



Senior Software Engineer

Job description

We are looking at engineers to implement and own design for individual modules. Also, one who has expertise on low level hardware bring-up and debugging of firmware drivers for power delivery microcontrollers.

- Implement and own design for individual modules.
- 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.
- 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.
- 3+ 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.
- 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.

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.

At a glance

Location:
Job ID: **348548**
Start date: **as soon as possible**
Entry level: **3-5 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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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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