Mechanical Engineer – CVC(Central Vehicle Controller) and ZCU(Zone Control Unit) in Architecture and Network Solutions | AUMOVIO Korea

Your tasks

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Customer Interface & Requirement Management

- Act as the primary mechanical engineering contact for customer discussions and technical reviews.
- Capture, clarify, and analyze customer requirements and specifications, translating them into clear engineering inputs for globally distributed development teams.
- Lead mechanical technical discussions during design reviews, development milestones, and issue resolution meetings.
- Evaluate change requests and assess technical impact on product design, timing, quality, and cost.

Product Ownership & Accountability

- Take end-to-end ownership of mechanical engineering deliverables for assigned products from concept to production.
- Drive technical decisions and coordinate cross-functional activities related to mechanical design.
- Act as the accountable engineering representative for customer mechanical concerns and product maturity.

Thermal & Mechanical Design Support

- Support mechanical architecture reviews for high-power electronic products with multiple PCBs and complex thermal management concepts.
- Evaluate thermal interfaces, heat dissipation concepts, housing structures, and packaging constraints.
- Collaborate with simulation, hardware, system, and manufacturing teams to achieve robust thermal and mechanical performance.

Problem Solving & Issue Resolution

- Coordinate prototype and sample build activities, supporting customer evaluation and testing.
- Lead mechanical issue investigations and drive containment, root-cause analysis, and corrective actions.
- Coordinate global engineering resources to provide timely solutions and support critical customer escalations with strong ownership and urgency.

Your profile

Job ID
REF8959T

Location
Seongnam-si

Leadership level
Leading Self

Legal Entity
AUMOVIO Korea Ltd.

- Bachelor's or Master's degree in Mechanical Engineering or related field
- Hands-on experience with automotive ECU(Electronic Control Unit) mechanical design, including Zone Control Units (ZCU), Central Vehicle Controllers (CVC), Domain Controllers, or similar products
- Strong expertise in thermal management, cooling solutions, and high-power electronic enclosure design
- Proven experience in requirement engineering, test planning, validation processes, and converting customer specifications into engineering requirements
- Proficiency in CATIA V5/V6 and ability to review, interpret, and manage customer drawings, packaging data, and CAD datasets
- Strong understanding of multi-PCB packaging, thermal interface design, and automotive mechanical design methodologies
- Experience managing customer requirements, engineering changes, and technical discussions throughout the product development lifecycle
- Excellent problem-solving skills with demonstrated ability to drive cross-functional issue resolution and coordinate with global development teams
- Strong communication skills and proven ownership mindset with accountability for customer satisfaction, product quality, and timely issue resolution
- Familiarity with automotive standards (e.g., vibration, IP rating, environmental validation) is preferred

Our offer

- **Application Introductions**

- Please kindly submit your Resume with Application Form.
- Application Form Download Link : https://c.smartrecruiters.com/sr-company-attachments-prod-aws-dc5/681b2d3485c3bb61ebb8f208/7298d73a-d164-479a-bbc1-9cc729be5a4b?r=s3-eu-central-1

- **Additional Information**

- Application of this position will be valid until hiring completion.
- Notification of application results will be provided upon completion of the recruitment process.

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

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 about 87.000 employees in more than 100 locations worldwide.