



Power Electronics Engineer

About American Reliance Inc.

With over two decades of experience, American Reliance Inc. (AMREL) has acquired novel technologies to capture the emerging markets of rugged computers, electronic test equipment, medical equipment, and solar energy. Armed with the right tools, AMREL is positioned for tremendous growth over the next three years to become a public company by 2013. This is a rare, explosive growth opportunity for entrepreneurial-spirited individuals who are enthusiastic about diverse emerging industries. Your total commitment will result in the opportunity to reap generous rewards from the overall success of the company.

The Position

Based out of El Monte, California, AMREL is seeking an Electronics Engineer with strong work ethics and a get-it-done attitude. We are looking for an ambitious, motivated, and energetic individual who can leverage their knowledge and experience in power electronics for our Renewable Energy division. The successful candidate will be responsible for:

Responsibilities

- Responsible for bench work involving breadboard layout, qualification, testing, troubleshooting, soldering, and assembly of prototypes
- Perform tests to validate product specifications
- Document validation testing procedures, product specifications, layout, component approval, and BOM
- Strong board and component level troubleshooting
- Orcad Schematic capture, PCB Layout, magnetic design, component selection, and testing validation
- Assist with debug existing programs

Qualifications

- Background in Power Electronics
- BS degree or higher in Electrical or Electronics Engineering
- 2 or more years of hands-on experience in working with analog & digital circuit design, and power electronics
- Must be familiar with a variety of testing equipment including DMM, scope, power supplies, and current amplifiers
- Solid hands-on soldering experience
- Good understanding and working knowledge of digital & analog components and circuit schematics
- Microprocessor-based digital & analog circuit design experience, along with corresponding firmware (assembly language) development is a plus



- Strong time management and project management skills with the ability to juggle multiple priorities and meet deadlines
- Must be self-motivated with proactive approach to work
- Excellent interpersonal and communication skills (written and oral) with the ability to work with individuals at all levels
- Must be focused, dedicated, and independent
- Strong creative problem solving skills
- Strict attention to detail

To be considered for the position, please include your salary request for this position during submission.