



Elect Design - Staff Elect Design Engr

Job description

Design and development of USB 3.0/3.1/4.0 USB- Data or PD controller IP Design and development of other digital control/interface IPs which are a part of Wired-USB platform/SoC

- Design and development of USB 3.0/3.1/4.0 USB- Data or PD controller IP
- Design and development of other digital control/interface IPs which are a part of Wired-USB platform/SoC
- Full-chip design/integration including architecture for power, reset, clock, test
- Overseeing verification, back-end implementation and validation aspects of the IP/Full chip etc.
- Contributing towards methodology improvements for IPs or full-chip integration

Profile

- Prior experience in working on ASICs/IPs for 6 years +
- IP design especially in USB preferable
- Strong background in logic design, LINT, Clock Domain Crossing Analysis, Low-power design, UPF, LEC, Synthesis, ATPG
- Good communication skills and being a team player is preferable
- BE/BTech, ME/MTech/MS in Electronics, VLSI design, SoC Integration, Microelectronics

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

At a glance

Location: **Bangalore (India)**
Job ID: **335614**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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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.

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.

