



# HALBAR-RTS

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

Sales and Engineering  
Representatives

Celebrating Over Thirty-Five Years of Service

## ACTIVE COMPONENTS

### MACOM

[macom.com](http://macom.com)

**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.

### PHIHONG

[phihong.com](http://phihong.com)

**Power Supplies** - AC adaptors & chargers, open frame & network power supplies, PoE midspans / splitters / supplies, OEM power solutions.

### OmniOn Power

[omnionpower.com](http://omnionpower.com)

**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.

### PANJIT SEMICONDUCTORS

[panjit.com.tw/en](http://panjit.com.tw/en)

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

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

## PASSIVE COMPONENTS

### EATON BUSSMANN

[eaton.com/electronics](http://eaton.com/electronics)

**Bussmann** - Fuses/Resettables. **PowerStor** - Super Capacitors. **PolySurg** - ESD Protection, MLV, TVS.

**Coiltronics** - Std/Custom Inductors, & Transformers. **Magnum** -Terminal Blocks.

### KOA

[koaspeer.com](http://koaspeer.com)

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

### LITE-ON

[us.liteon.com](http://us.liteon.com)

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

### TAI-SAW

[taisaw.com/en](http://taisaw.com/en)

**SAW** filters, resonators, oscillators, diplexers; **Crystal** filters, resonators, oscillators (TCXO, VCXO, OCXO, VCO); **Assemblies.**

### JOHANSON

[johansondielectrics.com](http://johansondielectrics.com)  
[johansontechnology.com](http://johansontechnology.com)

**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.

### CHEMI-CON

[chemi-con.com](http://chemi-con.com)

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

## ELECTROMECHANICAL

### ZF ELECTRONICS/STEUTE

[switches-sensors.zf.com](http://switches-sensors.zf.com)

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

### PROTOTRON CIRCUITS

[prototron.com](http://prototron.com)

**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.

### FCL COMPONENTS

[fcl-components.com](http://fcl-components.com)

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

### TECH-ETCH

[tech-etch.com](http://tech-etch.com)

**EMI Shielding:** Gaskets, Elastomers, Filters, Rings.

**Flexible Circuits:** Single & Multi-Layer, Rigid-Flex, High Reliability, SMT Assembly, Value-Add.

**Photoetched Parts:** Light gauge metal (> 0.0005"), precision etching, forming.

## INTERCONNECT

### MILL-MAX MFG. CORP

[mill-max.com](http://mill-max.com)

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

WASHINGTON OFFICE ~ 1110 8th Street ~ Kirkland, WA 98033 ~ (425) 893-8400 ~ FAX (425) 893-8500 ~ [www.halbar.com](http://www.halbar.com)

OREGON OFFICE ~ 8196 SW Hall Blvd, Ste 115, Beaverton, OR 97008 ~ (503) 924-9337 ~ FAX (503) 684-1803



# HALBAR-RTS

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

Sales and Engineering  
Representatives

Celebrating Over Thirty-Five Years of Service

Factory Authorized Distributors	OmniOn Power	ZF Electronics	Eaton Fuses	Eaton Coiltronics	FCL COMPONENTS	KOA	MACOM	Mill-Max	Phihong	Chemic-Con	Johanson	Lite-On	Tai-saw	Tech-Etch	Panjit Semiconductors
A.E. Petsche <a href="http://aepetsche.com.com">aepetsche.com.com</a>															
Arrow <a href="http://arrow.com">arrow.com</a>	●		●	●	●	●		●			●	●			
Avnet <a href="http://avnet.com">avnet.com</a>	●		●	●								●			
Bisco Industries <a href="http://biscoind.com">biscoind.com</a>								●							
Digi-Key <a href="http://digikey.com">digikey.com</a>	●	●	●	●	●	●	●	●	●	●	●	●			●
ElectroSonic <a href="http://e-sonic.com">e-sonic.com</a>			●							●					
Future / FAI <a href="http://futureelectronics.com">futureelectronics.com</a>		●	●	●				●		●		●			
Fuses Unlimited <a href="http://fusesunlimited.com">fusesunlimited.com</a>			●	●											
Heilind Electronics <a href="http://heilind.com">heilind.com</a>			●		●			●						●	
Master Distributors <a href="http://masterdistributors.com">masterdistributors.com</a>		●	●		●					●					
Mouser <a href="http://mouser.com">mouser.com</a>	●	●	●	●	●	●	●	●	●	●	●	●			●
Newark element14 <a href="http://newark.com">newark.com</a>		●	●	●				●		●		●			
Powell Electronics <a href="http://powell.com">powell.com</a>															
Richardson - RFPD <a href="http://rell.com">rell.com</a>							●			●					
RFMW <a href="http://rfmw.com">rfmw.com</a>							●				●		●		
RS <a href="http://us.rs-online.com/">us.rs-online.com/</a>		●	●					●	●						
Sager <a href="http://sager.com">sager.com</a>	●	●	●	●				●	●						
TTI <a href="http://ttiinc.com">ttiinc.com</a>			●	●	●	●				●					●
Utech <a href="http://utech.ca">utech.ca</a>									●		●				
Wesgarde <a href="http://wesgarde.com">wesgarde.com</a>		●													

WASHINGTON OFFICE ~ 1110 8th Street ~ Kirkland, WA 98033 ~ (425) 893-8400 ~ FAX (425) 893-8500 ~ [www.halbar.com](http://www.halbar.com)

OREGON OFFICE ~ 8196 SW Hall Blvd, Ste 115, Beaverton, OR 97008 ~ (503) 924-9337 ~ FAX (503) 684-1803