

Hardware (Electrical) Engg 👍 Exclusive job

Automotive Hardware

Job Information

Recruiter

Izumi Network Yugen Kaisha

Job ID

1589896

Industry

Hardware

Job Type

Permanent Full-time

Location

Tochigi Prefecture

Salary

8 million yen ~ 10 million yen

Refreshed

May 11th, 2026 00:00

Application Deadline

May 31st, 2026

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

Automotive Hardware Engineer

Responsibilities

- Act as the technical coordination point between customer teams and offshore/onshore HCL engineering teams
- Review and clarify technical requirements, inputs, deliverables, and development status with customers
- Understand customer automotive hardware development processes and provide knowledge transfer to offshore teams
- Support bilingual communication and translation of technical documents between Japanese and English
- Support hardware system and PCBA development activities throughout the product lifecycle
- Review and support hardware design activities including circuit design, schematic implementation, and manufacturing processes
- Participate in design analysis activities such as FMEA, FMEDA, FTA, and WCCA
- Support Design Validation/Product Validation testing, compliance validation, and reliability testing activities
- Coordinate with cross functional teams including Software, Mechanical, PCB, Procurement, and AI development teams
- Support issue tracking, technical reviews, and project status reporting

- Work with Japan-based test laboratories for compliance and reliability testing support
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Required Skills

Qualifications

- Bachelor's degree in Electrical Engineering, Electronics Engineering, Embedded Systems, or related field
 - 7+ years' experience in automotive hardware system or PCBA development
 - Understanding of automotive hardware development lifecycle and validation process
 - Experience with hardware design analysis methodologies such as FMEA, FMEDA, FTA, and WCCA
 - Knowledge of circuit design, schematics, PCB development, and manufacturing processes
 - Experience supporting DV/PV testing and reliability validation activities
 - Ability to coordinate with multiple engineering teams in global development environments
 - Native level Japanese and business level English communication skills
 - Experience working with Japanese customers or offshore development teams is preferred
 - Knowledge of automotive functional safety or ISO 26262 is an advantage
 - Strong communication, coordination, and problem solving skills
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Company Description