

Location: Sophia-Antipolis, France  
Employment type: Full time  
Contract type: permanent contract

**Ref: OP\_ELEC\_ENG**

## ELECTRONICS ENGINEER

The Automotive industry is living a revolution. Electrification, autonomous driving, diverse mobility, connectivity are trends that are drastically changing the industry's rules. Among all decisive topics revolutionizing cars in the next future, Silicon Mobility is committed to support the rapid advent of electric and hybrid cars.

Silicon Mobility, an Intel company, is a technology leader for cleaner, safer, and smarter mobility. The company designs, develops and sells flexible, real-time, safe, and open semiconductor solutions for the automotive industry used to increase energy efficiency and reduce pollutant emissions while keeping passengers safe.

The Company is opening an "Electronics Engineer" position in its main Research and Development center ideally located in the Sophia-Antipolis Technology Park on the French Riviera.

You are a brilliant and passionate by electronics for Automotive Applications? You want to support the development of disruptive products accelerating the car's powertrain electrification? At Silicon Mobility, we like to light up our employee's potential. Are you up for the challenge? Contact us: send your resume and cover letter to [recruitment@silicon-mobility.com](mailto:recruitment@silicon-mobility.com)

---

### ROLE & MISSIONS

As an Electronics Engineer, you will join the Operations team, focusing on the electronic aspects of our product development for industrialization. Your role will be to ensure the validation and qualification of our PCB/PCA/EMS supply chain and to manage the quality, planning, and capacity of electronic boards products. Your tasks will cover the conception, design, and engineering development stages, ensuring that all manufacturing, testability, and industrialization requirements comply with our standards.

Primary responsibilities of the position include:

- Defining and enforcing requirements for manufacturing, testability, and industrialization.
- Electronic boards schematics and BOM reviews.
- Developing and executing validation test plans, maintaining them along products life cycle.
- Implementing and managing reverse flow processes to manage and rectify quality issues for ECU boards.
- Monitoring and managing subcontractors during both the engineering and manufacturing phases.
- Establishing the necessary environment, materials, procedures, and tools/software in the company lab to perform validations and testing of electronic boards.
- Managing internal usage inventory and product lifecycle for all boards. Participating in the review of planning requests for mature products in production and new products under development.
- Taking responsibility for the selection and qualification of supply chain partners, including sourcing components.
- Setting up, adapting, and maintaining workstations in laboratory environments.



---

## REQUIRED SKILLS AND EXPERIENCE

### EDUCATION:

- A robust university degree in electronics or electrical engineering.

### TECHNICAL SKILLS & EXPERIENCE:

- At least 3 years of experience in quality management or product development related to electronic boards.
- Proficient in electronic board design, microcontroller applications, and PCB/PCA layouts.
- Familiarity with failure analysis, troubleshooting, and repair techniques.
- Experience in developing validation and qualification plans product and managing supply chain.

### LANGUAGE SKILLS:

- Must be fluently proficient in English.

### BEHAVIORAL SKILLS:

- Self-motivated and proactive with a high degree of flexibility.
- Excellent communication skills to effectively collaborate across various teams.
- Strong analytical and problem-solving abilities to foresee and address potential issues effectively.

