



## Principal Engineer - Electrical Design

### Job description

Have experience in Analog and/or Mixed Signal IP development? Apply now!

### Profile

You are best equipped for this task if you have:

- **Minimally a BE/ BTech EE, preferably a MS / MTech/ ME EE** from an accredited engineering school
- **10 to 12 years of experience** working in an IC development environment
- Must have successfully **developed and delivered multiple Si Proven Analog/MS IPs** from spec to production
- Experience in leading teams of 4 to 6 independently for IP development
- Able to 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 ADC/DAC, PLL, Oscillator, Bandgap, Comparator, Buck/Boost, LDO, Type-C , AC/DC, DC/DC converters 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, and qualification flow
- Experience with scripting languages like Perl, Skill, TCL or equivalent in automating flows is a plus
- Exposure to Type-C, USB2.0/3.0/3.1, AC/DC, DC/DC convertors is a plus

### 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, Spoothi – Diversity club, Master health check up, Health promotion campaigns;

### At a glance

Location: **Bangalore (India)**  
Job ID: **317385**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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Job ID: **317385**  
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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.**

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.

