



Senior Staff Engineer

Job description

- Responsible for SoC DFT Architecture definition/implementation/verification/silicon debug of SoC/Full Chip.
- Need to implement Scan insertion, LPCT, LBIST, Hybrid-TK, Compression Logic and DRC analysis of implemented Testability logic structures.
- Responsible for ATPG, DRC analysis, Test coverage debug, Memory BIST implementation and verification.
- Ownership of JTAG/BSCAN/iJTAG, P1500 implementation and verification, Stuck-at /TDF/Bridging/Cell-aware/iddq fault models.
- Good debug skills in ZERO delay and SDF based scan/MBIST/JTAG simulations.
- Hands on experience in analysis and debug of above-mentioned test domains.
- Hands of experience in post silicon debug of scan/MBIST patterns/yield fall out.

Profile

- ASIC flow understanding.
- Experienced in LEC, CLP, power analysis flow is preferred
- The ability to work as an individual and as part of a team to deliver complex SoCs starting from the creation of the DFT spec, implementation, verification, and Post silicon debug.
- In addition, be self-motivated with the initiative to seek constant improvements in the DFT design methodologies.
- The candidate must also possess strong initiative, analytical/problem solving skills, team working skills, ability to multitask and be able to work within a diverse team environment.
- Scripting skills such as PERL/TCL/Python are preferred.

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

At a glance

Location: **Bangalore (India)**
Job ID: **342672**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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