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PR/157791 | Analog Engineer (Hardware)

Job Information

Recruiter
JAC Recruitment Malaysia

Job ID
1508881

Industry
Other (Trade)

Job Type
Permanent Full-time

Location
Malaysia

Salary
Negotiable, based on experience

Refreshed
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General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Business Level

Minimum Education Level
Associate Degree/Diploma

Visa Status
No permission to work in Japan required

Job Description

Analog Engineer (Hardware)

High reputable MNC in test and measurement system is seeking talented individuals with an innovative mindset to join their expanding R&D team. This is your opportunity to embrace your passion for innovation and technology and flourish in dynamic environments that value and nurture creativity.

Job Descriptions:
- Research and propose alternative parts with effective solutions in consideration of avoiding major software & product calibration, hardware topology changes to replace EOL parts.
- Implement and simulate designs through CAD and synthesis tools. i.e. Mentor Graphics.
- Verify and validate designs of hardware re-designs. Debug any issues that may arise.
- Have good knowledge in failure analysis to root cause failures during early VnV and MFG builds.
- Integrate DFM inputs from MFG to improve product yield & quality
- Proactive in doing mock-up design as POC (Proof of Concept) to strengthen re-design proposal to get final approval from domain leaders.
- RCA know how. Able to come up fish bone diagram to list possible root cause and narrow down to actual root cause.

- Create proper debug guides, debug tools and provide training to MFG techs and Failure Analysis engineers
- Mentor junior engineers and share your expertise/technical knowledge and advise others on computer and electrical engineering technologies and circuit design.
- Create debug tool and training material for MFG during product release

Job Requirements
- Minimum 3 years work experience in analog design with expertise in both frequency-domain and time-domain designs, or control systems design.
- B.Eng/M.Eng/BS/MS in electrical engineering or computer engineering
- Strong knowledge of analog design principles including designs using operational amplifiers, filters, and transistors
- Strong knowledge of and experience in: analog to digital and digital to analog converters; power supply components and design; analog testing/troubleshooting techniques; signal integrity, layout, and grounding principles; basic digital design fundamentals

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Company Description