

Job Description

Senior Integration and Test Engineer

Melbourne-Mnemonics-Inc.

US CITIZENSHIP REQUIRED

Must be able to obtain and maintain a DOD SECRET CLEARANCE.

Summary

The Senior Integration and Test Engineer performs integration and tests on advanced analog/digital/RF electronic systems. The systems or subsystems are assembled and characterized for performance in a lab environment. This is a hands-on laboratory position. This engineer takes the output of development design and manufacturing into integration, debug and testing. The engineer is expected to conduct product development in accordance with Mnemonics quality, configuration management, and development life-cycle processes. This individual has the responsibility and authority to perform the assigned tasks listed below.

Essential Duties and Responsibilities

- Understand interfaces, control, and hardware/software test requirements.
- Create integration and test flows from higher level requirements.
- Documents test hardware implementation to match requirements.
- Designs and assembles lab hardware to perform integration and testing.
- Familiar with analog/digital/RF hardware and related measurements.
- Implements test cases and validates hardware.
- Works closely with other Software, Electrical, RF, and Mechanical team members to ensure that new products meet all key product requirements.
- Responsible for participating in the quality management system initiatives and adhering to all requirements.
- Responsible for performing other related tasks deemed necessary by superiors.

Qualifications, Education and Experience

- Bachelor's Degree in Electrical Engineering or 15+ years of relevant experience.
- 10+ years of experience in development integration and test.
- Understanding of advanced analog/digital/RF schematics, layouts, debugging procedures.
- Test, and verification at the component, board, and system level including qualification to MIL-STD requirements.
- 5+ years of experience in characterizing RF circuits requiring signal generators and network analyzers.
- Experience in DoD product development processes and qualification processes preferred.

- Familiarity with use of requisite test equipment (e.g. logic analyzers, oscilloscopes, spectrum analyzers, function generators, power supplies, data acquisition, and control systems).
- Due to the sensitivity of customer related requirements, U.S. Citizenship is required.
- All work to be performed on-site at Mnemonics.
- Excellent history working with cross functional teams.
- Excellent oral and written communication skills.

E-Verify Job Type-Full Time 9/80 work week Drug Free Workplace Salary: \$40-50 / hour

E.O.E: race, color, religion, gender, age, national origin, gender identity, individuals with disabilities, veteran status, protected veterans, or disable.

About Mnemonics, Inc.

For over 45 years Mnemonics, Inc. has been a high technology supplier in the Aerospace and Defense, and Industrial markets. The corporation is committed to providing cost-effective products, solutions, and services that exceed our customer's expectations while continuously striving for technical superiority and quality.

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