



Senior Staff Design Verification Engineer

Job description

The engineer will plan and execute unit/subsystem/system level design and verification

- The engineer will plan and execute unit/subsystem/system level design and verification. The engineer will actively work with designers and architects to understand and influence the unit's architecture, plan and implement design changes in Verilog.
- The engineer would build scalable and reusable testbenches in SystemVerilog /UVM, develop checkers, monitors, scoreboard, coverage models.
- The engineer would develop and execute the constrained random coverage driven verification plan and execute until quality criteria are met.
- Experience in coverage driven constrained random digital design verification.
- Significant experience in developing testbenches using SV, UVM, OVM, VMM.
- Highly skilled in debugging complex testbenches and systems.
- Knowledge of one or more protocols like USB2, USB3, USB4, TypeC, Power Delivery, PCIe, DDR etc is desirable.
- Knowledge of one or more protocols like I2C, UART, SPI etc is desirable.
- Knowledge of one or more scripting languages, such as PERL, Python.
- Knowledge in C/C++ programming is desirable.

Profile

- BE/ME with 6-11 years of work experience in design and verification of IP/SOCs
- Experience in System Verilog, UVM, OVM, VMM etc
- Experience in protocols such as USB2/3/4, PCIe, DDR etc
- Experience in Scripting languages such as perl, python, shell, aws
- Should be able to lead complete IP/SoC verification independently

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:

Job ID: **323975**

Start date: **as soon as possible**

Entry level: **5+ years**

Type: **Full time**

Contract: **Permanent**

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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.

