



Staff Engineer Functional Safety

Job description

Act as Functional Safety (FS) Engineer for SW product portfolio in ATV MC and perform the safety activities and reviews. Responsible for Safety Analysis for the product.

- Act as Functional Safety (FS) Engineer for SW product portfolio in ATV MC and perform the safety activities and reviews.
- Responsible for Safety Analysis for the product.
- Guiding the project with respect to technical methods for fulfilling the compliance to ISO26262.
- Support in defining and deploying Safety methodology for SW projects at ATV MC.
- Be connected with current business trends concerning FS.

Profile

- Safety definition
- Responsible for Technical decisions on Functional Safety Engineering for the project.
- Contribute to FS Engineering on SW topics at organization level
- Define the safety objectives for the product and Technical argumentation in the Safety Case for the product
- Safety Analysis
- Responsible for performing Software Safety Analysis, Dependent Failure Analysis in projects
- Safety Methodologies Deployment
- FS methodologies deployed in the project are compliant to functional safety standards and meet customer needs.
- Support to R&D to deploy the methodologies efficiently.
- Supporting R&D teams in impact analysis regarding the Functional Safety.
- Customer interaction
- Supporting customer audits and assessments on Functional Safety

At a glance

Location: **Bangalore (India)**
Job ID: **347918**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Job ID: **347918**
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- Understand requirements and needs of the customer on Functional Safety at the project level.

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 (ATV) shapes the future of mobility with micro-electronics enabling clean, safe and smart cars –

Semiconductors are essential to realize key trends like eMobility, automated driving and secure, connected cars. Infineon ATV is the #1 semiconductor partner in the fast-changing automotive world, based on our system knowledge coupled with our passion for innovation and quality. We are a key driver in the ever-advancing pace of digitalization in the automotive industry.

[Click here](#) for more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs.

Automotive High Power: We Drive the Electrification of Cars

Our vision of the future is CO₂-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, CO₂-neutral, autonomous mobility.

#PowerForElectromobility

Quality Management

Infineon's Quality Management department acts proactively to satisfy the needs of our customers to increase their success and to ensure 'best in class' product quality. Internally the department develops a living quality culture at all levels within the automotive division and at our partners.

Microcontroller

The Infineon business segment MC (Microcontroller) is strongly growing with latest TriCore Microcontroller generation AURIX, offering latest innovation in performance, connectivity, power consumption, safety and security. Furthermore, the key application segments are targeting segments with high innovation potential and highest market growth such as Advanced driver Assistant systems. As part of the automotive business



unit the focus of MC is on the requirements of the automotive market from motor cycle to truck applications. #AutomotiveMicrocontroller

