

PROVIDING QUALITY PRODUCTS AND INNOVATIVE SOLUTIONS
TO THE POWER ELECTRONICS INDUSTRY



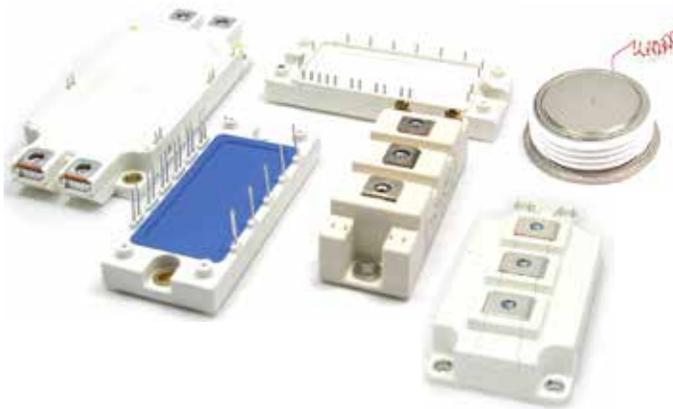
ICONOPOWER

ISO 9001: 2008 LIMITED





IGBT Press - Pack & Modules



- High Efficiency IGBT's ideal for High Frequency Power Applications
- Voltages range of 250 V to 6500 V / Current range of 35 A to 3600 A
- Low inductance design for Switching Frequencies range of 1 KHz to 40 KHz
- Press-Pack IGBT's designed for High reliability / High Current applications
- Sintered chips for extended temperature operation
- IGBT Dies available at 650 V / 200 – 300 A

Thyristors / SCR's / GTO's Press-pack, Stud & Modules



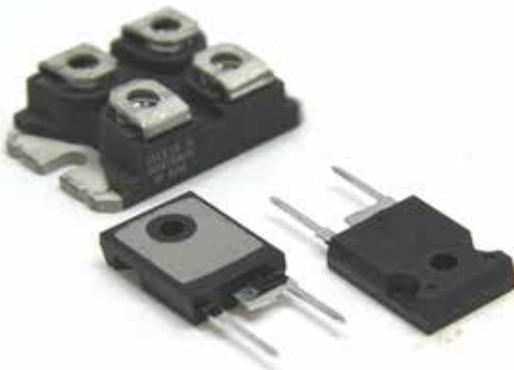
- High Current Phase Control Devices
- Fast Switching Inverter Grade Devices
- Voltage range : 100 V to 6500 V
- Current range : 40 A to 8000 A
- Full range of Press-pack Gate Turn-off Thyristors

Rectifiers / Diodes Press-pack, Stud & Modules



- Standard Recovery: 100 V to 6500 V / 16 A to 10,000 A
- Fast Recovery: 200 V to 6000 V / 12 A to 2,000 A
- Low Vf, Qrr, Soft Recovery & Low EMI design
- Protection Break-over Diodes
 - Voltages range 600 V to 4200 V
 - Pulse current rating up to 200 A

MOSFET Discrete & Modules



- N & P Channel versions
- High Current Density
- Easy to Parallel
- High Frequency Switching & Low on-resistance
- Single, Dual , Boost & Buck configurations
- Voltage range: 75 V to 500 V / Current range: 10 A to 210 A
- Silicon Carbide Technology Products available



A.C. & D.C. Capacitors & P.F.C. Microprocessor Controllers



- High reliability Film and Aluminum Electrolytic Capacitors
- Industrial Power Electronic & Power Factor Correction Applications
- SCR Snubber, SCR Commutations, DC Link, Buffering, DC Filtering, Power Factor Correction, GTO Snubber, Ripple Smoothing, Energy Storage type Capacitors
- Automatic Microprocessor Controller for P.F.C. Applications



Resistors

- Power Resistors from 5 to 20,000 Watts
- Available in: Wirewound, Precision, High Power, High Voltage, Ceramic, Vitreous Enamel, Metal Film, Non-Inductive, Fixed, Adjustable, Axial, Chassis Mount, Aluminum Housed, and Thick Film Resistors.



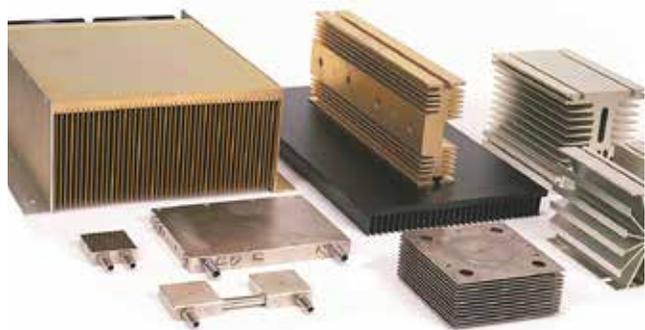
Current, Voltage & Temperature Sensors

- Isolated Current and Voltage Sensors for control and feedback sensing from 0.1 A – 20,000 A.
- High voltage measurement from 10 V to 6400 V
- High precision thermostats that are insensitive to shocks, accelerations or vibrations



Bar Clamps and Box Clamps

- Clamping force from 5 kN to 120 kN,
- No special tools required for installation and or field replacement
- Pre-calibrated for ease of use
- RoHs compliant, corrosion resistant plating
- Insulator dielectric rating of 22 KV/mm with UL94 rating



Extruded Heat Sinks

- Natural convection and forced air cooling
- New High Density Extruded Fin
- Cut to any length, Secondary Machining
- RoHs compliant corrosion resistant plating

Bonded Fin Heat Sinks

- Standard and Custom sizes
- High aspect fin ratio
- Single, Double, or Triple fan
- Lowest thermal resistance

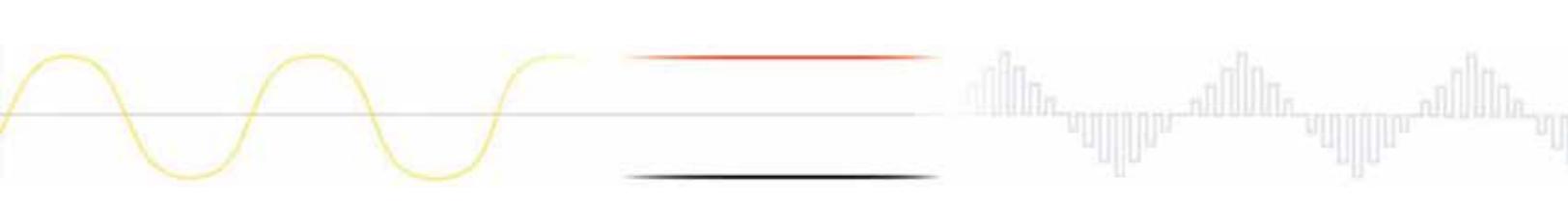
Liquid Chill Blocks and Plates

- Copper chill blocks for hockey puck devices ranging in size from 19 mm to 100 mm.
- Aluminum / Copper Chill Plates with embedded copper tubing from one to six passes – ideal for cooling IGBT modules



Low Voltage 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 Bus Bars and Earthing/ Grounding parts, busbar support, hydraulic and manual tools for these products. All UL, CSA, CE, ABS, GOST, and CCC compliant.



ICONOPOWER has been serving the Power Electronics Industry since 1975. With nearly four decades of experience in providing quality products and innovative solutions worldwide, and a continued focus on addressing our customer's ever changing needs, ICONOPOWER has been recognized as a first tier supplier to our customers.

As one of the largest stocking distributors of Power Electronic Components in North America, we offer a complete circuit solution including: Power Semiconductors, Capacitors, Resistors, Current, Voltage & Temperature Sensors, Clamps, Thermal Management Products, Low Voltage Power Distribution Components, as well as custom assemblies for heavy industrial applications.



ICONOPOWER is an official stocking distributor with large inventory of Power Electronic Components, with in-house design and manufacturing capability on Assemblies and Clamps, all made to ISO 9001 manufacturing standards.



We are proud to offer genuine products from these world leading manufacturers.



Power Assemblies

ICONOPOWER Ltd. has extensive experience designing and manufacturing custom power semi conductor assemblies for a wide variety of industrial applications. We deliver top quality power assemblies at the best possible price.

ICONOPOWER can assist with your entire design – from conception to prototype to full production. We offer a large selection of standard and custom assemblies to meet your specific requirements up to 50,000 Amps.

Enquire about our Refurbishment/Upgrade OEM Assembly Program.



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