

KSA LINECARD

POWER, THERMAL AND  
EMI SOLUTIONS



RF AND MICROWAVE



MILITARY AND SPACE



COMPONENTS



## POWER

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### **Vicor**

High Density DC/DC converters - Military - COTS - PFC - Front Ends - Accessory Filters - Watts to Kilowatts - AC/DC & DC/DC - 1 to 20 Outputs - Factory and Field Configurable - NEW VI-Chip (Factorized POWER)

Visit their website: [www.vicr.com](http://www.vicr.com)

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### **Mission Power Solutions**

Power Supplies, Custom, Configurable, AC/DC, Front Ends, DC/DC, Commercial, Industrial, Military, COTS, Unlimited Outputs - As part of Vicor Power Mission Power also offers Engineering Design - and Complete Power Manufacturing Services

Visit their website: [www.mpwrs.com](http://www.mpwrs.com)

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### **RECOM Power Inc.**

RECOM manufactures high quality, innovative and certified DC/DC-Converters, AC/DC-Converters and high efficiency Switching regulators from 0.25W up to 125W, including customer specials.

Visit their website: [www.recom-power.com](http://www.recom-power.com)

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### **T M C**

SMT Inductors (shield & un-shield): Multilayer, Wirewound, High Current (low DCR). Through Hole Inductors (shield & un-shield): Radial & Axial. Chokes: DC Power, Common Mode. HF Transformers: Flyback, High Voltage, Inverter, Gate Drive, Current Sense, DSL., LF Transformers: Audio, Modem, 50/60Hz Laminated Power, Toroid. RJ45 MagJack: 10/100Base-T POE, Ferrite Beads, High Current Beads, Bead Array, Chip Inductors, Common Mode Chokes, Balun Transformers, 3-Terminal Filters

Visit their website: [www.topmagnetics.com](http://www.topmagnetics.com)

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### **Darrah Electric Company**

Darrah specializes in Power Semiconductors, Assemblies, IGBTs, SCRs, Diodes, Controlled Power Supply Systems and Custom Designs & - High Power Supplies

Visit their website: [www.darrahelectric.com](http://www.darrahelectric.com)

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## PCBs - Rigid & Flex

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### **Cirexx International**

Cirexx provides Quick Turn Design, Fabrication and Assembly solutions for your Flex, Dynamic Flex, and Rigid-Flex Printed Circuit Boards. Cirexx's customers work directly with their Engineering and Manufacturing staff. Cirexx has over 65 years of combined Flex Circuit Engineering and Manufacturing experience. When time is money, Cirexx can help you meet your time line by expediting the design, build and complete board assembly of your first prototypes.

Visit their website: [www.cirexx.com](http://www.cirexx.com)

## BATTERIES

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### **MicroSun**

MicroSun offers custom designed battery packs (Lithium Polymer, NiCd, Lead Acid, NiMH, Primary Cells,) innovative charge designs and state-of-the-art manufacturing and testing.

Visit their website: [www.microsuntech.com](http://www.microsuntech.com)

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## THERMAL & EMI SOLUTIONS

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### **Vicor**

Mounting and thermal supplies including fins, thermal pads, and heat sinks are specially designed for both 1st Gen - and 2nd Gen DC-DC Converters or ThermScreen Mounting Surface

Visit their website: [www.vicr.com](http://www.vicr.com)

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### **JMK**

JMK has 25 years of experience designing and manufacturing RFI / EMI filters to meet unique mechanical, electronic or environmental requirements. JMK has over 2000 designs, which can be adapted to meet your needs. Most of JMK's filters carry internationally recognised approval standards. In addition JMK is also happy to custom design filters to your own individual specifications.

Visit their website: [www.jmkfilters.com](http://www.jmkfilters.com)

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### **EMI Solutions**

EMI Solutions, LLC is a high technology electronic component manufacturer headquartered in Irvine California, offering EMI Filter solutions to equipment manufacturers. EMI Solutions services most electronics marketplaces including the Computer, Control Systems, Telecommunications, Military and Aerospace markets.

Visit their website: [www.4emi.com](http://www.4emi.com)

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### **Tennmax**

TennMax is dedicated to the development of EMI & Thermal Management products and services. Some key market segments include Computers, PC Peripherals, Wireless infrastructure and the Display industry. As system complexities increase and CPU clock speeds go higher, EMI and Thermal requirements become more critical. Because of this we maintain two distinctively different divisions that allow our Engineering and Marketing teams to focus on meeting their customer's requirements

Visit their website: [www.tennmax.com.tw](http://www.tennmax.com.tw)

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### Teledyne Microwave

Amplifiers (0.5GHz - 40GHz), BAW Delay Devices, Ferrites (high power Isolators & Circulators with Full Mil-Spec performance / other Hyper-Mode and Narrow-band isolators can be custom engineered to meet your unique specifications), Amplifier Subsystems to 40 GHz for Commercial, Military, and Space Grade products applications: Including Wireless Infrastructure-, mm Wave-, Satellite-, Optical-, Radar- and Military communication equipment, Synthesizers, Transceivers (7GHz - 40GHz), YIG Products

Visit their website: [www.teledynewireless.com](http://www.teledynewireless.com)



### MIMIX Broadband

Die and packaged GaAs MMICs, FETs, Commercial, Military and Space Grade products available. Applications include: Wireless Infrastructure, mm Wave, Satellite, Optical, Radar and Military communication equipment. Power-, Low Noise-, Buffer- and Distributed Amplifiers - Receivers - Transmitters - Multipliers - Mixers - Oscillators - Prescalers & Dividers

Visit their website: [www.mimixbroadband.com](http://www.mimixbroadband.com)



### Teledyne KW Microwave

GPS PRODUCTS GPS Diplexers, GPS Low -Noise Amps, GPS PreAmps, GPS Filters FILTERS Ceramic, Lumped Element, Compline & Interdigital, Tubular, Waveguide, ISO, Switch & Pin Diode Switches, Cellular & Wireless

Visit their website: [www.teledynekwmicrowave.com](http://www.teledynekwmicrowave.com)



### COM DEV

Custom-designed SAW devices for commercial, defense and aerospace applications. Uses range from point to point radio systems, to wireless telecommunications, RFID, sensors and satellite installations, automotive and medical systems. On site 0.35 micron SAW Foundry capable of producing prototype-level devices to high volume runs from IF to 3 GHz.

Visit their website: [www.saw-device.com](http://www.saw-device.com)



### EM RESEARCH

High-performance standard & custom-designed frequency synthesizers. Phase-locked frequency sources for GSM, PCS, ISM Band, WLAN, fiber optics/SONET, MMDS, WLL, UNII, VSAT, LMDS and Microwave digital radios. Commercial and Military applications covering 10 MHz up to 14 GHz.

Visit their website: [www.emresearch.com](http://www.emresearch.com)



### LABTECH

High End Microwave Printed Circuit Boards and MMIC packaging solutions and MIC assemblies including single and double sided softboard, Metal backed PTFE circuits, and PTFE multi layer Microwave circuits.

Visit their website: [www.labtechcircuits.com](http://www.labtechcircuits.com)



**Vicor**

Military C O T S - 28V DC-DCVI Chip Modules - EMI Filtering and Transient Suppression (MIL-STD 1275B & MIL-STD 461E compliance) - AC/DC and DC/DC M-Grade Component and Configurable Power Solutions

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**LXD Crystal Displays**

LXD, LLC was founded by the originators of LCD's. Our roots go back to the International Liquid Crystal Company--the inventors of TN liquid crystal displays. LXD has been a major contributor to the LCD industry in manufacturing, development, and research for over 35 years., with over 30 patents (pins, fluids, and electronics) for improving the optical and environmental performance of LCDs. LXD set the initial standard for extended temperature range (-55°C to +122°C), wide margins of environmental stability, and extremely wide viewing angles.

Visit their website: [www.lxdinc.com](http://www.lxdinc.com)

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**Kientec**

KSI is an industry leader in manufacturing specialty fiber optic interconnect products, components, flexible tubes, and custom assemblies. Our products are widely used in various markets, including telecommunication, medical, military, and industrial automation.

Visit their website: [www.kientec.com](http://www.kientec.com)

**Linear Photonics, LLC**

Linear Photonics, LLC designs and manufactures analog fiber optic links and sensor systems with unparalleled performance. They support customers in deploying LPL equipment in applications such as: Hybrid Fiber-Coax Networks - Hi-Rel EW Systems - Satellite Communication Links - Remote Sensing Systems

Visit their website: [www.linphotonics.com](http://www.linphotonics.com)

**EMI Solutions**

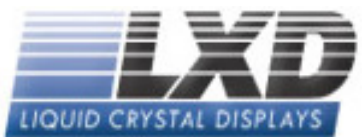
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Visit their website: [www.4emi.com](http://www.4emi.com)

**Piezo Buzzers, - Elements, Receivers, Speakers, Microphones**

KSA is a US Distributor and authorized Representative for audio parts such as Piezo- and Magnetic Buzzers, Micro Speakers, Dynamic Receivers, Electret Condenser Microphones. For approved customers, KSA will stock products locally in the USA.

Visit their website: [www.ksa.com/audio.html](http://www.ksa.com/audio.html)

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