



PR/157968 | Signal / Power Integrity Engineer

募集職種

人材紹介会社

ジェイ エイ シー リクルートメント マレーシア

求人ID

1547998

業種

電気・電子・半導体

雇用形態

正社員

勤務地

マレーシア

給与

経験考慮の上、応相談

更新日

2025年07月23日 13:00

応募必要条件

職務経験

3年以上

キャリアレベル

中途経験者レベル

英語レベル

ビジネス会話レベル

日本語レベル

ビジネス会話レベル

最終学歴

短大卒：準学士号

現在のビザ

日本での就労許可は必要ありません

募集要項

Company and Job Overview

A rapidly expanding IC design platform company specializing in IP, SOC, and ASIC design services is seeking a talented and experienced SIPI Engineer. Join a dynamic team of highly skilled engineers and designers who provide exceptional support to customers in High-Performance Computing, AI, 5G & Networking, and the Automotive industries, utilizing cutting-edge technology.

Key Responsibilities

- Conduct comprehensive Signal Integrity (SI) and Power Integrity (PI) analysis and optimization to ensure robust performance.
- Perform packaging and system-level SIPI simulations, extracting key parameters such as insertion loss, return loss, TDR, eye diagram, DC IR, PDN, and AC ripple.
- Collaborate with packaging designers to optimize design details, provide layout implementation guidance, and prepare detailed simulation reports.
- Participate in ball-map layout planning and packaging design reviews, ensuring alignment with SIPI best practices.
- Assist internal design teams and external clients in defining and implementing reasonable SIPI standards.
- Offer SIPI simulation expertise to guide IP product development and enhance design accuracy.

Key Requirements

- Bachelor's degree or higher in Electronics or related fields, with over 5 years of experience in SIPI-related work.

- Strong theoretical knowledge and practical understanding of signal integrity (SI) and power integrity (PI).
- Proficient in utilizing SIPI-specific design tools, including HFSS, SIWAVE, ADS, PowerSI, HSPICE, and more.
- Extensive experience in simulating high-speed IPs, such as DDR and SerDes.
- Demonstrates strong team spirit with excellent communication skills and a willingness to share knowledge and collaborate effectively.

Benefit

- Competitive annual remuneration package complemented by attractive allowances
- Dynamic team composed of a vibrant workforce.
- Transparent and open work environment fostering collaboration and trust.

Notice: By submitting an application for this position, you acknowledge and consent to the disclosure of your personal information to the Privacy Policy and Terms and Conditions, for the purpose of recruitment and candidate evaluation.

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会社説明