



**Richardson
Electronics**

POWER & MICROWAVE
TECHNOLOGIES

2026

Power & Energy Line Card - Americas



800.348.5580
630.208.2200



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Power & Microwave Technologies Americas Partners

POWER & ENERGY COMPONENTS



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Fuji Electric

IGBT Modules, IPMs, SiC Diodes, Super Junction MOSFETs, IGBT Discretes.



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StarPower

StarPower designs and manufactures IGBT/SiC modules and customized modules.



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SemiQ

Custom SiC Power Semiconductors for high-voltage applications. MOSFETs and Diodes in discrete, module, and bare die.



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Qorvo

Battery Management Products: PAC Motor Controllers for Cell monitoring, cell balancing, short circuit protection, Over current charge / discharge protection, and low power hibernate.



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MS Power

Leading manufacturer of bipolar power semiconductor products. Rectifiers and SCRs discrete and modules.



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RIR Power Electronics Ltd.

RIR Power Electronics Ltd. is a leading manufacturer of high-power semiconductor devices such as diodes, thyristors, rectifiers, and power modules.



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Tamura

Gate drivers and Hall effect current sensors including closed and open loop.



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ACEINNA

Inertial Measurement Unit (IMU) & RTK navigation systems., Current Sensing technology, Magneto-Resistance (MR) and TMR Tunneling magneto Resistance.



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iDEAL Semiconductor

Ideal Semiconductor is an industry leader developer of next generation silicon power devices. 100-600V SuperQ MOSFET technology.



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Ideal Power

Si Bidirectional semiconductor power switch. Bidirectional, Bipolar Junction Transistor (B-TRAN).



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Wakefield Thermal

Thermal extrusions, LED heat sinks, heat frames and pipes, fans, heat exchangers, coolant distribution units, liquid cool plates.



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Pakal Tech

New Si technology IGTO(t) (Insulated gate turn off), is a drop-in replacement for IGBT technology with significant improvements in efficiency.

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Alcon Electronics

Manufacturer of screw terminal type aluminum electrolytic capacitors power film and snubber capacitors.



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Exxelia

Exxelia manufactures complex passive components and precision subsystems for demanding applications in industries like aviation, space, defense, medical, and energy.



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Amogreentech

Magnetics, Thermal Magnetic EMI, Vent & Membrane, AMB Substrates, Energy Storage Solutions- including modules, racks, containers



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CapXon

Screw, Snap-In, SMD, radial electrolytic capacitors, radial and SMD-type conductive polymer and hybrid polymer capacitors.



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LS Materials

LS Materials is a leading manufacturer of Ultracapacitor Technology. LS offers ultracapacitors cells, modules and solutions.



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Kendeil

Electrolytic and power film capacitors, DC links, High-power inverter applications.



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Cooling Source

Heat sink solutions, design, and thermal analysis. Extrusion, bonded fin, liquid cool plates.



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Amotech

Manufacture of ESD/EMI solutions, BLDC motors & actuator, Multi-layer ceramic and Hi Q capacitors, Antenna (NFC/WPT, BT/WIFI, 5G).



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Jianghai America

With over 65 years of manufacturing experience, Jianghai is a leading manufacturer of Electrolytic, Film, Polymer, LiC and Ultracapacitor capacitor technologies.



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Quantic Electronics

Quantic Eulex, Quantic Evans, Quantic Paktron, Quantic UTC. Capacitor technology, polymer film, hybrid wet tantalum, high frequency ceramic and multilayer ceramic capacitors.



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Richardson Electronics, Ltd.

Richardson Electronics provides end-to-end manufacturing services, including design, development, sourcing, and testing, with a focus on quick turnaround and rapid prototyping. With over 75 years of industry leadership, we deliver high-quality products and engineering support through a global network of innovative partners.

Power & Microwave Technologies Parts by Category

POWER & ENERGY COMPONENTS

	Electrolytic Capacitors	Electromechanical	Film / High Voltage / Oil-Filled Capacitors	Gate Drivers, DC/DC Converters	Hybrid Wet Tantalum Capacitors	Inertial Measurement Units / Systems	Inverters	LiFePO4 Batteries	Magnetics / Current Sensors	Multi-Layer Ceramic Capacitors (MLCC)	Polymer & Hybrid Capacitor	Power & Microwave Capacitors	Silicon Carbide Discretes	Silicon Carbide Modules	Silicon Discretes	Silicon Modules	Thermal Management	Ultracapacitors & Solutions	Vacuum Capacitors & Relays	Value-Added & System Solutions	Laminated Busbar	Tantalum Capacitors	LiC (Lithium Capacitor)	Mica Capacitors
Aceinna						▪			▪															
Alcon	▪		▪																					
Amogreentech							▪		▪								▪				▪			
Amotech												▪												
CapXon	▪										▪													
Celem			▪																					
Cooling Source		▪															▪							
Exxelia	▪								▪	▪		▪										▪	▪	▪
Fuji Electric														▪	▪	▪								
General Atomics			▪																					
General Electric Vernova			▪																					
Ideal Power															▪	▪								
iDEAL Semiconductor															▪									
Jianghai America	▪		▪								▪								▪				▪	
Kendeil	▪		▪																					
LS Materials																			▪					
MS Power															▪	▪								
National Electronics	▪	▪	▪												▪	▪			▪	▪	▪			
Pakal Tech															▪									
Qorvo													▪	▪										
Quantic Eulex												▪												
Quantic Evans					▪																			
Quantic Paktron			▪																					
Quantic UTC										▪														
Richardson Manufacturing							▪	▪									▪	▪			▪			
RIR Power Electronics Ltd.															▪	▪								
SemiQ													▪	▪										
Starpower														▪	▪	▪								
Tamura				▪					▪															
Vishay			▪									▪												
Wakefield	▪																▪							