



Field Applications Engineer

- Position Type: Full time
- Job Reference Code: Field Applications Engineer
- Job Opening: Fremont, USA
- Job Post Date: May 2013
- Resume format: MS Word or PDF Format
- *Please list the Job Reference Code in your email subject

Job Description:

- Support pre-sales and post sales activities with customers and answer technical questions based on Unigen's OEM/ODM products.
- Perform requirements analysis of new products and functionality based on customer's input.
- Understand customer's target markets, analyze and prioritize customer design requirement, and provide feedback to the engineering team.
- Support engineering team in the collective effort of device and system level testing as requested by customers.
- Support and work with Unigen Sales and Marketing team on roadmaps, training presentations, update and create Unigen's product datasheets, application notes and white papers.
- Support and assist in development for production test and certifications for Unigen OEM/ODM products.
- Resolve customer technical issues both in early qualification or mass production stages. This may involve working with Customer engineers on Customer site.
- Serve as point of contact to solve any field application or field failure issues at customer sites.
- Support the failure analysis of Unigen products.

Experience and Skill Requirement:

- 1.) Education – Bachelor of Science in Engineering
 - BSEE
 - BSEET
- 2.) Experience – 3 to 5 years
 - a. Hardware
 - i. Understand fundamentals of SSD and other Flash technologies including physical interfaces like PCIe, SATA, USB, SDIO, SPI, UART etc.
 - ii. Ability to read and understand circuit diagrams and schematics.
 - iii. Ability to understand and follow PCB layout designs
 - iv. Hardware Design Schematic capture and PCB layout a PLUS.

- b. Software
 - i. Understand fundamentals of software protocols and architecture.
 - 1. Drivers
 - 2. Embedded Operating System
 - a. Linux
 - b. WinCE
 - c. Android
 - 3. Understanding the fundamentals of C, C++
 - 4. Scripting languages like Perl, Python are a PLUS
- c. Testing, Applications, Debug Analysis, Lab Experience
 - i. Be proficient in usage of the following Lab equipment
 - 1. Oscilloscope
 - 2. Protocol Analyzer
 - 3. Signal/Function Generator
 - 4. Bench top and advance power supplies
 - 5. Circuit analysis
 - ii. Systematic Debug and Failure analysis
 - iii. Understand basic Flash Firmware concepts, and fundamentals of firmware management schemes like Wear-Leveling, Garbage Collection etc
 - iv. Measuring Performance specifications,, calculate/measure power consumption
- d. Other
 - i. Must have good oral and written communication skills.
 - ii. Must be able to communicate directly with customers and provide a customer service with a great attitude
 - iii. Technical writing a PLUS
 - iv. Experience with MS Office Tools
 - 1. MS Word, Excel, PowerPoint, Project, Outlook
 - v. Must be able to create and maintain technical reports on issues.
 - vi. Travel may be required: up to 15% out of the year.

To apply, fax or email your resume to Sandra:

510-668-4889 fax

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