

Electrical Electronic Engineer

Descrição da função

- Responsible for the development and component selection of automotive-grade electronic control units (ECUs) at the board level and ASIC level.
- Analyze system requirements and customer specifications.
- Define board-level hardware and ASIC requirements, architectures, hardware-software interfaces, and test specifications.
- Perform hardware schematic design and ASIC design verification, and support layout engineers in PCB placement and routing.
- Complete hardware design documentation, including requirements, schematics, simulation and calculation reports, DFMEA, and test and validation reports.
- Conduct hardware-related testing, validation, and optimization activities.
- Take responsibility for hardware platform development and validation.

Requisitos

- Bachelor's degree or above in Electronic Information Engineering, Automation, Information & Communication Technology, Mechatronics, or other related low-voltage electronics disciplines.
- Familiar with communication circuits, analog and mixed-signal circuits, and ASIC design; solid understanding of and hands-on experience with power management circuits (Buck/Boost/LDO) and sensor front-end circuits (ADC, PGA, sampling and filtering), including simulation and verification methodologies.
- Familiar with hardware-related test and validation processes, with strong skills in hardware issue analysis and troubleshooting.
- More than 3 years of experience in hardware research and development.
- Preferred qualifications:
 - Experience in multiple product development projects;
 - Experience in platform development and end-to-end (0-to-1) project development.
 - Passionate about electronics technology, with strong hands-on and practical skills.



Identificação da vaga
REF6593L

Local
Yu Bei Qu

Nível de liderança
Leading Self

Pessoa jurídica
**AUMOVIO China Software &
System Development Co., Ltd.**

-Good technical communication skills, with proficiency in spoken and written English.

O que oferecemos

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.**

Quem somos

In September 2025, AUMOVIO Group was established as an independent company following its spin-off from Continental's Automotive Group. As an electronics and technology company, AUMOVIO Group offers a wide range of products dedicated to making mobility safer, more enjoyable, connected, and autonomous. Its business portfolio covers sensor solutions, display technologies, braking systems, and comfort systems, along with comprehensive expertise in software, architecture platforms, and assistance systems essential for the software-defined vehicle.

The business areas that now belong to AUMOVIO Group generated €19.6 billion in sales in fiscal year 2024. Headquartered in Frankfurt, Germany, the Group employs around 87,000 people across more than 100 locations worldwide.