

1. Electronic Engineering: Power Design Engineer

We are offering a position for a power conversion designer in our Springfield-OH office.

Job description and key responsibilities:

- Design power conversion systems typically from 1W to 10kW. The power supply circuit designs are either custom specific or commercial-off-the-shelf (COTS) systems, involving MIL-STD interfaces and ANSI / VITA standards.
- Development of analog and digital controls and monitoring circuits, programming of digital I/O (FPGA, microcontroller, DSP).
- Create printed circuit layouts for power supply designs.
- Participate in concept-to-production development, test and documentation.
- Perform design and test verification of formal electrical and mechanical environmental requirements, and EMI/EMC compliance requirements.
- Build prototypes, test, and support manufacturing of power supplies.

Qualifications / Requirements:

- Bachelor or master's degree in electrical engineering
- 3 to 5 years work experience in power electronics
- Applied experience in electronics design with focus on analog/ digital power supply design.
- Knowledge of power conversion techniques and analog circuits, and EMI measurement and mitigation techniques.
- Competence in circuit simulation tools, electronic design software and printed circuit layout.
- Knowledge of military specifications and standards.
- US citizenship.
- Laboratory acumen including knowledge of test equipment, hand tools, and prototype construction techniques including TH/SMT soldering.

2. Electronic Engineering - Technician Position

We are offering a position in engineering support in our Springfield-OH office. The candidate should be an experienced technician with board level soldering, test and repair capability.

The responsibilities include:

- Support the engineers in their daily work

- Build and assemble prototypes and small series of electronic circuits / boards
- Diagnose, trouble shooting and repair electronic circuits
- Perform tests of circuits, collect and summarize data and write test reports
- Support testing at customer sites or external test labs
- Maintain stock of electronic components for engineering
- Support production (part lists, assembly instructions, estimates, orders, ...)
- Participate in ISO 9001 and other standards compliance

Desired Qualifications:

- Associate degree or equivalent experience in engineering technology.
- 5-year experience supporting electronics assembly & design.
- Ability to interpret documented procedures, read and understand schematics & PCB layouts, drawings and bill of materials.
- SMT PCB rework experience is a must.
- Experience using electronic test equipment (e.g. DMM, oscilloscopes, function generator, electronic loads, etc.)
- Knowledge of J-STD-001, IPC-610 & MIL testing standards are a plus.
- Good verbal and written communication skills.

In case of interest please contact:

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