



PNW HALBAR-RTS

I N C O R P O R A T E D

ACTIVE COMPONENTS



Partners from RF to Light

RF/Microwave - power, diodes, amplifiers, control products, communication processors, mixers, frequency conversion & generation, SDI & HDcctv devices.

Optoelectronics - modules, switches, drivers, lasers.

Technology - Si, GaAs, GaN InP, SiGe, HMIC.



DC/DC - Board mount - isolated & non-isolated, regulated & non-regulated modules; Rack-mount

AC/DC - Rack-mount - rectifiers/chargers, open-frame (12V, 24V, 28V)

DC Power - Rack-mount & Cabinet - power systems, battery charging & distribution - datacenter, wireless, industrial.

PASSIVE COMPONENTS



Bussmann - Fuses/Resetttables. **PowerStor** - Super Capacitors. **PolySurg** - ESD Protection, MLV, TVS. **Coiltronics** - Std/Custom Inductors, & Transformers. **Magnum** - Terminal Blocks.



KOA SPEER ELECTRONICS, INC.

Resistors - current sense, power, precision, wirewound, networks; **Thermal Protection** - chip thermistors & sensors, Ferrite Beads; **Inductors** - chip, thin film.



LED - SMT & thru-hole, automotive, flash, lighting, displays; **Optical Sensors** (light, proximity, UV), **IR sensors & interrupters**, **Photo-coupler**, **IrDA**, **UV LED**.



Capacitors - Ceramic SMT & Leaded HV & High Temp, AC Safety, Planar, Tanceram, Cap Arrays, X2Y, Switchmode. **High-Freq Ceramic** - Multi & Single Layer Caps, RF Inductors, Chip - Antennas, Baluns, Filters, Couplers & Diplexers.



Capacitors - Electrolytic, Polymer, Hybrid, MLCC, Film, & Varistors (MOV).

ELECTROMECHANICAL



Switches & Sensors - Limit & Rocker Switches, Push-Button, Sensors (Proximity/Speed/Angle), Energy Harvesting, Wireless switches, sensors, footswitches, controls, command devices, receiver/transmitter.



Printed Circuit Board (PCB) manufacturing - Quick-Turn - prototype fab. in 24 hrs., up 24 layers in 72 hrs., industry standard & specialty materials, impedance modeling & testing, design assistance. AS9100, ITAR, MIL.



Relays - signal / power / high-freq / auto / SSR, Thermal Printers, **Touch Screens** - Resistive, Connectors, Wireless Modules.



EMI Shielding: Gaskets, Elastomers, Filters, Rings. **Flexible Circuits**: Single & Multi-Layer, Rigid-Flex, High Reliability, SMT Assembly, Value-Add. **Photo-etched Parts**: Light gauge metal (> 0.0005"), precision etching, forming.



BEI Sensors, Crydom, Gigavac, Kavlico, Klixon, BMS - battery management. **Sensors** - Pressure, Temperature, Force, Speed, Level, Position. **Relays. Contactors. Breakers.**



Encoders - Optical, Touch, Hall- Effect, Mech; **Switches, Keypads, Joysticks, Push-Buttons, Vehicle controls/displays, Custom Assemblies**

INTERCONNECT



Connectors - Hi-Rel - modular, Nano-D/Micro-D, circular, Rectangular PCB, High-density, Optical, Z-axis, Stackable. Flex. Assemblies. Power Systems



Interconnect Precision-Machined Pins, Receptacles, IC sockets, Headers & Sockets, Spring-Loaded Contacts & Headers, Application Specific PCB Interconnects. Customized solutions.



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