



## Senior Staff Engineer Standard Cells, IOs, Memories & Reliability

### Job description

We have an exciting new IO design and development role at Infineon. Apply now!

In your new role you will:

- Technically Own **complete design & development of IO library designs at BLR site including both FE and BE designs**
- **Lead interaction with system architects of product development** to close IO specifications & requirements
- **Drive IO integration into sub-system** resolving all technical issues. Should act as an advisor (Expert support) for the IO selection/Implementations/Integration /qualification at the sub-system
- **Own IO quality sign-off & checklist** at different milestones to ensure quality deliverables to SOC
- Act as an **IO architect responsible for defining the overall concept** including the sub-blocks in alignment with product requirements
- **Guide the team members** on the effective implementation of the IOs. Review their designs and continuously drive the turnaround time, design robustness /optimizations and area/power of IOs
- Support the FE / BE development hands-on as per the project needs
- Continuous improvement and development of design and verification methodologies for improving quality and efficiency
- Ensuring compliance with all Infineon Quality/Process practices for library development

### Profile

You are best equipped for this task if you have:

- **Solid experience in IO design and development**, preferable for interface standards like LVTTTL, LVCMOS, DDR, SPI, xSPI , Oscillator, LVDS , over voltage/ under voltage tolerant circuits
- Good understanding of **ESD & LU concepts**
- Good understanding of the **characterization methodology used in the IO library development**
- The ability to technically lead a **small team of designers/layout engineers** and come up with new architectures and plan schedules

### At a glance

Location: **Bangalore (India)**  
Job ID: **317360**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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Job ID: **317360**  
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- **Delivered few designs from spec to silicon** with complete knowledge of associated deliverables
- Disciplined process management, problem solving skills, multitasking ability and attention to quality and detail
- Demonstrated strong analytical and problem solving skills
- Strong verbal and written communication skills
- Ability to work in teams and collaborate effectively with people in different functions

## 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 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.

