USA Stock, Readily Available
AC/DC Power Supplies &
DC/DC Converters
Cosel – produces AC/DC and DC/DC power supplies
from 5W to 5000W in multiple form factors.
EFORE / ROAL Brand Digital Power – offers the
smallest form factor, high efficiency AC-DC power, LED drivers and
data power solutions.
MEAN WELL – provides the largest selection of standard
AC/DC power supplies, LED drivers, DC/AC inverters & chargers,
and surge protection products.
MINMAX Technology Co., Ltd. – produces a comprehensive
line-up of DC/DC converters from 1W to 75W and AC/DC Power
Modules from 2W to 60W.
NetPower Technologies – industry leader in brick style DC/DC
converters with very high efficiency, high power density, isolated
and non-isolated.
Phihong – provides AC/DC adapters (wall plug and desktop),
POE-midspans, extenders and splitters.
Power Partners, Inc. – offers medical and ITE safety certified
AC/DC power supplies.
Protek Power – develops medical and ITE safety certified
AC/DC power supplies, open frame, and desktop.

EMI/EMC Noise Filters
Cosel – provides quality, effective and easy-to-use single phase,
three phase and DC type EMI/EMC noise filters.
Okaya – offers electrical noise and surge suppression
components.

Cable Assemblies & Power Cords
LINVOX Corp. – provides standard and custom power cords
with worldwide safety certificates.

Power Management ICs
Skyworks Solutions – analog semiconductor products
including battery chargers, DC/DC converters, voltage
regulators and LED drivers.

Thermal Management
Bergquist – supplies advanced thermal management materials.
Mechatronics – provides AC and DC axial fans, blowers,
motorized impellers and value-added assemblies.
YS Tech – offers AC and DC axial fans, blowers and cross flow
fans with long life bearing systems.

High-Performance Passive Components
Knowles Capacitors (Novacap) - offers multilayer ceramic
capacitor (MLC) products from 0402 surface mount capacitors
to 10kV high-voltage units.
Okaya – provides electrical noise and surge suppression
components.
Knowles Capacitors (Syfer Technology Limited)
offers application specific multilayer ceramic capacitors and
EMI suppression filters.

Magnetics
Precision – produces standard and custom magnetic
components and assemblies, including transformers, coils,
chokes and inductors.
Pulse Electronics – makes innovative magnetics, antennas,
and connectors for wireless and wireline communications.
Renco Electronics – supplies custom and standard
transformers, chokes, coils, and subassemblies
for many applications.

Fuses
AEM Components – provides surface mount protective and
inductive electronic components for circuit protection and EMI
signal filtering.

Terminals & Connectors
Amphenol LTW – develops waterproof interconnects from IP65
to IP69K for rugged & harsh environment applications including
LED lighting & signage.
JST – supplies interconnection products including wire-to-wire,
wire-to-board, board-to-board, flex/flat cable, memory
connectors and more.

Semiconductors
Electronic Devices (EDI) – produces bridges, low and high
voltage rectifiers, high voltage fast recovery diodes and high
voltage assemblies.

Indication
Okaya – produces a wide range of standard and custom LCD
modules and display technologies with highly accurate touch
panel technology.
SunLED – develops extensive line of LED lamps, surface mount
LEDs, and LED displays that are RoHS and REACH compliant.
Visual Communications (VCC) – supplies LED indicators,
LED light pipes, neon indicators and incandescent indicators.
LED Light Sources

Citizen Electronics – produces COB LEDs for general lighting applications with superior brightness and efficacy and with excellent color control and reliability.

Xicato – offers an ecosystem of intelligent LED modules for downlight and spotlight luminaires, integrating electronics, software and connectivity.

Lumileds – manufactures high-performance LEDs for general illumination applications, including CSP, COB, color, high-power, horticultural, IR, UV and mid-power packages.

Audax Electronics – builds high-performance LED modules utilizing the latest SMD technologies; standard products are designed to work with LEDIL optics.

LED Connectors

Bender + Wirth – offers the most comprehensive line of high quality, pre-wired COB holders with optics mounting options.

BJB – makes a variety of connectors for lighting applications, including COB LED holder systems.

Ideal Industries – provides innovative high-quality COB LED holders and LED optics adaptors.

Amphenol LTW – supplies waterproof interconnects from IP65 to IP69K for rugged and harsh environment applications including LED lighting and signage.

LED Optics

LEDil – creates a wide range of top quality and cost effective standard and custom lenses and reflectors for a variety of LED lighting applications.

LensVector, Inc. – produces liquid crystal controllable lenses in multiple sizes that enable the beam angle from a luminaire to be dynamically shaped from less than 10° to greater than 50°.

Gaggione – manufactures high-quality standard and custom LED optics including collimators, reflectors and Fresnel lenses.

Yongtek – offers complete diffuser solutions and many kinds of LED plastic sheets and LED fixture covers.

LED Drivers

MEAN WELL – manufactures more than 1000 high-quality LED driver models from 8W to 600W, complying with global lighting standards.

EFORE-ROAL Digital Light – delivers the widest range of constant current drivers and the smallest constant voltage drivers available in the industry.

MOSO – delivers high quality, cost effective outdoor LED lighting solutions. Fully programmable LED drivers are available from 75W to 320W.

Xicato – offers programmable drivers featuring Bluetooth and/or wired control for the majority of LED light sources up to 56W.

Thermal Management

MechaTronix – designs passive and active LED coolers, including round pin fin and star heat sinks with standard mounting holes for direct or holder mounting of COB LEDs and optics.

Furukawa Electric (Thermal Management Solutions) – manufactures high-performance LEDs for general illumination applications, including antennas, modules, remote controls and RF connectors.

EnOcean – provides self-powered (energy-harvesting) wireless switches and sensors for BLE-enabled LED lighting modules.

IR-TEC – builds sensor and control solutions for energy efficient lighting including occupancy, vacancy and daylight sensors.

Xicato – portable spectrometers with best in class accuracy.

Eulum Designs – develops wireless modules to integrate LED technologies with intelligent lighting networks via Bluetooth.

Sensors & Wireless Solutions

All Sensors – a leading manufacturer of MEMS piezoresistive pressure sensors and pressure transducers.

Andon Electronics – offers optoelectronics, image sensors, gas sensors, IC sockets, micro-precision sockets, adapters, board-to-board interconnects and contact/terminal products.

EM Microelectronic – a semiconductor manufacturer specialized in the design and production of ultralow power, low voltage integrated circuits for battery-operated and field-powered applications in consumer, automotive and industrial areas.

Fanstel – offers powerful, highly flexible, ultra-low power Bluetooth low energy (BLE) modules using Nordic nRF52 SoCs.

LinX Technologies – manufactures wireless components including antennas, modules, remote controls and RF connectors.

MegaChips – designs innovative semiconductor devices that have revolutionized the image processing, gaming, audio, display, enterprise, home automation, and communications markets.

notWired.co – an engineering team with experience in complex embedded designs with expertise in hardware/PCB, embedded firmware, Bluetooth/BTLE, WIFI, mobile app development, and PC app development.

NovaSensor/Amphenol – produces high-performance MEMS pressure sensors for medical, automotive, industrial, and consumer applications.
Amplifiers & ICs

KCB Solutions Inc. – supplies RF and microwave surface mount components for high reliability/high-performance applications within the avionics, satellite and defense industry.

Skyworks Solutions, Inc. – designs innovative high-performance analog semiconductors. Skyworks supports automotive, broadband, wireless infrastructure, energy management, GPS, industrial, medical, military, wireless networking, smartphone and tablet applications. The company’s portfolio includes amplifiers, attenuators, circulators, demodulators, detectors, diodes, directional couplers, front-end modules, hybrids, infrastructure RF subsystems, lighting and display solutions, mixers, modulators, optocouplers, opto-isolators, phase shifters, PLLs/synthesizers/VCOs, power dividers/combiners, power management devices, receivers, and switches.

Sumitomo Electric Device Innovations USA – supplies microwave and millimeter wave RF devices for cellular, broadcast, satellite, point-to-point radio, general communications and radar applications. Provides leading-edge GaAs and GaN products such as low noise amplifiers, up converters, down converters, internally matched FET amplifiers (IMFET), amplifiers, and discrete transistors. A recognized leader in quality and reliability with a strong heritage in research and development.

Connectors & Cables

Carlisle Interconnect Technologies – produces high-performance cable interconnect systems and manufactures high end RF/Microwave connectors. Develops and produces high-speed wireless communications, automated test equipment, microwave/RF transmission and more.

Micro-Coax – provides semi-rigid cable, hand-formable cable, flexible coax cable, spline dielectric coax cable and RF cable assemblies.

RF Industries – develops coaxial connectors, very low cost, SMA, SMB, BNC, TNC, N, UHF, Mini-UHF, FME, LMR, 7/16 DIN, adapter kits, and direct replacement for Amphenol connectors.

Oscillators & Timing

Mercury United Electronics Inc. – manufactures frequency control products that include crystals, oscillators, low EMI spread spectrum clock oscillators, (quick-turn) TCXO’s, VCTCXO’s, VCXO’s, OCXO’s and monolithic crystal filters.

MtronPTI – provides crystal-based timing solutions such as TCXO and OCXO products for use in wireless or wireline communications equipment, computing, and networking equipment. Also provides high-performance custom and semi-custom filter applications for RF and microwave applications.

Taitien – offers OCXO, TCXO, VCTOX, crystal, and crystal oscillators. Taitien frequency products support various fields including automotive, consumer electronics, information technology and telecommunications.

Passives & Materials

ARC Technologies – designs and manufactures microwave absorbing materials for commercial and defense applications. While providing a complete range of standard absorber products, ARC Technologies also offers dielectric materials, composites, radomes, and radar absorbing structures (RAS).

Knowles Capacitors (Dielectric Laboratories) – offers application specific microwave and millimeter wave components serving customers in fiber optic, wireless, medical, transportation, semiconductor, avionics and military markets. Manufacturers high Q multi-layer capacitors (MLC) and single-layer capacitors (SLC), resonators, filters, broadband DC blocks, thin film components, and custom ceramic components.

Gowanda Electronics – designs and manufactures inductors for a wide range of High-Q RF and power applications. Their subsidiary, Instec, also provides EMI filtering solutions.

Pulse Electronics – produces antenna solutions for WiFi, Bluetooth, GPS, Zigbee, and similar applications. They offer both internal and external antenna options and support a variety of vehicular-mount antenna products. Pulse also offers a variety of RF magnetic and inductor products.

Tai-Saw Technology Co. Ltd. – recognized as the leading SAW (surface acoustic wave) device supplier in Taiwan, as well as the key OEM/ODM supplier of SAW devices in the world.

Three Uniques About CDI:

Our commerce enablement tools make it efficient and effective for customers to find and purchase the right technical solution from our world class suppliers.

Our professional, personalized and flexible customer service makes us easy to do business with.

Our product design support coupled with our expertise, tools and world class products helps customers accelerate their time to market.
**Component Distributors, Inc. (CDI)** is a value-added distributor of electronic components, specializing in high-performance RF, sensor, LED and power electronics technologies for a variety of OEM system applications.

CDI distributes globally and provides local customer service and application support across the Americas (USA, Canada, Mexico and Brazil).

CDI delivers technical solutions that are easy to find and easy to buy, providing customers and supplier partners with design services, web commerce enablement and flexible supply chain solutions.

CDI also provides the following services for customers:
- Inventory of popular part numbers
- Low minimum order quantities to support development, prototyping and small production runs
- Shorter than factory lead times with forecast
- Technical support
- White papers, application notes and reference designs
- 30-day purchasing credit terms for qualified companies

### INBOUND SALES USA

**Toll-Free:** 1-800-777-7334  
**Email:** sales@cdiweb.com

<table>
<thead>
<tr>
<th>Region</th>
<th>Contact Information</th>
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</table>
| Northwest               | AK, ID (West), OR, WA  
(888) 734-9600 Toll-Free  
seattle@cdiweb.com       |
| Northern California     | CA (North), HI, NV (North)  
(800) 536-9833 Toll-Free  
(408) 733-7044 Direct  
sanjose@cdiweb.com       |
| Southern California     | CA (South), NV (South)  
(800) 372-1580 Toll-Free  
(858) 535-0003 Direct  
sandiego@cdiweb.com      |
| Rocky Mountains         | AZ, CO, ID (East), KS, ND, NE, MT, NM, SD, UT, WY  
(800) 551-7357 Toll-Free  
(720) 962-5152 Direct  
denver@cdiweb.com        |
| North Central           | IA, IL, IN, MI, MN, MO, WI  
(866) 457-9430 Toll-Free  
chicago@cdiweb.com       |
| South Central           | AR, LA, OK, TX  
(800) 848-4234 Toll-Free  
(972) 578-2644 Direct  
dallas@cdiweb.com        |
| Northeast               | CT, MA, ME, NH, NY, RI, VT  
(800) 303-6440 Toll-Free  
northeast@cdiweb.com     |
| Mid-Atlantic            | DC, DE, MD, NJ, OH, PA, VA  
(800) 293-2080 Toll-Free  
(303) 357-2741 Direct  
midatlantic@cdiweb.com   |
| Southeast               | AL, FL, GA, KY, MS, NC, PR, SC, TN, WV  
(800) 558-2351 Toll-Free  
(321) 724-9910 Direct  
southeast@cdiweb.com     |

### INBOUND SALES INTERNATIONAL

**REST OF WORLD**

<table>
<thead>
<tr>
<th>Region</th>
<th>Contact Information</th>
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</thead>
</table>
| Canada                  | +1 (877) 691-4121 Toll-Free  
canada@cdiweb.com       |
| Argentina               | argentina@cdiweb.com                         |
| Colombia                | colombia@cdiweb.com                          |
| México                  | +52 (33) 3641-5051 / 52  
mexico@cdiweb.com       |
| Brasil                  | +55 (19) 3305-7569 Direct  
cdibrasil@brasil.cdiweb.com |
| América Latina (otros países) | +55 (19) 3305-7569 Direct  
americalatina@cdiweb.com |
| Asia, China, Australia, Middle East, Israel | +1 (303) 357-2738 Direct  
asia@cdiweb.com         |

### CORPORATE FACILITIES

<table>
<thead>
<tr>
<th>Facility</th>
<th>Address</th>
</tr>
</thead>
</table>
| Warehouse Executive Office| 3963 Walnut Street  
Denver, CO 80205  
(303) 531-1800 Direct      |
| Accounting                | (303) 531-1880 Direct  
ar@cdiweb.com             |
| Accounts Payable and Receivable | PO Box 13017  
Denver, CO 80201-3017    |