



# 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.



**Discretes:** MOSFETs, Diodes (Schottky, SiC, Rectifiers, Zener), Transistors, Protection devices

**ICs:** Power management, Bridge rectifiers. **Die Packaging.**

## PASSIVE COMPONENTS



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



**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.

