SAM CN_ACTC_Electrical Engineering Engineer

Your tasks

1. Technical Requirements Analysis: Discuss detailed technical requirements with customer in the early stages of the project and develop a technical implementation plan.
2. Technical Feasibility Analysis: Independently develop a technical solution and complete functional testing and verification (including electrical performance and EMC performance testing). Analyze the results and refine the design plan as needed.
3. Product Technical Support: In the mid-stage of the project, conduct technical analysis and develop solutions for problems encountered when the product is used by the client. Provide relevant technical support for product manufacturing in the later stages of the project.
4. Regularly communicate with clients or internal domestic and international technical teams, requiring participation in or organization of discussions on relevant topics in English.

Requirement:
1) Bachelor's degree or above, majoring in electronics or related fields.
2) 2-5 years of experience in electronic or ECU hardware design and development.
3) Familiar with automotive industry EMC, electrical testing, and related standards.
4) Understanding of worst-case calculation and accuracy calculation for ECU-related signals.
5) Familiar with relevant hardware simulation tools.
6) Understanding of ECU functional safety-related hardware failure rate calculation.
7) Experience in ECU hardware architecture design (including component selection, power consumption calculation, and thermal simulation).
8) Good spoken and written English skills.
9) Priority will be given to candidates with automotive industry experience, BMS/IBS related development experience, and familiarity with vehicle architecture.

Job ID
REF11379V

Location
Chang Chun Shi

Leadership level
Leading Self

Legal Entity
AUMOVIO Automotive Systems Changchun Co., Ltd.

Our offer

Ready to take your career to the next level? The future of mobility isn't just anyone's job. Make it yours! **Join AUMOVIO. Own What's Next.**

About us

欧摩威集团于 2025 年9月由大陆集团汽车子集团分拆独立而成。作为一家电子技术与科技公司，欧摩威集团提供广泛的产品组合，致力于让出行安全、愉悦、互联且自主。其业务涵盖传感器解决方案、显示屏技术、制动系统以及舒适系统，并具备软件定义汽车所需的软件、架构平台及辅助系统等全方位技术实力。已归属欧摩威集团的业务领域，在2024 财年实现了196 亿欧元的销售额。集团总部位于德国法兰克福，在全球100

多个基地拥有86,000多名员工。

Job Template EN - Automotive

Since its spin-off in September 2025, AUMOVIO continues the business of the former Continental group sector Automotive as an independent company. The technology and electronics company offers a wide-ranging portfolio that makes mobility safe, exciting, connected, and autonomous. This includes sensor solutions, displays, braking, and comfort systems, as well as comprehensive expertise in software, architecture platforms, and assistance systems for software-defined vehicles. In the fiscal year 2024, the business areas, which now belong to AUMOVIO, generated sales of 19.6 billion Euro. The company is headquartered in Frankfurt, Germany and has over 86,000 employees in more than 100 locations worldwide.