



Principal Engineer Systems

Job description

We are looking for Hardware board design engineer responsible for Highspeed, RF, mixed signal and microcontroller based IOT board design in Cadence Allegro tool for ICW group.

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Profile

- 10-15 years of Hardware board design development and deployment experience
- Schematic capture and review, Layout and Gerber review, Cold Test and functional Testing of hardware Interface and support manufacturing teams and Contract manufacturer to release and deploy hardware
- Good Knowledge in system architecture, hardware design, or embedded controllers required
- Basic knowledge of firmware design is an added advantage
- Must have hands-on microcontroller experience with exposure to various microcontroller architectures and tool chains
- Analog applications experience desired with knowledge of precision analog circuits, ADCs, DACs, Op Amps, Comparators, Power management ICs etc.
- Sound understanding of logic design concepts; hands on experience with EDA tools and PCB design a strong plus
- Knowledge of industry standard protocols and interfaces (I2C, UARTs/Bridges, Audio amps, LED/GPIO/LCD, USB, RTC etc.) and exposure to emerging standards and technologies
- Strong programming skills C and Assembly language programming
- Good communication skills and must be a team player to work across cross-functional projects across time-zones and locations.
- Should be a roll-up-the sleeves, trouble-shooter with ability to multi-task

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: **359722**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Contact

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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.

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.

– Connected Secure Systems (CSS) delivers security for the connected world –

The Connected Secure Systems (CSS) segment offers comprehensive systems for a secure, networked world with a portfolio built around reliable, trendsetting microcontrollers as well as wireless connectivity and security solutions. Over the past decades, CSS has developed microcontroller, Wi-Fi, Bluetooth and combined connectivity solutions (known as connectivity combos) and hardware-based security technologies. The products are used in a broad range of applications: from consumer electronics, IoT and home appliances to IT equipment, cloud security and networked cars all the way to credit and debit cards, electronic passports and IDs. With its leading technologies in the areas of computing, connectivity and security, CSS makes a decisive contribution to protecting today's and tomorrow's networked systems.

[Click here](#) for more information about working at CSS with interesting employee and management insights and an overview with more #CSSDreamJobs.

