



Senior Engineer

Job description

Characterization and validation Engineer responsible for driving New Product development from designs stage to high volume production. The end is Goal Silicon meets datasheet across PVT.

- Characterization and validation Engineer responsible for driving New Product development from designs stage to high volume production. The end is Goal Silicon meets datasheet across PVT.
- Ability and track record of leadership role. Candidate will be responsible for managing timelines, product performance analysis, data sheet compliance matrix through all rounds of design optimization, customer sampling and production release.
- Strong knowledge of statistical data analysis, data processing tools like Jump Data Power, Excel used to calculate CPK, identify outliers, and set limits and guard bands based on statistics.
- Ability to work with bench equipment to assist in bench to tester correlation.
- Knowledge of scripting languages is a plus. Knowledge of LabView/Test stand experience.
- Must have hand-on experience on bench and ATE (93k, ETS) for datasheet parameters measurement for Digital, Analog and High-Speed parameters., also candidate know scripting using Python to automate bench setups
- Candidate should know of USB 3.2 and 2.0 and Type C electrical compliance parameters hand-on experience.

Profile

- 3+ years of experience in related field.
- Mater or Bachelor of Science in Electrical Engineering and hand-on experience working on bench setups.
- Ability to work in a fast-paced, project-oriented, team environment
- Proficient in use of digital and mixed signal automated test equipment used in production test and characterization
- Proficient with statistical data analysis tools, such as JMP and Spotfire and understanding of statistical analysis use in program and HW development
- Ability to create ATE test hardware schematics for custom products.
- Knowledge of JIRA, CDT or similar bug tracking tools
- Demonstrated ability to work independently, and create and meet schedules

At a glance

Location: **Bangalore (India)**
Job ID: **361477**
Start date: **Aug 29, 2022**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

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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; Mediclaim (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

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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.

