

POWER MANAGEMENT

Manufacturers	Products	Applications
	<p>Isolated Single, Dual & Triple Output DC/DC-Converters up to 3000W, High Performance DC/DC-Bricks, high efficiency operation up to 97%, Railway conform with the input battery voltage transient ranges of EN50155 up to 10:1 ratio input voltage range, High Power DC/DC-Converters 500W, 1000W, Mid-Range Power DC/DC-Converters 100 to 500W, Low Power DC/DC-Converters 1 to 75W, Chassis Mount Converters, SMT&THT Modules, Brick Assembly Modules, AC/DC-Power Supplies 250W, 300W and 600W with 90-264VAC input, operating temperature range -40 to +105°C Baseplate, up to 5-year warranty</p>	<p>Industrial Applications, Transportation, Medical Industry, Avionics, Railway</p>
	<p>Low Power Single and Dual Output DC/DC Converters from 1 to 75W, Industry Standard Footprints SIP, DIP, SMT, 1x1 and 1x2 Thru Hole Patterns, Switch mode AC/DC Supplies, 15 to 150W chassis, encapsulated PCB mount from 2 to 60W, 2-year warranty</p>	<p>Commercial, Industrial Applications, Medical Industry, Railway</p>
	<p>Power Management ICs (PMICs) for energy harvesting applications, Harvesting from Photovoltaic Cells and Thermo-Electric Generators, Ultra-Low-Power-Start-up, Ultra-Low-Power Boost Regulator, The RF AEM30330, Vibration AEM30330 and solar AEM10330 PMICs both utilize a buck-boost architecture. This enables them to cover a greater range of input voltage levels from 100mV to 4.5V, low and High-Power sources can be addressed, AEM30330 is targeted at RF/vibration-oriented deployments including industrial equipment, home automation systems, healthcare monitoring, AEM10330 is for solar deployments to manage up to 7 connected photovoltaic cells</p>	<p>IoT Applications, Energy Harvesting, Wireless Sensors, Industry 4.0, Home Automation, Smart Metering, Smart Agriculture, Wearables, E-Health, E-Mobility</p>
	<p>Highest Energy and Power Density Capacitors with MTBF>5.000.000 hours, product range 22 to 500.000µF (10 to 125V) +85°C, +125°C and +200°C, very low ESR, very high current handling capability, highest levels of quality, Qualified to NASA INST-002, ISO 9001 and AS9100 registered</p>	<p>Replacement of Standard Capacitors, Battery Applications, Oil & Gas Exploration</p>
	<p>FastCap® Ultracapacitors for energy storage applications of operating in temperatures up to 150°C and under conditions of high shock 500G peak and vibration 20G rms. Lithium free - no risk of explosions, 20+ year shelf life, Hermetic Ultra-Capacitor Technology D & AA size cells, 35 to 340F capacitance, Voltage 1 to 2V, very low ESR 15 to 32 mohm, Low Temperature Ultracapacitors from -55 to +85°C, 35F, 40mohm</p>	<p>Energy Storage Devices, Harsh Environments, Hi-Rel Avionics, High Temperature Products, Oil & Gas Exploration</p>
	<p>Isolated and non-isolated DC/DC-Converters 1W to 1000W, efficiency up to 96%, over-voltage, over-current, short-circuit and over-temperature protection, input voltage range 2,5V - 650V with 10:1, 8:1, 4:1, 2:1 ratios, Railway DC/DC-Converters: 10 to 160VDC input, 5 to 56VDC output voltage, 50 to 800W, High Voltage DC/DC-Converters: 180 to 650VDC, 300 to 800W, AC/DC-Converters 85 to 305V input, 3,3 to 48V output voltage, 5 to 25W, VPX Power Supply 3U 500W and 6U 1000W, VITA 62</p>	<p>Railway, Industrial Applications</p>
	<p>Nanoramic Thermxmit™ is a line of high-end thermal interface gap filler pads. The gap fillers are a non-reactive, non-silicon, no cure system featuring high thermal conductivity and high thermal stability. High Performance TIM Gap Fillers with high thermal conductivity >40W/mK, Electrically Insulating TIM Gap Filler with high thermal conductivity >15W/mK, High thermal stability, with continuous operation over +150°C</p>	<p>Thermal Management, High Power Density Semiconductors, Power Supplies, High Power Cooling Systems</p>
	<p>Single and Dual Output DC/DC Converters from 0.1 to 50W, Industry Standard Footprints SIP, DIP, SMT, 1x1 and 1x2 Thru Hole Patterns, Switch mode AC/DC Supplies; encapsulated PCB mount from 1 to 30W, AC/DC power supplies 25 to 1200W Enclosed/Open frame type, 2-year warranty</p>	<p>Commercial, Industrial Applications, Medical Industry, Railway</p>

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