



Principal Engineer MCAL Development

Job description

In your new role you will:

- Participate and contribute to requirements elicitation and definition phase of the project
- Contribute to product architecture
- Conceptualize and institutionalize development strategies and engineering practices
- Evaluate change requests to products, conduct analysis and derive impact for planning by team
- Help project manager with work breakdown structure and estimates
- Conduct reviews of various artefacts [Specifications, Code, Quality Reports] and recommend necessary actions
- Perform defect trend analysis and recommend necessary preventive measures
- Own efficiency improvements in engineering practices
- Be a signoff stakeholder in all phases of the project
- Play an influential role in technical discussions
- Contribute to IP portfolio by filing invention disclosures and publishing papers
- Propose and evangelize initiatives
- Own overall product quality
- Mentor and train fellow colleagues

Profile

You are best equipped for this task if you have:

- Embedded system software development/validation in C, assembly languages & SDLC
- System level architecture, design and Integration skills
- 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, and WINDRIVER

At a glance

Location: **Bangalore (India)**
Job ID: **347541**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Job ID: **347541**
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- Active membership of Open source communities/technical forums is desirable
- Good working knowledge of debuggers such as PLS, Lauterbach etc.
- Proven ability to work with standard lab equipments - oscilloscopes, logic analyzers, power benches 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; Mediclaim (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

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

