

# Challenge SALES



**WISE ALLY / DEFOND**  
Contract Manufacturing, Vertically Integrated Design and Manufacturing Technologies in Plastics, Molding, Metal Forming, Plating and Custom Electronic Assemblies. Water Resistant Connectors, Cable Assy's. Factories located in both China and Malaysia.



**E-SWITCH**  
Full line of switches including Anti-Vandal, Toggle, Rocker, Pushbutton, Tactile, Dip, Snap-Action, Slide, Rotary, Keylock, Leaf and Detector. Power Switches, Lighted. Can include Cabling.



**INTERACTIVE DISPLAY SOLUTIONS**  
Leading Industrial Grade Display Solutions. TFT, Passive, Integrated Touchscreen, Optical Coatings, EMI Shielding, Custom Assemblies.



**ITW LUMEX, ITW EBA**  
For over 30 years, Lumex, a member of the ITW Group, has been a global leader in the optoelectronics industry. With the broadest range of high efficiency, high performance LEDs and LCDs in the industry, Lumex provides thousands of standard products and specializes in semi-custom and custom designs.



**JAE ELECTRONICS**  
Custom and Standard Connectors, Docking, Flex/Cable to Board, Rectangular, I/O, Board to Board, Memory, Automotive, Circular.



**METHODE DATAMATE**  
SFP, G.Fast DSL Copper Transceivers, DAC's, Loopbacks and Adapters. QSFP, QSFP+, CXP and QSFP+ to 4 SFP+ DAC.



**NMB FANS, MOTORS**  
AC and DC Axial Fans and Blowers. Ball Bearing, Sleeve Bearing. Custom fan trays. Motorized impellers. UV/Wet location fans. IP69K Rated, Shock Mounts, Accessories. Motors.



**NUTHERM TECH**  
Custom design and simulation for heat sinks; complex machined parts/chassis. Extrusions, embedded and press-fit heat pipes, stacked, skived, crimped fins, die-cast, forged, cold plates.



**PUI AUDIO**  
Speakers, Microphones, Multi-Function devices, Piezo Benders, Alerts, and Vibration Motors. Both Standard and Custom Products and more. Pigtail versions available.



**RADIALL**  
Active Optics, Antennas, Multipin Aerospace and Industrial connectors, Optical Connectors, Assemblies. Outdoor Connectors, RF Microwave Switches, Connectors, Cable Assemblies. Microwave and Space Qualified Components.



**ROGERS CORP**  
Rogers Corp has been providing innovative busbar solutions since 1969. Rogers ROLINX busbars are the global industry leader of laminated busbars. Engineered for power distribution, they are made of copper or aluminum layers separated by insulating materials and laminated into a single structure.



**SL POWER ELECTRONICS**  
SLP is a global leader in designing and manufacturing AC/DC power conversion solutions used by Original Equipment Manufacturers (OEMs) in their most mission-critical applications. Applications include Medical, Test & Measurement, Industrial, etc. High Power Designs up to 3000 Watts.



**SURGE COMPONENTS**  
Leader in surface mount and snap in aluminum electrolytic capacitors in product availability, performance and cost. Our products are AECQ-200 compliant for automotive applications. X2 and Y2 safety film capacitors. General Purpose, Schottky, Fast Recovery, TVS and Bridge Rectifiers.



**TTE - POWER, OPTEK, IRC, BI**  
Power Components, Hybrid Modules, Inductors, Microelectronic Assemblies, Military Connectors, Custom Magnetics, Sensors, Magnetic, Potentiometers, Infrared / UV Optical Devices, Thin Film, Thick Film, Wirewound Resistors.



**UDE CORPORATION**  
Leading Global Manufacturer of the MagJack™ series of products for the Computer, Datacom, Telecom, Industrial and Medical Markets. Discrete LAN Magnetics, High Speed Cables.



**ZEUS BATTERY PRODUCTS**  
A US manufacturer of Custom Battery packs, all battery Chemistries; NiMH, Lithium Ion, Polymer, Sealed Lead and others. Zeus is partnered with a Tier 1 Chinese Battery manufacturer, enabling very competitive pricing for the high volume Consumer Market.



**NETLIST**  
Netlist is a leading supplier of memory products that includes NVMe SSDs (form factors: AIC HHL, U.2, and M.2), Memory Modules, Non-Volatile Memory DIMMs (NVDIMM-N), Flash Cards, and Storage Class Memory (SCM) DIMM. Netlist also has a Joint Development Licensing Agreement with Samsung.

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