

Location: Sophia Antipolis - France  
Employment type: Experienced Professional  
Contract type: permanent contract

**Ref: SALES\_FAE**

## CUSTOMER APPLICATION 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 solutions for the automotive industry used to increase energy efficiency and reduce pollutant emissions while keeping passengers safe.

The Company is opening a **Customer Application Engineer** position in its Customer Engineering team. The position is in Sophia Antipolis - France.

You are a brilliant and passionate engineer with great communication skills? You want to support the promotion and integration 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)

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### ROLE & MISSIONS

You will be one of the technical interfaces with Silicon Mobility's customers, in after-sales, and act as the key link between Customer Silicon Mobility's teams.

In this role, you will directly manage technical support for the customers during development and production phase. You will drive the integration and adaptation of Silicon Mobility products into customer applications systems.

Primary responsibilities of the position include:

- Provide technical support to customer during development, validation, qualification, and production phases
- Train customer on Silicon Mobility product offer (HW & SW)
- Assist customer during Silicon Mobility standard product integration
- Assess, architecture, specify, develop, and integrate customer specific engineering requests
- Support PCB design review
- Support software configuration in customer environment
- Support calibration phases (MIL/HIL/Bench/Vehicle)
- Support validation phases on lab and bench
- Support application integration into customer vehicle
- Support customer application optimization
- Support customer during qualification phases
- Report activities all along development cycles
- Interact with Silicon Mobility engineering, product and sales teams



The position requires pro-active involvement with all departments of the Company.

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## REQUIRED SKILLS AND EXPERIENCE

### EDUCATION:

- Master's degree in electrical, electronic or system engineering

### TECHNICAL SKILLS & EXPERIENCE:

- 2 to 5 years of experience either in power electronics design or customer support in this field
- An excellent knowledge in embedded software development on automotive MCU or DSP
- A good knowledge of Matlab/Simulink model based development and automatic code generation
- Experience in automotive hybrid or electric vehicle control applications such as Inverter, DC/DC or AC/DC is a strong plus
- Know-how of FPGA programming is a plus
- A good understanding of the software quality processes (SPICE, CMMI, MISRA)
- Automotive standard ISO26262, ISO/SAE 21434 and AUTOSAR are appreciated

### LANGUAGE SKILLS:

- Perfectly fluent in English and Chinese
- French speaking is a plus

### BEHAVIORAL SKILLS:

- Willing to travel frequently
- Self-motivated, pro-active, flexible and capable of accepting new challenges
- Demonstrate strong communication skills at customer technical and management levels
- Able to work efficiently across different teams within Silicon Mobility and Customer to understand individual needs and constraints

### LOCATION:

- Sophia Antipolis - France

