

PR/120797 | Design Engineer

Job Information

Recruiter
JAC Recruitment Thailand

Job ID
1623934

Industry
Petrochemical, Energy

Job Type
Permanent Full-time

Location
Thailand

Salary
Negotiable, based on experience

Refreshed
November 24th, 2026 10:22

General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Basic Level

Minimum Japanese Level
None

Minimum Education Level
Associate Degree/Diploma

Visa Status
No permission to work in Japan required

Job Description

Position Overview
This role focuses on the design and development of electronic circuits for automotive lighting products, including headlamps, rear lamps, and signal lamps. You will join the Circuit Technology Group (CTG), a team of approximately 10 members, and work closely with both local and Japanese engineering teams to support product development and innovation.
Key Responsibilities

- Design and develop electronic circuits for automotive lighting applications.
- Design LED driver circuits and power circuits for automotive products.
- Conduct EMC/EMI testing, analysis, and countermeasure implementation.
- Review PCB designs and provide technical recommendations.
- Perform design validation, testing, debugging, and troubleshooting activities.
- Coordinate with overseas engineering teams and suppliers, particularly in Japan, throughout the development process.

Qualifications

- Bachelor's degree in Electrical Engineering, Electronics Engineering, Mechatronics Engineering, or a related field.

- Experience in electronic circuit design for electrical or electronic products.
- Automotive electronics development experience is preferred.
- Knowledge of EMC/EMI standards, testing methodologies, and troubleshooting techniques.
- Hands-on experience with schematic design tools such as OrCAD or equivalent platforms (e.g., Altium Designer, Cadence, Zuken CR-8000).
- Familiarity with PCB design and electronic product development processes is an advantage.
- Good analytical, problem-solving, and troubleshooting skills.
- Ability to communicate in English is preferred.

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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Company Description