

CYIENT

Power electronics development or industrial PC development

Job Information

Hiring Company

[Cyient K.K.](#)

Job ID

1490434

Industry

Automobile and Parts

Job Type

Permanent Full-time

Location

Ibaraki Prefecture

Salary

Negotiable, based on experience

Refreshed

April 1st, 2025 11:00

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

N2 and above

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

Position: Power electronics development or industrial PC development

Location: Hitachi City Omika

Language: N2 and above

Job Description:**Responsibilities:**

- Design and develop [Power Electronics or Industrial PC] hardware, including schematics, PCB layouts, and BOMs.
- Perform circuit simulations using LTspice or similar tools to validate designs.
- Utilize hardware verification tools (oscilloscopes, etc.) to test and debug hardware prototypes.
- Collaborate with other engineers and technical teams to ensure project success.
- Document design decisions, test results, and other technical information.

Required Skills

Qualifications:

- Bachelor's degree in Electronics Engineering or a related field.
 - Minimum of 5 years of experience in electronic circuit design (experience in both analog and digital circuits is preferred).
 - Should have experience in Power Electronics (DCDC/inverter) design or experience in Industrial PC hardware development
 - Experience in circuit design and development of in-vehicle devices is additional plus
 - Proficiency in circuit diagram CAD tools.
 - Experience using LTspice or similar circuit simulation software is preferred
 - Strong understanding of electrical principles and components
 - Excellent analytical and problem-solving skills.
 - Ability to work independently and as part of a team.
 - Strong communication and interpersonal skills.
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Company Description