

Job ID:	371
Job Title:	Electronics Engineer
Degree Requirements:	BS Electronics Engineering
Years of Experience:	5+ Design / Development Engineering Experience
Type of Position:	Direct Hire
Location:	East Tennessee
Salary Range:	Depends on Experience and Expertise
Travel Required:	<15%

PLEASE HELP US HELP YOU by telling us what your employers do to make money. Do not assume that we know anything about them. One or Two sentences will suffice.

In today's world let your potential employers know what your US IMMIGRATION STATUS is { Citizen, Permanent Resident / Green Card, Type of Visa } and when the Visa must be renewed.

Our client is a designer, manufacturer, and integrator of precision control components & high-performance systems. They are a Power Electronics Engineer to develop MIL-SPEC AC and DC power supply systems for embedded avionics & military ground support electronic hardware.

The client offers

- * Competitive salary
- * Flexible Planned Vacation – no minimum or maximum number of days off
- * Outstanding Health Benefits
- * Generous 401K company contribution and match

The **MUST HAVE REQUIREMENTS** to be considered are:

- * US Citizenship or Green Card Holder
- * BS in Electronics Engineering (or similar curriculum)
- * 5+ years Electronic / Electrical Design / Development engineering experience
- * Knowledge of MIL-STD-704, MIL-STD-1275, MIL-STD-461
- * Prior demonstrable experience and knowledge with switch mode power supplies & other various power supply topologies
- * Prior demonstrable experience and knowledge of design & analysis of power filters, power quality, harmonic distortion, ripple, noise, feedback loop compensation, magnetic design and EMI considerations
- * Prior demonstrable experience and knowledge of analog and digital power supply testing, part selection & derating
- * Prior demonstrable experience and knowledge of performing engineering analysis of power electrical circuits and systems
- * High degree of proficiency using ECAD software

PLUSSES in this position are:

- * Presently hold DoD Security Clearance
- * Design / Development engineering experience for the military or aerospace industry
- * OrCAD Schematic Entry proficiency
- * Cadence Allegro PWB Layout proficiency

The **RESPONSIBILITIES** of this position include, but are not limited to:

- * Work alone or as part of a team, you will be a primary contributor to the analysis, conceptual design, development, & testing of complex hardware
- * Contribute to the development of AC to DC & DC to DC product requirements
- * Consult with internal & external customers
- * Design and develop hardware schematics, PCB layouts, & Bills of Materials (BOM)
- * Conduct hardware / software level integration & tests
- * Support technical project planning (designs, proposals, cost estimates, schedules & technical interface meetings during program lifecycle)
- * Ensure traceability between customer requirements and system requirements
- * Develop engineering test requirements & unit / subsystem / system test plans
- * Identify risks and issues and to provide appropriate solutions

If you meet these requirements and wish to be considered for this position, send your résumé, that **includes what your employers do to make their money**, to us in a Word document without Headers / Footers, or Text Boxes at [Resumes AT PinnaclePlacementGroup.com](http://ResumesATPinnaclePlacementGroup.com) mentioning the **Job ID** and the **Job Title** in the subject line of your email.

*** ALL CLIENTS REQUIRE, BACKGROUND CHECKS & DRUG TEST AS A PART OF PRE- EMPLOYMENT HIRING PROCESS.**

In your email or cover letter, please provide us a short narrative detailing your experience and expertise as it applies to this position. Also, please provide us with your *MINIMUM* salary requirements.

Applicants for employment are to be considered for employment based on the individual applicant's qualifications and without regard to race, color, creed, gender, age, disability, national origin, religion, veteran status, uniform service member status, marital status, sexual orientation, citizenship status, genetic information, or on account of membership in any protected category under federal, state, and local laws.

KEY WORDS: Electronic Design, Electrical Design, Electronic Development, Electrical Development, BS Electronics Engineering, BS Electrical Engineering, Power Supply, Aerospace, Military, MIL-STD-704, MIL-STD-1275, MIL-STD-461, AC to DC, DC to DC, OrCAD, ECAD, Hardware Schematics, PCB Layouts, Bills of Materials, BOM, Hardware Testing, Hardware Integration, Software Testing, Software Integration, Technical Project Planning