



Manager Verification & Validation Engr

Job description

In this role, you will need drive the validation and debug strategy and methodology to establish the next level of excellence in post-silicon validation. Candidate also be required to provide architectural and technical guidance, drive industry standard validation Methodologies, driving execution efficiency, accelerate post-silicon validation cycles, influencing DFD/DFX Architecture to improvise the debug TPTs in post-silicon, Candidate need to work closely with program Management Teams, SOC Verification, Design and other partner organization to come up with product validation strategy. Candidate needs to provide direction and goals to the team and interacts with stakeholders both internal and external.

As a Manager of the team, Set priorities for the team, get results across boundaries, ensure an inclusive work environment, develop employees, and manage performance. Manages a team of hardware validation engineers. Should be able to quickly align with Org deliverables, effectively plan and execute to the plans by managing the risks and working thru dependencies. The candidate has to nurture innovation and be a change agent, role models assumed responsibility result orientation.

- Work with different stakeholders on validation strategy and definition (chip-lead, silicon architect, product manager, etc.)
- Mentor and drive the validation team, assign tasks to team members, and be the technical focal point for the validation activities
- Monitor validation progress, and support debug activities, to allow root-cause of potential silicon issues
- Be part of the hands-on validation team, and own few blocks/IPs
- Understanding new chip features and being able to define test plan to cover their functionalities
- Implementing test plan, and validate on pre-silicon platform as well as post-silicon environment
- Be the first line of defense when failure occurs to isolate (setup, code, artifacts, silicon issues, logic/physical, identify blocks, etc.)
- Once isolated, working with domain experts to define debug action items, come up with a root cause, and assisting in driving a fix
- Maintain and create automation scripts/flows
- Able to summarize debugs/findings clearly and communicated with project management and customer

Profile

At a glance

Location: **Bangalore (India)**
Job ID: **344394**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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- Master's degree in engineering
- Min. of 5 years of experience in SoC validation
- In-depth knowledge in ARM based SoC architecture
- Strong system level understanding of CPU/SoC architecture, Memories (Flash, RAM)
- Team/project lead experience in Validation environment beneficial
- Comfortable working primarily in a lab environment
- Strong Embedded C skills, experience in low-level drivers development
- Strong scripting skills in one of the major languages: e.g. Perl, python, Tcl, bash
- Good experimental technique, techniques of problem localization and root-cause
- Hands-on experience in lab, and familiar with lab equipment

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.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

Automotive (ATV) shapes the future of mobility with micro-electronics enabling clean, safe and smart cars –

Semiconductors are essential to realize key trends like eMobility, automated driving and secure, connected cars. Infineon **ATV** is the #1 semiconductor partner in the fast-changing automotive world, based on our system knowledge coupled with our passion for innovation and quality. We are a key driver in the ever-advancing pace of digitalization in the automotive industry.

[Click here](#) for more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs.

The Infineon business segment **MC** (Microcontroller) is strongly growing with latest TriCore Microcontroller generation AURIX, offering latest innovation in performance, connectivity, power consumption, safety and security. Furthermore, the key application segments are targeting segments with high innovation potential and highest market growth such as Advanced driver Assistant systems. As part of the automotive business unit the focus of MC is on the requirements of the automotive market from motor cycle to truck applications. **#AutomotiveMicrocontroller**

