



Principal Engineer Test

Job description

Join the Test Engineering Group

- **Manages, plans and ensures manufactured components and assembled products meet Infineon standards and objectives.**
- **Works on installation, correlation and production release of test programs, data handling, interpretation of test results, interface to test development and product engineering, optimization of test package stability.**
- **Converts test programs in-between different test platforms (i.e. from one ATE platform to another ATE platform, from one prober system to another prober system...) including all necessary software and hardware engineering issues; review/avoidance of possible test coverage influences by change of test platform.**
- **Assessment of weaknesses in test coverage and correction of them, considering also the cost involved. Creates test methods, and collaborates with cross-functional teams to meet test program deliverables for new products.**
- **Performs pre-silicon verification, interprets result and works independently with Design Engineer. Creates plan for test cost saving through test time reduction, yield improvements, insert reduction and burn-in reduction independently and pro-actively across manufacturing test sites.**
- **Design schematics needed for test method that is beyond the capability of the ATE. Serve as an advisor and consultant on complex test engineering problems on multiple new products across product lines. Provide training for test engineers on advance test methodologies. Lead the collaboration with support groups within manufacturing, product engineering, software engineering, and design engineering.**

Profile

- You are best equipped for this task if you have:
 - **Knowledgeable in C++, Java, Perl, Python Coding and Programming languages**
 - **Experience in test program conversion, platform migration**
 - **Operating and programming knowledge of Nextest/Teradyne's Magnum testers, Advantest V93K, Agilent's Versatest, and Teradyne's UltraFlex**
 - **Experience on Altium/Cadence Allegro PCB Design Application**
 - **Naturally inquisitive, problem solver, can work with a cross functional team**

Why Us

Part of your life. Part of tomorrow.

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.

At a glance

Location: **Cavite (Philippines)**
Job ID: **354622**
Start date: **as soon as possible**
Entry level: **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:

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Contact

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