



## Principal Engineer Applications

### Job description

Applications Engineer keen to help key customers design and build the next generation of USB and Type-C/PD solutions using Infineon USB products.

- Firmware development using C/C++ on ARM and 8051 microcontrollers (Bare metal and RTOS based).
- Debugging technical issues on embedded hardware, firmware and software, reporting product defects and providing work arounds.
- Defining customer and internal solutions, from schematic reviews to firmware development.
- Generating high quality customer collaterals - Application Notes, Knowledge base articles and other documentation.
- Mentoring junior team members.

### Profile

- 14+ years experience in embedded firmware/applications development with:
- Proficiency in programming in C/C++ and embedded development on ARM/8051 microcontrollers (Bare-metal and RTOS).
- Good knowledge of peripheral communication (I2C/UART/SPI/USB) and USB-PD protocols
- Ability to understand customer requirements and translate them to system requirements
- Competence in comprehending schematics.
- Experience in Unit Testing and System validation methods
- Excellent customer interaction and support skills.
- Strong communication skills and ability to work effectively in a team environment
- Experience in effectively mentoring other members of the team.
- High level of motivation, energy and enthusiasm

### 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,

### At a glance

Location: **Bangalore (India)**  
Job ID: **332086**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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Job ID: **332086**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



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.

