

Driving decarbonization and digitalization. Together.



Staff Engineer - Bench Validation

Job description

Do you want to be part of a team who shapes the future of power managements with products and solutions using GaN devices that make systems more efficient and smarter? Then, we have the right challenge for you at our R&D Centre in Bengaluru! Infineon is a leading innovator in the field of power supply solutions. We are currently seeking a highly motivated Specialist in validating Power ICs

In your new role you will:

- As an Analog & Mixed-Signal Validation Engineer for power products you will working with **design, application, and systems teams to generate test requirements** and define test methodologies.
- Plan and participate in future technologies and projects.
- **Designing of the boards required for testing Power ICs** considering power and signal integrity aspects.
- **Measurement of datasheet parameters** for Power IC's(Controllers, drivers, current sensors)
- **Debug issues** related to IC functioning and parametric failures, and **root causing** the issues with help of design team.
- Usage of different type of instruments used in LAB (DMM, Oscilloscopes, Power Supplies and etc)
- **Drive innovation** in the form of new advancements (test methods/tools, test automation, test infrastructure)
- Development of **Python Scripts for Test Automation.**
- Collating measurements data and analysing it to find anomalies, trends and identify potential issues in design.
- Work with Test/Product teams in debugging and correlating the results between the ATE and Bench platforms.

Profile

You are best equipped for this task if you have:

- A Master's /bachelor's degree in electrical/Electronic Engineering or equivalent field of studies.
- 3- 5 years of experience in Analog and Mixed signal Validation
- Good Analytical skills and understanding of Analog Circuits
- Excellent problem-solving and communication skills.

At a glance

Location: **Bangalore (India)**
Job ID: **HRC0637363**
Start date: **as soon as possible**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0637363**
www.infineon.com/jobs



Contact

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- Ability to work effectively in a collaborative team environment.
- Detail-oriented with a commitment to quality and precision.
- Experience in development of scripts in Python for Test automation will be plus.
- Experience in board layout designing in Altium/Cadence allegro will be plus.
- Fluency in English

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

Driving decarbonization and digitalization. Together.

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

We are on a journey to create the best Infineon for everyone.

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant´s experience and skills.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

