Senior Staff Test Engineer

Job description

Senior Staff Test Engineer will work on SoC product test development and Manage Automated Test Equipment programs and hardware, including product characterization and device/wafer level test for SoC products.

In your new role you will:

- Manage **Automated Test Equipment** programs and hardware, including product characterization and device/wafer level test for SoC products
- Develop, debug, characterize test programs for **digital/Mixed-signal blocks**
- Requires thorough experimental/manufacturing design knowledge **(DOE & SPC)** and has a solid understanding of process/design/test integration
- Resolve **customer application** problems
- Create **multiple new design test programs** and made major manufacturing improvements in existing products
- Be responsible for **completing the product performance, data sheet** compliance matrix through all rounds of design optimization and customer product sampling
- Provide **test engineering expertise** and troubleshooting support
- Drive device and package qualification for **new product development, fab, assembly, and production transfer**
- Participate in **1st Si debug, yield and Test time improvement,** work closely with test and design engineers to release product to full production
- Manage customer returns and **RMA process** and drive timely closure
- Able to run c **ross-functional meetings with project team members** and across sites

Profile

You are best equipped for this task if you have:

- At least **7 years of experience in ATE test** solution development
- **BS/MS** Electronic/Electrical engineering, Computer science
- Experience in **SoC product test development**
- Experienced in **VBT, C++, JAVA, and Python**
- worked on **Digital/Mixed-Signal** test development
- Knowledge of **uFlex and SmartScale** testers
- Knowledge of **SmartScale** testers preferred
- **V93K Smartest 8** experience

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.

Cypress Semiconductor Corporation is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex (including pregnancy, childbirth, or related medical conditions), gender identity, national origin, ancestry, citizenship, age, physical or mental disability, legally protected medical condition, family care status, military or veteran status, marital status, domestic partner status, sexual orientation, or any other basis protected by local, state, or federal laws. Applicants with questions about access or requiring a reasonable accommodation for any part of the application or hiring process should contact the Talent Network by phone at (408) 503-2194.

Employment at Infineon is contingent upon proof of your legal right to work in the United States under applicable law, verification of satisfactory references and successful completion of a background check and drug test, and signing all your on-boarding documents .

In some instances, if applicable, U.S. export control laws require that Infineon obtain a U.S. government export license prior to releasing technologies to certain persons. This offer is contingent upon Infineon's ability to satisfy these export control laws as related to your employment and anticipated job activities. The decision whether or not to submit and/or pursue an export license to satisfy this contingency, if applicable, shall be at Infineon's sole discretion.

IMPORTANT NOTICE:
Infineon is requiring all new U.S. employees and contractors to be fully vaccinated against COVID-19. Full vaccination is defined as two weeks after both doses of a two-dose vaccine or two weeks since a single-dose vaccine has been administered. Anyone unable to be vaccinated, either because of a sincerely held religious belief or a medical condition or disability that prevents them from being vaccinated, can request a reasonable accommodation.

Infineon Technologies takes data privacy and identity theft very seriously. As such, we do not request personally-identifiable information (PII) from applicants over the internet or electronically. Please kindly refrain from disclosing your PII electronically during the application process or to unauthorized websites that may purport to be Infineon or any of our affiliates.

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