



PR/094998 | Signal Integrity Engineer

募集職種

人材紹介会社

JAC Recruitment Vietnam Co., Ltd

求人ID

1552378

業種

その他（メーカー）

雇用形態

正社員

勤務地

ベトナム

給与

経験考慮の上、応相談

更新日

2025年08月19日 08:00

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

Job Title: Signal Integrity Engineer

Location: Bac Ninh, Vietnam

Position Overview:

Our client is a global leader in designing and manufacturing high-performance interconnect systems for industries such as automotive, aerospace, industrial, and consumer electronics, with strong operations in Vietnam and other key hubs.

We are looking for a Signal Integrity Engineer to support the design, testing, and validation of high-performance and high-speed data transmission. This role focuses on ensuring optimal signal quality and compliance with industry standards through simulation, measurement, and collaboration with design and production teams.

Key Responsibilities:

- Analyze and optimize signal integrity performance of interconnect systems.
- Conduct simulations to evaluate impedance, insertion loss, return loss, crosstalk, and eye diagram characteristics.

- Collaborate with R&D and manufacturing teams to improve product design for signal performance.
- Perform lab measurements using tools such as VNA, TDR, and high-speed oscilloscopes.
- Develop and maintain SI models for various cable and connector configurations.
- Support customer-specific SI requirements and provide technical documentation.
- Troubleshoot signal degradation issues and propose design or material improvements.
- Work closely with quality and production teams to ensure consistency in signal performance across batches.

Qualifications:

- Bachelor's or Master's degree in Electrical Engineering, Electronics, or related field.
- Experience in signal integrity analysis for interconnects, cables, or connectors.
- Proficiency in simulation tools (e.g., Ansys HFSS, CST, ADS, SIwave).
- Hands-on experience with lab equipment for SI testing (e.g., VNA, TDR).
- Strong understanding of transmission line theory and electromagnetic principles.
- Familiarity with high-speed standards and protocols.

#LI-JACVN

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会社説明