



# 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

October 29th, 2024 12:00

## 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.
- 

## Company Description