



## Staff Engineer Elect Design

### Job description

#### Physical Design Engineer

- **Main tasks:**  
This position is for Physical Design and Timing Closure of complex, low power SoCs targeted for IOT and MCU markets.
  - Candidate will be responsible to drive die area, performance, power goals during physical design implementation.
  - Candidate will work on various stages of physical design implementation which includes floorplanning, power grid design, place and route, clock tree synthesis, timing closure, Static/Dynamic IRdrop, physical verification checks.
  - Candidate is expected to have deep understanding and hands-on experience in implementing SOCs with multiple voltage islands, power islands and other power reduction techniques.

### Profile

- Bachelor's or Master's degree with specialization in VLSI design
  2. Hands-on experience in physical design and timing closure of SoCs
  3. Experience of industry standard tools for physical design and signoff
  4. Experience in scripting languages (shell, perl, tcl) and Make flow
  5. Understanding of 40nm/28nm technologies and associated physical design challenges
  6. Must be a good team player and should have desire to learn and explore.

### 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; Medclaim (dependents & top up), Personal accident, Term life; National Pension Scheme; Health promotion

### At a glance

Location: **Bangalore (India)**  
Job ID: **335149**  
Start date: **as soon as possible**  
Entry level: **3-5 years**  
Type: **Full time**  
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

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### Contact

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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.

