CareerCross by JAC Recruitment

PR/157968 | Signal / Power Integrity Engineer

Job Information

Recruiter
JAC Recruitment Malaysia

Job ID
1505236

Industry
Electronics, Semiconductor

Job Type
Permanent Full-time

Location
Malaysia

Salary
Negotiable, based on experience

Refreshed
December 3rd, 2024 07:00

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

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:

Company Description