



## Staff Specialist Software & Firmware

### Job description

Develop Architecture, design, Code for MCAL device drivers Perform Static checks (Cyclomatic complexity, MISRA evaluation, Polyspace warnings analysis) and Unit Tests. Evaluate change requests to products, conduct analysis and derive impact

- Develop Architecture, design, Code for MCAL device drivers
- Perform Static checks (Cyclomatic complexity, MISRA evaluation, Polyspace warnings analysis) and Unit Tests.
- Evaluate change requests to products, conduct analysis and derive impact
- Help CoC Head with work breakdown structure and estimates
- Conduct reviews of various artefacts [Specifications, Code, Quality Reports] and recommend necessary actions

### Profile

- Candidate with 5+ yrs experience with below expertise/skills
- Embedded system software development/validation in C, assembly languages & SDLC
- Good knowledge of Microcontroller Architecture (16/32bit), real-time systems
- Experience in standards such as AUTOSAR, IEC61508, ISO26262 is desirable
- Acquaintance with development tool-chains such as GNU, Tasking, WINDRIVER
- Good working knowledge of debuggers such as PLS, Lauterbach etc.
- Good team player in a multi-site work environment

### Benefits

- **Bangalore:** Coaching, mentoring & networking possibilities ; Wide range of training offers & planning of career development; Regional and local talent programs; International assignments; Career paths: Management career, Project management career, Technical ladder career, Individual contributor career, Professional career; Flexible work timing, Part time work, Work from home; Home office; Health & wellness reimbursement, Employee motivation forum, Spoorthi – Diversity club, Master health check up, Health promotion campaigns; Crèche facility; Annual success bonus; Medclaim (dependents & top up), Personal accident, Term life; National Pension Scheme; Health promotion programs; Statutory benefits; Access for wheelchairs; On-site canteen; Paid sick leave, long term illness leave; On site Yoga classes, Sports club

### At a glance

Location: **Bangalore (India)**  
Job ID: **337868**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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### Contact

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# Why Us

**Part of your life. Part of tomorrow.**

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

Automotive (ATV) shapes the future of mobility with microelectronics enabling clean, safe, and smart cars –

Our semiconductors are essential for supporting the automotive megatrends: electromobility, automated driving, connectivity, and advanced security. They link the real and the digital world, driving the ever-advancing pace of automotive digitalization. Infineon ATV is the number one semiconductor partner in the fast-changing automotive world, based on our system knowledge and our passion for innovation and quality. [Click here](#) for more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs.

Automotive Microcontroller: We make cars clean, safe and smart

As a leading automotive microcontroller vendor, the Infineon business line Automotive Microcontroller (ATV MC) offers the industry's most comprehensive vehicle microcontroller portfolio and complements it with software. We serve automotive key applications, such as powertrain, advanced driver assist, chassis, body, instrument cluster and infotainment. We also address high-performance dependable computing, real-time domain and zone control, smart sensing and affordable artificial intelligence (AI) applications enabling the next stages of automated driving as well as higher levels of car connectivity, digitalization and security.

Being at the core of this transformation, ATV MC contributes to shape the future of mobility enabling clean, safe and smart cars. So join us to create a better future together.

#AutomotiveMicrocontroller

