



## PR/157791 | Analog Engineer (Hardware)

### Job Information

**Recruiter**

JAC Recruitment Malaysia

**Job ID**

1512203

**Industry**

Other (Trade)

**Job Type**

Permanent Full-time

**Location**

Malaysia

**Salary**

Negotiable, based on experience

**Refreshed**

January 8th, 2025 17:00

### 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