

FTW (www.FTWLLC.net) is a Manufacturers' Representative with a focus on **Power Components, and Products**. We have developed a well-balanced set of suppliers to meet your entire product and support needs. Our territory is the Great Lakes Region, from Minnesota to Kentucky, and parts of Iowa to Ohio. Newly added, supporting the greater Southwest from Southern California to Colorado, and from Texas to Nevada. We are here to serve you with fast and responsive service, with a thorough knowledge of our offerings.

COMPONENTS

United Silicon Carbide, Inc. (www.UnitedSiC.com)

SiC DIODES & SWITCHES

United SiC (USCI) is changing the way energy is processed through breakthrough **Silicon Carbide (SiC) technology**. United SiC power semiconductor products deliver record-breaking efficiency, greater power density, and higher reliability than comparable silicon-based and even SiC devices. Standard products include 650V to 1700V JBS Schottky Diodes and normally open & normally closed JFETs. Check out the new GEN4 products that have just been released in December 2020. These parts raise the bar even higher for power density and capability.

CapXon (www.CapXonGroup.com)

ELECTROLYTIC, POLYMER, HYBRID CAPACITORS

CapXon is a global leader in Electrolytic Capacitors and is **IATF 16949 Certified**. They offer aluminum electrolytic, conductive polymer and hybrid electrolytic capacitors as well as etched and formed aluminum foil. The full Hybrid Polymer library of products and various series of electrolytic caps are **AEC-Q200 approved** with high temperature ratings of up to 150°C & high vibration capabilities of up to 30G. Product range starts at 4mm diameter cans in SMD up to large screw capacitors with 650V values. The 40 years of experience in electrolytic capacitors, patented technologies, and a monthly overall production capacity of one billion pieces gives our customers the needed technology and stable product supply for all of their needs. Whether it is an off the shelf capacitor from their 100 catalog series components, or as customized solution, which is tailored to your application, CapXon has the electrolytic capacitor solution for you.

Polycharge America, Inc. (www.Polycharge.com)

NANOLAM CAPACITORS

Capacitors produced using Polycharge NanoLam Technology are hitting the market in force. Polycharge NanoLam capacitors, especially for DC link applications, are about 30% - 50% the size of polypropylene film caps, can handle environments up to 140C, can handle similar ripple currents, and can maintain capacitance at high frequencies.

Xiamen Faratronic (www.Faratronic.com.cn)

FILM CAPACITORS

Faratronic is the leading film capacitor manufacturer in the world and can produce most all kinds of film capacitors, including PCB film, DC-Link, IGBT snubber, AC motor and AC filter capacitors. Faratronic has a very strong Research Department with a 10,000 square meter center. The testing center, one of the largest in the world, is ISO17025 certified. Faratronic is very flexible and can also produce customized film capacitors according to a customer's request.

Richardson Electronics, LTD. (www.RELL.com)

NATIONAL ELECTRONICS

RELL is a power electronic product and component distributor, offering numerous brands including their own National Electronics brand. Other products offered are: power discretes and modules (**SCRs, Diodes, IGBTs, Super Junction MOSFET, IGBT Power Stacks, Si and SiC devices, GaN power transistors**), a full array of capacitors (**electrolytic, film, RF power ceramic, Vacuum, Mica etc.**), **ultra-capacitors** (aka. **supercapacitor** or **electric double layer capacitor**), Magnetics, Power resistors, and thermal management products (**heatsinks, fans, cooling plates**, etc.).

PRODUCTS

FEDCO Batteries, Inc. (www.FedcoBatteries.com)

BATTERY PACKS & CELLS

FEDCO is the nation's largest value-added **battery distributor** serving the information technology industry. Fedco also is a leading designer, engineer and manufacturing expert of custom, high quality battery packs that coupled with ac adapters and dc power adapters and chargers and electronics, provides a total power solution. Established in 1975, Fedco has become one of the most respected names in the battery industry through our commitment to provide high quality products at competitive prices along with unsurpassed customer service.