JOB POSTING

Electrical Engineer 2

Description:

Responsible for leading and assisting in the design, development, test and fabrication of radiation detection systems in support of research and new product development.

Qualifications – Education/Experience:

- MS in Electrical or Computer Engineering.
- 4-6 years of experience in circuit design including requirements specification, board design and layout, prototyping, troubleshooting, revision, component procurement and assembly.
- Hands on experience with electronic test setups and fixtures for testing electronic devices.
- Hands on experience testing and validating electronic circuit designs.

Required Skills:

Electrical engineering and electronics development methodologies including design for quality and manufacturability.
Expert knowledge of analog and digital electronics design.
Expert knowledge of PCB design tools such as OrCAD or Altium.
Knowledge of embedded and SOC systems.
Ability to operate oscilloscopes, logic analyzers, signal/function generators, multimeters, data acquisition cards, and bench top power supplies.
Proficiency in troubleshooting and repair of mixed analog/digital systems.
Good interpersonal skills.
Self-motivated with attention to detail. Clean, neat, and organized work habits.
Good written and oral communication skills, ability to clearly convey concepts and present results to others.
Interrogative with desire for lifelong learning.

Desired Skills:

Familiarity with placing wafer level orders of custom ASICs.
VHDL and/or C language programming.

Physical/Environmental Requirements:

- Requires visual acuity and manual dexterity.
- Requires minimal supervision & be available to work overtime.
- Must be able to wear required PPE including, but not limited to safety shoes & glasses.
- Must be able to stand for up to 4 hours, lift at least 10 lbs. frequently and heavier weights with assistance.
- Must be able to work with and around chemicals.
Must be a US citizen or permanent resident.

*Disclaimer: This job posting describes the general nature and level of work performed in this role. It is not intended to be an exhaustive list of all duties, skills, responsibilities, knowledge, etc. These may be subject to change and additional functions may be assigned as needed by management.

Brian Harris, Manager-Applications & Device Design 09/29/2016

Please Contact
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