



Principal Engineer Physical SoC Design & Implementation

Job description

We have an exciting opportunity for a Principal Engineer Physical SoC Design & Implementation. Have experience in VLSI design and SoCs? Apply now!

In your new role, you will:

- Responsible for **STA and Timing Closure of complex, low power SoCs** targeted for IOT markets
- Ownership of **constraints development** for functional/test modes at pre and post layout stage
- Be involved in **timing analysis and convergence of large hierarchical design** across multiple modes and corners
- Opportunity to contribute to timing sign-off methodology for lower technology nodes
- Interact with RTL and DFT teams on timing feasibility and performance assessment
- Work closely with physical design team for timing/SI closure

Profile

You are best equipped for this task if you have:

- B.Tech or M.Tech relevant work experience and specialization in VLSI design
- Strong hands-on technical experience in **constraints development, timing analysis/closure of SoCs**
- Experience in **low-power synthesis** and equivalence checks will be a plus
- Expert user of **industry standard tools** for **timing signoff**
- Experience in **scripting languages** (shell, perl, tcl) and Make flow
- Must be well organized, methodical and detail oriented

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;

At a glance

Location: **Bangalore (India)**
Job ID: **317824**
Start date: **as soon as possible**
Entry level: **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:

Job ID: **317824**
www.infineon.com/jobs



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 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.

