

PR/097822 | Electronics 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 シンガポール

求人ID
1621109

業種
電気・電子・半導体

雇用形態
正社員

勤務地
シンガポール

給与
経験考慮の上、応相談

更新日
2026年11月03日 10:43

応募必要条件

職務経験
6年以上

キャリアレベル
中途経験者レベル

英語レベル
ネイティブレベル

日本語レベル
無し

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

Electronics EngineerAbout the Role
We are seeking a highly motivated **Electronics Engineer** to support the design, development, and testing of advanced electronic systems and precision test solutions. This role offers the opportunity to work on cutting-edge technologies involving high-speed electronics, device characterization, automated testing, and instrumentation development.

The ideal candidate will have a strong foundation in electronics engineering, hands-on experience with test and measurement equipment, and a passion for solving complex engineering challenges.

Key Responsibilities

- Design, develop, and validate electronic circuits, PCBs, and test systems.
- Create schematics and PCB layouts using industry-standard ECAD tools.
- Develop and maintain precision test rigs and measurement setups for device characterization.
- Perform electrical testing, signal integrity analysis, and troubleshooting of electronic systems.

- Utilize test and measurement equipment such as oscilloscopes, VNAs, spectrum analyzers, and TDR systems.
- Support the development of automated testing solutions using embedded systems, FPGA-based controls, and software tools.
- Prepare technical reports, test procedures, engineering documentation, and design records.
- Collaborate with cross-functional teams to drive product development, testing, and continuous improvement initiatives.

Requirements

- Bachelor's or Master's Degree in Electronics Engineering or a related discipline.
- Strong electronics engineering background with experience in device or chip testing.
- Experience in Analog Design, PCB schematic capture and layout using ECAD tools (e.g., Altium Designer).
- Familiarity with electronic test and measurement equipment, including oscilloscopes, VNAs, spectrum analyzers, and TDR systems.
- Knowledge of high-frequency signal measurement, signal integrity, and electronic system troubleshooting.
- Experience with embedded systems and FPGA-based control platforms.
- Strong technical writing, documentation, and problem-solving skills.

Preferred Qualifications

- Experience working with cryogenic environments or testing highly sensitive electronic devices.
- Mechanical CAD experience for fixture, tooling, or test rig design.
- Background in RF engineering, instrumentation, metrology, or high-speed electronics.
- Experience developing automated testing frameworks using Python, MATLAB, or similar scripting languages.
- Understanding of EMC, signal integrity, and high-speed digital design considerations.
- Experience supporting research, advanced technology development, or precision measurement applications.

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