**Senior Engineer, Test Development**

**SUMMARY:**

Qorvo’s Low Power Wireless division, one of the leading developers of semiconductor system solutions for connected devices and a rich offering of RF chips and software for smart home data communications and the Internet of Things (IoT), is currently looking for a Sr.Test Development Engineer. The primary role in this position will be the development of the test program specifications and the associated test program implementation for mixed signal wireless RF transceivers. Device complexity continues to increases the test program requirements, the test engineer will provide the engineering experience to ensure the final test solutions implemented in mass production address these requirements. The test engineer will ensure that the test program development continues while retaining a clear focus on both test coverage and costs. The ideal person in this role will also ensure that the overall test strategy is clearly documented and translated to a test specifications considering the challenges of decreasing test time while maintaining product quality. The test specification is also verified by test bench validation.

**RESPONSIBILITIES:**

- Establish best-practice methodologies in ATE test engineering
- Translate new test requirements into the specification of the required tester platform configuration and the design of test platform hardware. Test program implementation will be a mixture of in-house development combined with additional external subcontractor resources to ensure a final test solution is available to support manufacturing
- Play an active part in the test review process to ensure the highest possible quality standards are achieved
- Provide and document test specifications for the production testing of mixed signal RF transceivers
- Recommend designs of test improvements in the design of mixed signal RF transceivers
- Identify and implement test time reduction actions
- Test specification reviews
- Technical interface to external subcontractors and test development partners
- Review, identify, and help set the overall test platform strategy
- Test program development
- Test program maintenance
- Test data analysis
- Test hardware release
- Test hardware and software version control
- Device characterization
- Establishing processes and procedures supporting test development engineering activities

**QUALIFICATIONS:**

- Bachelor’s degree in Electronic Engineering required with at least 10 and more years of relevant ATE test development experience; Master's degree preferred
- A strong understanding of mixed-signal IC ATE test and test techniques
- Experience in DFT methodologies
- Experience with Teradyne Flex ATE test systems and the associated code development environment
- Experienced in the generation of test specification documentation
- Strong written and verbal communication skills in English
- Candidate will be required to travel at least 15 - 20% of the time and may be required to work in a different time zone