

POWER MANAGEMENT

Manufacturers	Products	Applications
	Fabless semiconductors, mixed signal integrated circuit solutions, power management & delivery systems Linear regulator (LDO), buck-boost regulator, buck regulator, VRM controller, power stage	Automotive, Server Applications, Wearables
	Isolated single, dual & triple output DC/DC-converters up to 3000W High performance DC/DC-bricks 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 Encapsulated PCB mount from 2 to 60W AC/DC-power supplies 250W, 300W and 600W with 90-264VAC input Switch mode AC/DC supplies, 15 to 150W chassis Industry standard footprints SIP, DIP, SMT, 1x1 and 1x2 thru hole patterns Operating temperature range -40 to +105°C baseplate High efficiency up to 97%	Transportation, Railway, Industrial Applications, Commercial Applications, Medical Industry, Avionics
	Rotary encoders, thin section encoders, bus cover encoders, wheel encoders, bearingless encoders, small size encoders, miniature encoders, motor & gearbox flange encoders. Inductive, magnetic, optical, absolute, incremental, programmable encoders Hollow shaft or shaft options, 12-250mm diameter, up to 200,000 rpm with compact robust design and flange options SSI/BISS, CAN, RS 422 interface, high accuracy up to 21-bit resolution possible -45°C to 100°C operating temperature, shock and vibration resistant, IP65 protection	Motor & Gearbox Applications, Elevators, Industrial Machines, Robotics, E-Mobility, Defense, Medical
	Power management products ideal for applications where performance and quality are critical. DC/DC-converters: isolated from 0.25 to 1500W, non-isolated from 3 to 60V, POL converters, Isolated Gate Drive Power modules, SMD and Through Hole AC/DC-converters: open frame from 250 to 1000W, isolated board mount from 1 to 10W	Industrial, Robotics, Automotive, Medical, Power over Ethernet PoE, Railway
	Isolated and non-isolated DC/DC-converters 1W to 1000W Input voltage range 2.5V to 520V 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 400VDC, 300 to 520W Over-voltage, over-current, short-circuit and over-temperature protection High efficiency up to 96%	Railway, Industrial Applications, Server Applications, Telecommunication
	Ultra-precision Bulk Metal Foil resistor providing an extremely low temperature coefficient of resistance (TCR) and exceptional long-term stability through temperature extremes. High Precision Foil Resistors, Standard & Custom Resistors, Currents Sense-, Power-, SMD-, THT-, Thermosensitive Resistors, Hybrid Chips (PRND), Trimmers, Voltage Divider Networks	Power the innovations, Medical, Industrial Automation, Telecommunications
	Single and dual output DC/DC-converters from 0.1 to 50W, Switch mode AC/DC supplies Encapsulated PCB mount from 1 to 30W AC/DC power supplies 25 to 1200W enclosed/open frame type Industry standard footprints SIP, DIP, SMT, 1x1 and 1x2 thru hole patterns	Railway, Industrial Applications, Commercial Applications, Medical Industry