Driving decarbonization and digitalization. Together.

Applications Engineer

Job description

Infineon is looking for an Applications Engineer to join our Internet-of-Things Compute & Wireless (ICW) business unit in Austin,Texas. As a member of the Microcontroller product line applications team, you will work closely with the Marketing, Software and Design teams, as well as across division and business lines, in support of our rapidly growing microcontroller product portfolio. This includes PSoCprogrammable system-on-chip mixed-signal controllers and other Arm-based microcontroller families. You will drive the definition and development of new application and solution technologies, engage with strategic lead customers, push the organization on product ease-of-use and, continuous improvement.

In your new role you will:

- Contributing to major product cross-functional teams for both chip and solution development
- Prototyping and producing requirements definitions for new application and solutions
- Producing content in support of new PSoC and microcontroller products, including:
  - Embedded software demonstrating product and solution capabilities
  - Hardware designs including schematic, layout and component selection
  - Analog and digital system-level designs
  - Technical documentation such as datasheets, technical reference manuals, application notes and knowledge base articles
  - Technical training for external customers and Infineon Sales, Marketing and Applications
- Enabling customer design-in of products and solutions through architectural collaboration, technical support, training and failure analysis

Profile

You are best equipped for this task if you have:

- Bachelor's degree in electrical engineering with 12+ years of experience in embedded development
- Excellent fundamental knowledge of both analog and digital circuits
- Skilled in C programming; C++, Python and/or assembly experience aplus
- Experience on Arm CPUs; multi-core experience desired
- Embedded Real-Time Operating Systems (RTOS) experience
- Experience with standard MCU communication interfaces including UART, SPI, I2C, and USB

At a glance

Location:	
Job ID:	HRC0712743
Start date:	**as soon as possible**
Entry level:	**5+ years**
Type:	**Full time**
Contract:	**Permanent**

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Job ID: **HRC0712743**
www.infineon.com/jobs

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- Experience with one or more of the following desired:
  - Security principles and cryptographic methods
  - Embedded graphics systems and interfaces
  - Embedded video systems and interfaces including compression/decompression
  - Machine Learning including model development and training
- Comfortable with use of oscilloscopes, logic analyzers, bus analyzers and related electronic equipment for use in test and debug
- Ability to problem solve and systematically work to root cause

- **Professional**
- Enthusiastic and high-energy with a strong desire to win
- Self-motivated as an individual contributor
- Strong sense of customer service
- Effective oral and written communication skills
- Ability to independently plan, schedule and prioritize level of support based on customer needs and management guidance
- Experience organize and track many tasks on multiple unrelated projects

The CSS division provides end-to-end systems for a connected, secured world – building on trusted, game-changing microcontrollers as well as wireless and security solutions. CSS delivers microcontrollers plus Wi-Fi, Bluetooth® and combined connectivity solutions (known as connectivity combos) along with hardware-based security technologies to power the broadest application spectrum spanning consumer electronics, IoT devices, cloud security, IT equipment, home appliances, connected cars, credit and debit cards, electronic passports, ID cards, and more. The division is at the forefront of computing, wireless connectivity, and trusted technologies that are helping to securely connect the networked systems of today and tomorrow.

Click here

for more information about working at CSS with interesting employee and management insights and an overview with more #CSSDreamJobs.

Benefits

- **Austin, TX:** Medical, Dental & Vision Plans; Flexible Reimbursement Accounts (FSAs); Industry leading 401k Employer Contribution/Match; Company Performance Bonus; Holiday Pay & Paid Time Off (PTO); Flexible Working Conditions, Part-time Options; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Wide range of Training Offers & Career Development Planning; Coaching, Mentoring, Networking Possibilities; International assignments; Basic Life & Dependent Life Insurance; Paid Sick Leave, Accidental Death & Disability Insurance (AD&D) ; Short-term & Long-term Disability ; Employee Assistance Program (EAP) ; Health Promotion Programs ; Reduced Price for Public Transportation

Why Us

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

We are on a journey to create the best Infineon for everyone.
This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant´s experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.
Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.
Click here for more information about Diversity & Inclusion at Infineon.

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Cypress Semiconductor Corporation, is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex (including pregnancy, childbirth, or related medical conditions), gender identity, national origin, ancestry, citizenship, age, physical or mental disability, legally protected medical condition, family care status, military or veteran status, marital status, domestic partner status, sexual orientation, or any other basis protected by local, state, or federal laws.

Employment at Infineon is contingent upon proof of your legal right to work in the United States under applicable law, verification of satisfactory references and successful completion of a background check and drug test, and signing all your on-boarding documents.

In some instances, if applicable, U.S. export control laws require that Infineon obtain a U.S. government export license prior to releasing technologies to certain persons. This offer is contingent upon Infineon's ability to satisfy these export control laws as related to your employment and anticipated job activities. The decision whether or not to submit and/or pursue an export license to satisfy this contingency, if applicable, shall be at Infineon's sole discretion.

Infineon Technologies takes data privacy and identity theft very seriously. As such, we do not request personally-identifiable information (PII) from applicants over the internet or electronically. Please kindly refrain from disclosing your PII electronically during the application process or to unauthorized websites that may purport to be Infineon or any of our affiliates.

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