



Senior Staff Applications Engineer

Job description

Firmware development using C/C++ on ARM and 8051 microcontrollers Bare metal and RTOS based

- 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, Customer workshop training materials and other documentation
- Defining Reference designs/solutions for mass market products
- Work closely with cross functional teams, Design, Software, Regional marketing, and FAE teams.
- Mentoring junior team members

Profile

- Masters or Bachelors in Electrical and Electronics Engg or Equivalent,,
- More than 7 yrs of experience in the field of Applications and Systems Engineering
- Excellent understanding of embedded systems.
- Proficiency in programming in C/C++ and embedded development for embedded systems using ARM/8051 microcontrollers (Bare-metal and RTOS).
- Good knowledge of peripheral communication (I2C/UART/SPI/USB) and USB-PD protocols advantageous
- Ability to understand customer requirements and translate them to system requirements, competence in comprehending schematics and experience in Unit Testing and System validation methods
- Excellent written and verbal communication skills. Previous experience in customer interactions would be an added benefit.
- Demonstrated ability to work effectively in a team environment and 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

At a glance

Location:

Job ID: **355473**

Start date: **Aug 29, 2022**

Entry level: **5+ years**

Type: **Full time**

Contract: **Permanent**

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Why Us

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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.

