

# Job Description

## Electrical Engineer

Melbourne-Mnemonics-Inc.

### US CITIZENSHIP REQUIRED

#### SUMMARY

The Electrical Engineer designs and implements analog and digital embedded electronic systems to create new products meeting Mnemonics program objectives.

Responsibilities include development, and execution of assigned Engineering tasks. This engineer participates in initial product concepts, decomposition of functional and performance requirements, software/hardware design, integration, and testing.

This individual has the responsibility and authority to perform the assigned tasks listed below.

#### ESSENTIAL DUTIES AND RESPONSIBILITIES

Develop architectures from requirements or high-level specifications and communicate with multi-disciplined engineering.

- Participate in PCB layout and Design for Manufacturing activities.
- Engage in full product lifecycle support for legacy products including bug fixes and feature updates.
- Work closely with Software, Electrical and FPGA team members to ensure new products achieve all Key Performance Indicators.
- Provide time estimates for all activities.
- Responsible for participating in the quality management system initiatives and adhering to all requirements.
- Responsible for performing other related tasks deemed necessary by superiors.
- Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

#### QUALIFICATIONS, EDUCATION AND EXPERIENCE

- 5+ years of experience with analog and digital electronic design.
- Bachelor's degree in Electrical Engineering (Master's desirable).
- Experience with embedded firmware and test bench debugging.
- Due to the sensitivity of customer related requirements, U.S. Citizenship is required.
- Must be able to obtain and maintain a DOD Secret Clearance.
- 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: \$30-35 / 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.

Mnemonics, Inc. offers an environment where innovation and creativity are the keys to personal and corporate success. If you are looking for the small company environment, excellent salaries, comprehensive benefits; an exciting, and challenging future, then Mnemonics, Inc. invites you to apply.

Visit our website <https://Mnemonics-inc.com> fill out an application and voluntarily complete the Affirmative Action Form (AAP) / Self-Identification questionnaire.

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