



Staff Design Verification Engineer

Job description

Will be a core member of a SoC and IP development team. Primary responsibility will be test bench development and verification test of custom IC logic designs, working with others involved in verification and test development.

- 1. Will be a core member of a SoC and IP development team. Primary responsibility will be test bench development and verification test of custom IC logic designs, working with others involved in verification and test development.
- 2. Verification requirements analysis. Must be able to effectively reduce system and IC module specifications into written verification requirements (development of verification plans, detailed specifications, test bench functional requirements, test vectors, etc.)
- 3. Design of System Verilog test benches for efficient and flexible use by self and others.
- 4. Verification of custom IC logic designs and reporting of functional simulation and code coverage results.
- 5. Debug efforts to achieve full functionality and code coverage metrics of IC designs.
- 6. Document test bench designs and participate in design reviews in accordance with department development process and company quality standards.
- 7. Test bench support, maintenance and user training.

Profile

- 1.5+ years Verilog test bench development & behavioral verification of custom IC designs
- 2. Experienced with UVM/OVM based verification methodology
- 3. Proficiency in Perl, Tcl, Tk, C/C++ languages
- 4. Master's Degree or above in EE/CE
- 5. Fluent English communication skill.

Benefits

- **Shanghai, :** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Medical coverage; On-site social counselling and works doctor, in Wuxi only.; Provision of health tips, health

At a glance

Location: **Shanghai, (China)**
Job ID: **313700**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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knowledge sharing, annual medical check; Employees in Shanghai are entitled to use a gym located close to the office for free; On-site canteen, in Wuxi only.; Private insurance offers in some sites.; Wage payment in case of sick leave; Corporate pension benefits in some sites.

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.

