



Staff Engineer Software Engineer

Job description

We are looking for engineers to define and develop embedded firmware solutions for USB-PD and Wireless Charging solutions.

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

Profile

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

Benefits

At a glance

Location:

Job ID: **346429**

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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- **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.

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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