



# CROWLEY ASSOCIATES

## METRO NY

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### LINECARD



## *Manufacturers Representative*

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For almost four decades, Crowley Associates has provided exceptional representation and service to our manufacturers, channel partners, and customers.







**Global Leader In The Design And Manufacture Of Highly Engineered Precision Power Conversion Products**

AC-DC Power Supplies: Modular/Configurable Multi-Output; Bulk Power Single Output; Distributed Enclosed Versions; Fanless/Conduction Cooled versions; Datacom/Telecom Racks and Power supplies; Low Power Open Frame versions; Adapters and DIN Rail

DC-DC Power Supplies: Low Voltage PFC and High Power Bricks; Telecom Bricks and POLs; Industrial, Medical & Railway Versions; High Voltage Output DC-DC



**Market Leadership Through Design Innovation In Electromechanical Switches**

High Performance Detect, DIP, DIP Coded Rotary, Keyswitch, Navigation, Pushbutton, Rocker, Rotary, Slide, Snap-Acting, Switchlock, Tactile, Thumbwheel & Toggle Switches. SMT, Through-Hole & PIP, Illuminated, Power, Ultra-Miniature, Low Profile, Sealed, Industrial and Anti-Vandal Switches. Custom Switch Modules & Encoders. EMV and PCI Compliant Smart Card Readers. ESA & NASA High-Rel Connectors.



**Leader In LED Indication, Signals And Components**

Panel Mount Indicators – Wide array of LED panel lights including IP rated, UL, and daylight viewable, Mil-Aero, LED bulbs, and re-lampable

Discrete Surface Mount LEDs – Various chip LEDs, PLCC, right angle, reverse mount, and lensed options

Prism Right Angle SMT – Reflow ready LED packages with the aesthetic appeal of diffused lens and pick and place

CBI Through Hole – 2mm, 3mm, 5mm, & rectangular in many housed configurations and color combinations

OptoPipe Light Pipes – Hundreds of options in right angle, multiple position, vertical, mounting and or shielded



**Leading Global Design And Manufacturer Of Discrete, Connectivity & Timing, Analog & Power Management, Mixed-Signal, Logic Semiconductors**

Power Management - AC-DC, DC-DC regulators, Load/USB Switches, Gate drivers, LED Lighting; Analog - Hall Sensors, LDO, Op-Amps, Comparators, Voltage Refs, Current Monitors, Audio Amplifiers; Connectivity & Timing - Switches/MUX, Redrivers/Repeaters, PCIe Switches, Timing; Logic – Single Gate, Dual Gate, Standard Logic, Voltage Translators, Analog Switches; Discrete- MOSFET, Transistors, IGBT, Diodes, Rectifiers, Protection Devices



**Setting The Standard Of Excellence In Custom Power Supply Design**

Design, test, qualify and manufacture custom power supplies that operate in extreme environments. Current power supplies range between one watt to nine kilowatts. Specialize in high quality, reliable, high and low voltage power supplies. Full customer service from quoting, design reviews, prototypes, documentation, qualify design, testing plans, manufacturing units and 100% final testing and certification.



**Fair-Rite Products Is A Provider Of Standard And Custom Ferrite Products**

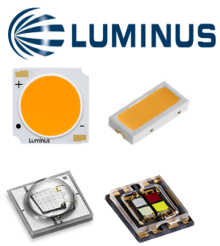
They are a manufacturer of board and cable EMI Suppression and Power & Inductive components. Product offering includes EMI suppression beads, PC & chip beads, Toroids, Antenna/RFID, SM beads etc. Designing solutions for markets & applications such as; Automotive, Mil/Aero, Energy, Medical, RFID, Power Supplies & more. They are ISO 9001 and IATF 16949 certified, as well as ITAR compliant





**High Quality Circular Connectors With Metal Or Plastic Housings**

Push-pull models feature self-latching positive locking with an audible click. Threaded coupling models offer either loose nut or ratchet mechanism. Inserts accommodate single or multipole low voltage, fiber optic, coax, tri-ax, quadrax, high voltage, thermocouple or fluidic/pneumatic contacts. An array of mixed insert options allow for hybrid configurations and customization. Indoor IP50 or ruggedized outdoor IP68 models can be used in many critical performance applications: medical, aerospace, military, industrial control, test & measurement, broadcast video and audio, robotics, and telecommunications.



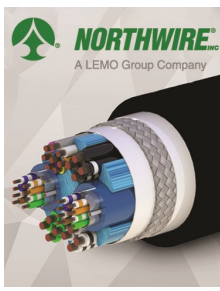
**Global Leader In LED Lighting Solutions For Performance Driven Markets**

Luminus COBs offer a wide spectrum for General Lighting, Hospitality and Retail with excellent color rendering. Dynamic COBs support Color Tuning and Dim to Warm. Offerings of mid power devices in multiple packages for Circadian, Horticulture and General Lighting. High current density LED for UV-A, UV-C, Infrared, Horticulture, Medical, Stage and Machine Vision with an emphasis on optimum photon extraction and sources for etendue-limited applications. Cuvée Systems offers a full line of drivers optimized for compact size, deep dimming and flicker free performance. Partnered with Luminus COBs, the driver family and COBs offer a combined 5 year warranty



**Design, Engineering, And Manufacturing Of User Interface Solutions And Graphic Product Identification Components**

Membrane switches, rubber keypads, capacitive touch, light guides, and touch screens. Plastic injection molding, in-mold decorating, metal and plastic nameplates, as well as several other complementary products and services for customer applications.



**Northwire Design Specialists Partner With You To Develop Your Custom Cable Solutions**

Manufacturer of Technical Cables, Retractable Coil Cords and Cable Assemblies for Medical, Aerospace & Defense, Industrial Automation, Transportation, Heavy Equipment, Robotic, Marine & Underwater, as well as Harsh Environments and Flex Cable.



**Design And Manufacture Of standard And Custom High Performance Interconnect Shielding Products And Connectors**

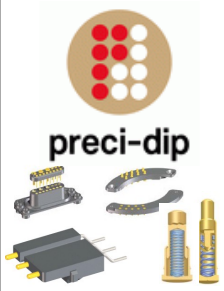
Connector covers D-subminiature, SCSI, V.35, fibre channel (GBIC), telco, RJ and modular style connectors. Custom hardware such as, thumbscrews, machine screws, captive screws and metal drawn cans provide a more complete solution to component needs.



**Panasonic Is A Trusted Name In High-Quality And Innovative Electronic Component Devices And Solutions**

Wireless connectivity devices-WIFI/BT low energy. Relays and contactors. Sensor products including passive thermopile arrays, high sensitivity air quality, gas and flow sensors, passive infrared motion sensors. Graphite thermal interface material. Connectors -Micro-miniature board-to-board, board to FPC/FFC, board-to-micro coax, 5G with narrow pitch. Switches—Tactile and detect, potentiometers and encoders. Capacitors—Polymer, hybrid, film, aluminum electrolytic. Resistors, inductors, circuit protection devices.





**PRECI-DIP Packs Unequaled Expertise Into Cutting-Edge Interconnect Components**

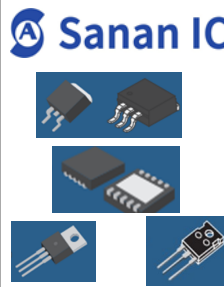
Spring-Loaded pogo pin contacts, socket and pin contacts and military contacts. Spring loaded connector systems, custom-made insulators, PCB connectors, sockets, screw Machined contacts. Various standard and complete custom design solutions



**Leader In EMI Power Line Filters, Domestic And International Power Cords, And Heat Shrink Products.**

Power Products—IEC Inlets/Outlets, NEMA Outlets, EMI Filters (Chassis Mount & Medical), Power Cords

AC Fans; Fan Accessories— Fan guards, filters, vibration sleeves, fan power cords; Circuit Breakers—3 to 40A, single pole and push to reset, custom configurations; electrical sleeving—fiberglass, silicon resin, rubber, PVC, nylon. Cable Assemblies—USB, HDMI, DVI, networking, custom wire harness



**A Leading Vertically-Integrated Compound Semiconductor Device Manufacturer**

Wide Band Gap Power Electronics: Silicon Carbide (SiC) Schottky Barrier Diodes (SBD), SiC MOSFET, GaN E-mode High Electron Mobility Transistors (E-HEMT), in bare die and discrete plastic packages.

Optical Devices: Laser Diodes (LD) and Photodiodes (PD). Indium Phosphide (InP) DFB / FP lasers, GaAs VCSEL's (singlets, arrays), monitor photodiodes (MPD), avalanche photodiodes (APD), epitaxial wafers, foundry services. RF / Millimeter Wave: Wafer foundry services for GaAs HBT, GaAs pHEMT, GaN E-HEMT.



**Designs And Manufactures A Full Range Of High-Performance Fans, Blowers And Coolers**

Low Noise Design Fans DC & AC Fans with MagLev and Vapo-Bearing, AC and DC Blowers, EC Axial Fan with IP21, IP55 and IP68 ratings, LED Cooling Fans and Fan Accessories. Cooling Modules including Heatsinks, heat sink heat pipes and heatsink with fan. Custom Configurations based on your system structure. Complementary design services such as thermal simulation, vent optimization, velocity profile, temperature and pressure distribution, and performance and testing analysis.



**Storage And Embedded IoT Solutions For Demanding Applications.**

Storage Products— SSDs with PCIe and SATA interface - mSATA, Slim SATA, CFast™, M.2 , 2.5", CompactFlash, USB flash drives, SD, micro SD memory cards, managed NAND BGAs

Security Products—storage with integrated security component, security firmware, protection and encryption  
System-in-Package(SiP) - integration of multiple bare dies and components into high density packages



**Synapse Is An IOT Company, Specializes In Intelligent Lighting And Industrial Applications By Providing Software, Hardware, And Networking Capabilities**

Control your industrial and commercial lighting and environmental systems, manage energy use, and optimize your operations, all through our powerful, wireless infrastructure. From lighting controls to industrial sensing, our solutions extend your five senses, giving you access to untapped information and insights.



TRIAD  
MAGNETICS



Triad Magnetics stocks over 1,000 part numbers in their standard product line, or the creative thinkers at Triad can offer powerful custom solutions.

Products: Custom Magnetics, Power Transformers, Current Sense Transformers, Wall Plug-In Transformers, Audio Transformers, Medical Isolation Transformers, Inductors and Chokes, High Frequency Magnetics.

Industries: Industrial & Commercial Equipment, Renewable Energy, Food & Beverage, Transportation, Medical Equipment, Audio & Sound Processing, Power Conversion & Measurement

TT Electronics



Broadline Design And manufacture Of Power, Connectivity, Sensors & Passive Components

Power—custom military power supplies, electromagnetics, hybrid microcircuits, power modules, RF Power MOSFETs, Semiconductors; Connectivity—Connectors, M2M and IOT, HMI Interface; Sensors—opto, flow, level, pressure, temperature sensors; Passive—resistors, magnetics, encoders, potentiometers, trimmers.