delivery issues
- Improving efficiency
- Avoiding obsolescence
- Providing a continuous improvement process

At I.C.T. POWER USA, YOU CAN EXPECT MORE.

Power Semiconductors & Power Semiconductor Assemblies



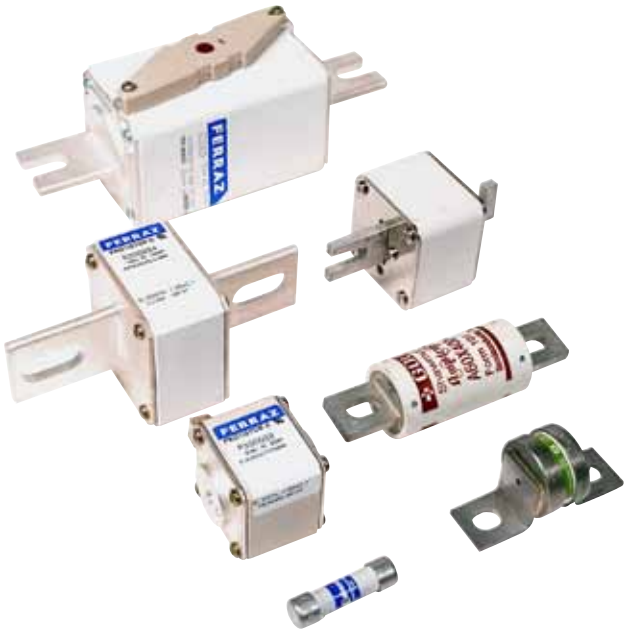
Stocking a complete line of: Discrete Diodes, SCR (Thyristors), GTO's and IGBT's in Stud type, Disc type (Puck) and Modules. We also offer;

Hybrid Power Modules • Intelligent Power Modules
Bridge Rectifier / AC-Switches • IGBT Stacks and Assemblies

Offering original or direct replacement components from:



Fuses, Accessories & Monitoring Systems



Specializing in High Speed Semiconductor, North American - Time Delay and Non-Time Delay power fuses, International Style fuses, Fuse Blocks, Holders, Disconnect Switches / Power Blocks, Circuit Monitoring and Protection Accessories from:

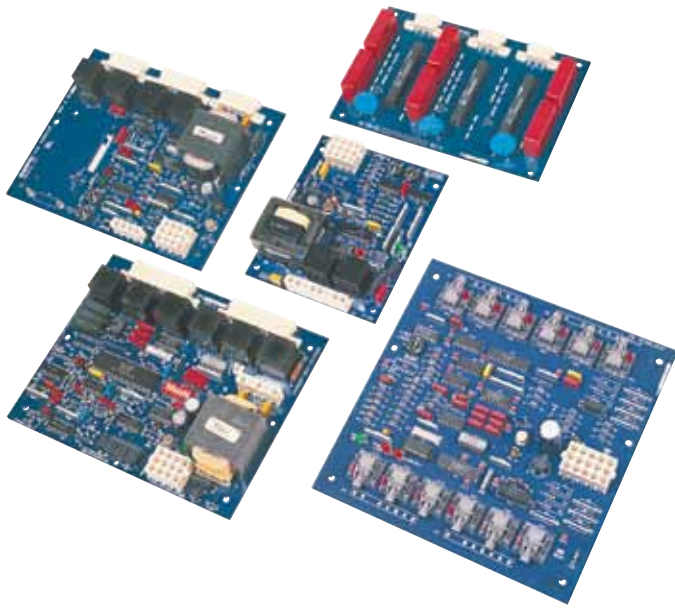


Capacitors & Capacitor Bank Switching Controllers



Stocking standard voltages, capacitance and packages of SCR Commutating/ Snubber Type, IGBT Snubber, Aluminum Electrolytic, Film/Paper and Power Factor Correction Capacitors from such well known brand names as:





SCR, GTO, IGBT & Mosfet Gate Control Cards

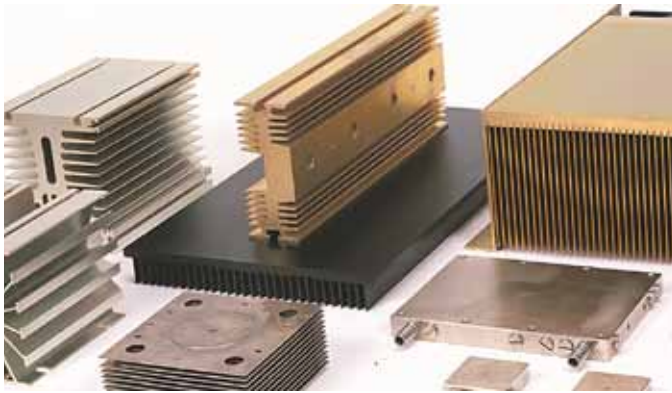
We offer a complete range of SCR Gate Firing Cards with various Voltage, Current and Power Regulator card options to match your design criteria. This product is offered in standard industry configuration matrix covering from 10 VAC to 13,800 VAC.

Our IGBT Drivers are matched well with our IGBT offering. They are available in various ratings and configurations in both Galvanic and Fibre optic isolation types, for switching speeds of up to 100 kHz.



Heatsinks, Chillblocks, and Heatpipes

I.C.T. POWER offers a wide range of Thermal Management solutions, such as extruded Heatsinks, Bonded Fin, Chill Blocks and Heat pipes, to effectively manage all of your thermal needs. These thermal aids are developed for specific designs, for use with SCR, Diodes and IGBT disc (puck) types and modules. These would be similar to well known North American and European Extrusions. Ask about our custom heatsink design and thermal analysis program.



Box & Bar Type Clamps for Disc Type SCR's, Diodes and IGBT's

Clamps are a very crucial component to proper operation of your Diode, SCR and IGBT Disc type devices. A complete line of quality standard and custom Box and Bar Type Pressure Clamps are offered from 2.5kN to 200 kN: Enquire about custom clamps.





Current and Voltage Sensing Modules

ABB is a leader in design and manufacturing of Current and Voltage Sensors for control and feedback sensing from 1A – 2000A. These sensors are offered as direct replacements to product from such companies as LEM, NANA and other less known brands.



Power Resistors

I.C.T. POWER USA offers a full line of power resistors for use in power electronic applications. Ohmite has been a leading provider of resistive product for high current, high voltage and high energy applications for over 80 years. We offer a full range of power resistive product including wire wound, thick film, ceramic composition and carbon composition technologies.



Solid State AC and DC Relays

I.C.T. POWER USA provides an entire line of AC & DC Solid State Relays, offering original or direct replacements from:



Low Voltage Power Distribution Components

ERIFLEX® is a complete product range for low voltage power distribution. Product groups are ERIFLEX® FLEXIBAR, Power Shunts, Metallic Braids, Cable Sleeves, Distribution Blocks, Insulators/Standoffs, DIN-Rail, Copper Busbars and Earthing/ Grounding parts, Busbar support, hydraulic and manual tools for these products. All products are RoHS compliant, UL, CSA, CE, ABS, GOST, and CCC compliant and approved. Inquire about custom pieces made to your specifications in house.



ERICO®



AC & DC Power Controllers & Custom Assemblies

Standard and custom Power Controllers are available to meet the most stringent requirements from 10-1000A as a standard and up to 5000A as a custom, at voltages of up to 2400 VAC. Phase Angle - Zero, Crossing, Pulse Width Modulated and custom application systems are available.



PHASETRONICS
SCR Power Control Specialists



i+ innovation plus
POWER SYSTEMS INC.

Motor Control Center Softstarts, AC & DC Drives, Electronic Motor Brakes

Providing the complete line of Motortronics - Solid State AC Motor Controls, including Low Voltage Soft Starters, Medium Voltage Soft Starters, AC Drives, Electronic Brakes, Heater Controllers, CT's/VT's, and Motor Protection. Low voltage controls range from 208 to 600VAC @ 3 - 2000HP (up to 1500kW) and medium voltage soft starters range from 2300V to 15kV @ 200 - 15000HP (up to 12,000kW).



MOTORTRONICS™
Solid State AC Motor Controls



EXPECT MORE.

I.C.T. POWER USA

I.C.T. POWER USA provides critical in-house semiconductor device testing and other value added services such as:

- Series and Parallel operation
- Private labeling of devices and assemblies
- Custom packaging of Semiconductors
- Reverse Engineering of components
- AutoCAD and SolidWorks 3D drawing capability
- Application Specific Device Selection and preparation of data sheet
- High frequency testing of IGBT and Inverter Grade SCR's and GTO's
- Tq, Td, Trr, Qrr, Qc, dv/dt, and di/dt testing and selection on various Semiconductor testing
- All Gating parameters
- Wire lead and termination modification
- Cross reference and qualification services
- Replacement of obsolete components

WE ARE PROUD TO OFFER GENUINE AND DIRECT REPLACEMENTS FROM:



**SAME DAY SHIPPING, SAME DAY DELIVERY
IN CONTINENTAL U.S.A. AVAILABLE**

Inquire about our obsolete component program.

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TO THE POWER ELECTRONICS INDUSTRY**



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