



## Staff Specialist MCAL Driver 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 develop/validation strategies and engineering practices
- Evaluate change requests to products, conduct analysis and derive impact for planning by team
- Help CoC Head with work breakdown structure and estimates
- Conduct reviews of various artefacts [Specifications, Code, Quality Reports] and recommend necessary actions
- Own efficiency improvements in engineering practices
- 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

### 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
- Active membership of Open source communities/technical forums is desirable

### At a glance

Location: **Bangalore (India)**  
Job ID: **334000**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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- Good working knowledge of debuggers such as PLS, Lauterbach etc.
- Proven ability to work with standard lab equipment's - 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; 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

## 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 High Power: We Drive the Electrification of Cars**

Our vision of the future is CO<sub>2</sub>-neutral and autonomous mobility, and that means electric cars. Infineon's role: our switches control the current from the battery to the consumers, whether a traction motor, a power steering system or an in-car USB charger. In fact, our products have a direct impact on the range, size, reliability and affordability of tomorrow's vehicles. Engineers at the Business Line Automotive High Power, which is part of the ATV division, draw on their deep customer understanding and system knowledge to create a winning portfolio. This approach has made the Business Line the market leader. Our people have the ambition to shape the future with innovation. We are a highly diverse and ambitious team striving to power society's move toward fully electric, CO<sub>2</sub>-neutral, autonomous mobility.

**#PowerForElectromobility**

