

Edward Blake
Associates, Inc.



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*Manufacturers Representatives of Quality Electronic Components
Serving The Northern California and Northern Nevada Electronics Industry Since 1971*

Line List of Products and Services



Complete Thick Film Design Capabilities RoHS Compliant;

- Hybrid (thick film) design, manufacture and assembly, including print/dry/fire info, laser trimming of resistors, chip and wire, flip-chip and SMT, final packaging, encapsulation and test.
- Circuit board assembly with functional test, and using IPC-728 design rules, inspected to IPC 610 class 2 and 3, and J-STD-001 trainer on-board.
- Conductor Lines to 8 mils, Resistor Design, Chip and Wire, Ball Grid Arrays, Custom Electronic Packages, Extensive Experience in Complex Hybrid and Power Hybrid Design, Fast Design and Prototype Turnarounds, Substrate Print and Fire 2,400 square foot
- 10K Class Clean Room , three RTC Thick Film Firing Furnaces, Five DEK Thick Film Printers, Auto Load and Unload, Multiple Up Capabilities, In-House Screen Production



- **UL/CSA Cordsets and Power Cords**, Hand Assembled Plugs and Connectors,
- **Cordage, AC Inlets/Outlets, Accessory Power Distribution.** All products produced are now **RoHS Compliant**
- MEGA Electronics Inc. provides customers with the **DC/DC and AC/DC converters up to 100 Watts** needed to meet their performance and financial requirements. The original MEGA M-Line of converters has been enhanced with the Continuum C-Line adding additional wattage, features and universal input AC/DC converters.
- **All parts are ROHS compliant** and available with a variety of options, such as metal cases, continuous short circuit protection, isolation up to 10kV from input to output, isolation between outputs, and remote control pins.
- All MEGA converters are 100% electrically tested throughout the production process, both prior to and after potting, with the final circuit and hi-pot test coming after burn in. Potting compounds are blended in a vacuum lowering the risk of air bulbs forming in the converters, a major cause of product failures. As a result the converters have low failure rates and high MTB lifetimes.
- Our converters are UL recognized and CE approved and can be found under the MEGA UL file number E308433. In addition to the converters shown here, parts can be adjusted or custom manufactured to meet specific input and output voltages.



Woven Electronics is an ISO-9001 Certified company that engineers and manufacturers custom interconnects for

- Aerospace
- commercial electronics
- defense
- medical: including Autoclaveable and disposable designs
- telecommunications
- Specialties include the design, packaging, and manufacture of:
Woven Organized Wiring
- coax, terminators
- harnesse
- probes
- I/O cables (SCSI, HPPI)
- Fibre-Channel,
- As well as connector backshells for all types of operating environments

Product References

Cordsets, Plugs, DC-DC Converters	Hybrid Thick Film Design and Assembly
UL-CSA-VDE and other agency approvals: Cordsets and Power cords, plugs and connectors Cordage AC Inlets/Outlets Accessory Power Distribution DC-DC Converters to 100 Watts	Complete Thick Film Design Capabilities. Conductor Lines to 8 mils, Resistor Design, Chip and Wire, Ball Grid Arrays, Custom Electronic Packages, Extensive Experience in Complex Hybrid and Power Hybrid Design, Fast Design and Prototype Turnarounds Circuit board assembly with functional test, and using IPC-728 design rules, inspected to IPC 610 class 2 and 3, and J-STD-001 trainer on-board.
Custom Cable Assemblies and Harnesses	Distributed Power
<ul style="list-style-type: none"> • aerospace • commercial • defense • medical • telecommunications markets • Experience with coax, terminators, harnesses, probes, I/O cables (SCSI, HPPI, Fibre-Channel, etc.) • Connector backshells for all types of operating environments 	<ul style="list-style-type: none"> • DC-DC Converters to 100 Watts • AC-DC Converters from 5 Watts to 60 Watts • Switching Regulators rated for 7.5 Watts • Thru Hole and SMD configurations • SMD Version has programmable capabilities • 3 Series to choose from
Contract Manufacturing Services	
<ul style="list-style-type: none"> • Contract Manufacturing Services Complete Box Build Capabilities extend across a wide spectrum of manufacturing methods and technologies 	

Principal Contact Information

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