



Principal Design Engg

Job description

We are looking for engineers to define and improvise IP development methodology and Chip level analog macro integration.

- Must have successfully developed and delivered multiple Si Proven IP from spec to production
- Should be able to lead a team of 4 to 6 independently for IP development
- Should be able define and improvise IP development methodology and Chip level analog macro integration
- Must be able to interface with various cross functional teams like marketing, technology, product/test engg for IP definition
- Experience with Cadence, Eldo, Finesim, Questa ADMS, HSPICE or equivalent tools required
- Good understanding of analog macros such as AC/DC convertors, ADC/DAC PLL, Oscillator, Bandgap, Comparator, Buck/Boost, LDO, Type-C and Process monitors etc.
- Must be able to take ownership for defining chip level electrical specifications and requirements for analog macros
- Must have experience in circuit level debug/ characterization , production flow, qualification flow
- Experience with scripting languages like perl, skill, tcl or equivalent to automate flows is a plus
- Exposure to Type-C, USB2.0/3.0/3.1 is a plus

Profile

- BSEE minimum, MSEE preferred from an accredited engineering school
- 8 to 12 years of experience working in an IC development environment

At a glance

Location: **Bangalore (India)**
Job ID: **343117**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Contact

Gupta.external21@infineon.com



- Good communication skills and analytical thinking
- Good problem solving capabilities
- Able to drive a team for IP development and give guidance for day to day technical issues
- Good presentation skills and assimilating the information to actionable 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, Spoorthi – Diversity club, Master health check up, Health promotion campaigns; Crèche facility; Annual success bonus; Mediclaim (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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