



## PR/157968 | Signal / Power Integrity Engineer

### Job Information

**Recruiter**

JAC Recruitment Malaysia

**Job ID**

1512317

**Industry**

Electronics, Semiconductor

**Job Type**

Permanent Full-time

**Location**

Malaysia

**Salary**

Negotiable, based on experience

**Refreshed**

December 24th, 2024 10:33

### 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

#### Signal/ Power Integrity Engineer

Rapidly expanding IC design platform company specialized in IP, SOC and ASIC design services hiring talented and experienced SIPI Engineer. You will part of well-trained engineers/designers who support customers in High-Performance Computing, AI, 5G & Network and Automotive industries using advanced technology.

**Job Descriptions:**

- Responsible for signal integrity (SI) and power integrity (PI) analysis and optimization.
- Perform packaging / system-level SIPI simulation analysis, extract parameters such as insertion loss, return loss, TDR, eye diagram, DC IR, PDN, AC ripple etc., assist packaging designers in optimizing design details, guide layout implementation, and write simulation reports.
- Participate in ball-map layout planning and packaging design reviews.
- Assist internal design teams and external clients in establishing reasonable SIPI standards.
- Provide SIPI simulation guidance for IP product development.

**Job Requirements:**

- Bachelor's degree or above in Electronics or related fields, with over 5 years of SIPI work experience.
- Proficient in theoretical knowledge of signal integrity and power integrity.

- Proficient in using SIPI-related design tools such as HFSS, SIWAVE, ADS, PowerSI, HSPICE etc.
- Experience in simulation of high-speed IPs such as DDR and SerDes.
- Strong team spirit, willing to communicate and share knowledge.

Interested to explore this exciting opportunity? Apply below:

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Company Description