

Location: Sophia-Antipolis, France
Employment type: experienced professional
Contract type: permanent contract

Ref: **PR_ MCU PRODUCT _ ARCH**

MCU PRODUCT ARCHITECT

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, Intel Automotive is committed to support the rapid advent of electric and hybrid cars.

Intel Automotive, is a technology leader for cleaner, safer and smarter mobility. The company designs, develops and sells flexible, real-time, safe and open semiconductor solutions named FPCU (Field Programmable Control Unit) for the automotive industry used to increase energy efficiency and reduce pollutant emissions while keeping passengers safe. The Company is opening a "MCU Product Architect" 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 about MCU and System-in-Chip architecture for automotive applications? You want to support the development of disruptive products accelerating the car powertrain electrification? At Silicon Mobility, we would like to light up our employees' potential. Are you up for the challenge? Contact us and send your resume and cover letter to recruitment@silicon-mobility.com

ROLE & MISSIONS

Role: MCU Product Architect

As part of the Product team, you will be in charge of the Semiconductor Product architecture as system solutions.

Primary responsibilities of the position include:

- Develop a deep understanding of customer needs and requirements, identify, and fill the product gaps
- Generate new ideas that grow market share, improve customer experience and drive growth
- Create buy-in for the product vision with both internal stakeholders and customers
- Articulate the product positioning and translate its benefits at Electric and Electronic vehicle Architecture (EEA) level.
- Listen, collect, understand and convey customer requirements
- Translate product strategy into detailed requirements
- Animate the Company Product Steering Committee
- Drive the Product planning and roadmap
 - o Analyze and prioritize activities based on business and customer impact
 - o Drive product launches in collaboration with executives, marketing team and other product team members
 - o Work closely with System and Software experts to release the product definition
 - o Work closely with the marketing team to synchronize marketing plans and communication with the product line strategy
- Support Sales activities with product presentations, face customer and answer customers questions as a product expert
- Act as a product evangelist to build awareness and understanding
- Pitch the product and technologies at Exhibitions and Symposiums
- Represent the company by visiting customers to solicit feedback on company products and services

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

As part of the Product team, you will be in charge of the Semiconductor Product Architecture and Management.

PUBLIC



REQUIRED SKILLS AND EXPERIENCE

EDUCATION:

- MSc in Electrical and Hardware Engineering or related technical field

SKILLS & EXPERIENCE:

- A minimum of 5 years of product architecture/management experience or equivalent in the automotive industry or alternatively 10 years of experience in semiconductor design.
- Strong knowledge of MCU (MicroController Unit) and MPU (MicroProcessor Unit) semiconductor architectures.
- As a plus:
 - Strong knowledge of the Automotive Electric & Electronic Architecture (EEA) and embedded software for the powertrain electrification and/or autonomous driving
 - Experience in cybersecurity architecture and algorithms
 - Previous experience in product strategy, development and management
 - Familiar with powertrain applications, AUTOSAR BSW, MCAL and CDD and ISO 26262.
- Good written and oral communications skills including ability to format differentiated positioning and messaging, build effective sales content, and deliver compelling presentations.
- Ability to build strong work relationships across all levels of the organization, with specific focus on sales and product management.

LANGUAGE SKILLS:

- Fluent in English
- Knowledge in French, German, Chinese or Japanese is a plus

BEHAVIORAL SKILLS:

- Self-starter who truly enjoys working in a fast-paced, high-growth and start-up environment.
- Strong ability to adapt to different interlocutors and negotiate
- Strong organization skills, demonstrates excellent time/priority management
- Willingness to travel abroad