



Senior Staff Software Engineer

Job description

We are looking for engineer to Define and Develop embedded firmware solutions for USB and USB-PD solutions.

1. Define and develop embedded firmware solutions for USB and USB-PD solutions.
2. Low level hardware bring-up and debugging of firmware drivers for power delivery microcontrollers.
3. Collaborate with hardware and system designers to validate and enhance system functionality and customer interfaces.
4. All aspects of SW/FW lifecycle from requirements gathering, feasibility analysis, pre-silicon bring-up to production releases.
5. Be an active member of cross functional team aligned to completion of project goals.
6. Handle customer support activities including requirement reviews as well as system bring-up and debug support.
7. Generate documentation including diagrams, charts, and other tools to ensure the delivery and maintainability of a quality product.

Profile

You are best equipped for this task if you have:

1. Bachelor's degree or higher in Electronics or Computer Science Engineering.
2. 8+ years of embedded software development experience.
3. Strong C/C++/Assembly programming and problem solving skills.
4. Knowledge of USB and USB-PD protocols as well as ARM architecture.
5. Experience with RTOS as well as bare metal development environments.
6. Excellent verbal and written communication skills
7. Creative and innovative thinking.
8. Demonstration of software design in projects done earlier.
9. Demonstration of Embedded Software components and device drivers.
10. Demonstration of C programming and software design skills.
11. Strong analytical, diagnostic and problem solving skills. Familiar with embedded debugging.
12. Experience with development tools such as GIT, JIRA, ARM C toolchains

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: **334140**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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

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Contact

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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.

Power & Sensor Systems (PSS) drives leading-edge power management, sensing and data transfer capabilities

Infineon PSS semiconductors play a vital role in enabling intelligent power management, smart sensitivity as well as fast and reliable data processing in an increasingly digitalized world. Our leading-edge power devices make chargers, adapters, power tools and lighting systems smarter, smaller, lighter and more energy-efficient. Our trusted sensors increase the context sensitivity of “things” and systems such as HMI, and our RF chips power fast and reliable data communication.

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