



Engineer Software & Firmware Engineer

Job description

In your new role you will:

- Microcontroller Device Driver Software development and validation for various peripherals of Infineon's microcontrollers (e.g. PORT, ADC, CAN, SPI, LIN, Flash, Timers..)
- Develop Low level design, Code for MCAL device drivers
- Perform Static checks (Cyclomatic complexity, MISRA evaluation, Poly space warnings analysis) and Unit Tests
- Work together with CoC Head and TL for work breakdown structure, estimates and progress updates.

Profile

You are best equipped for this task if you have:

- B.Tech/BE/M.Tech/MS in Electrical/Electronics/Computer Science /Instrumentation
- 1 to 3 years relevant experience in low level driver development or validation
- Embedded system software development/validation in C, assembly languages & SDLC
- Good knowledge of computer architecture (16/32bit), real-time systems
- Acquaintance with development tool-chains such as GCC, IAR, KEIL, Tasking etc
- Knowledge of debuggers such as Lauterbach, PLS etc
- Proven ability to work with standard lab equipment - oscilloscopes, logic analyzers, power benches, bus analyzers etc
- Good team player in a multi-site work environment
- Eclipse based tools and Python/Perl scripting is an added advantage

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;

At a glance

Location: **Bangalore (India)**
Job ID: **350983**
Start date: **as soon as possible**
Entry level: **0-1 year**
Type: **Full time**
Contract: **Temporary**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **350983**
www.infineon.com/jobs

Contact

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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.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

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](#)

