

# ANALOG MODULES, INC.

## Senior Analog Design Engineer

Location: US-FL- Orlando  
Status: Full Time, Employee  
Shift: First Shift (Day)

Job Category: Engineering  
Education Level: BS in Electrical Engineering

Analog Modules, Inc. (AMI) designs and manufactures a wide range of analog electronic products primarily for the laser and electro-optics industries. These products serve applications in medical, military, scientific, and industrial markets. Analog Modules, Inc. is a subsidiary of HEICO Corporation, which Forbes Magazine recently ranked as one of the 200 "Best Small Companies" and 200 "Hot Shot Stocks".

AMI's military products include Laser Rangefinder Receivers, Linear Array Detection Systems, 3-D Laser Radar Sensing Electronics, Custom Range Counters, Laser Spot Tracker Receivers, Capacitor Charging Power Supplies, Pockels Cell Drivers, Laser Diode Drivers and custom assemblies. These products are used in Air, Ship, Man Pack and Ground Vehicle environments for applications including target designation, laser rangefinding, ground illumination for terrain mapping, wire avoidance, laser fusing, laser warning/countermeasures, IR illumination and mine detection. Many of these products are qualified to meet shock, vibration, temperature and radiations hardened requirements and are manufactured to the ANSI J-STD-001 Class 3 workmanship standard. The candidate will be able to use simulation programs and be familiar with EMI issues, low noise design, loop stability criteria, and PCB layout techniques.

Analog Modules, Inc., located in Central Florida, is currently recruiting for the position of Senior Analog Design Engineer.

### **The responsibilities of this position are:**

- Designs and develops high-speed analog circuits from specifications for electronic assemblies.
- Develops and performs first article acceptance testing to ensure correct operation. Debugs as necessary.
- Writes documentation, creates schematics for products, and provides designs to the Drafting Department.
- Assumes the role of project leader for assigned projects with emphasis on analog design. Oversees budgetary process to ensure that budgets of time and raw materials are not exceeded.
- Develops test procedures and test fixtures, and programs for assigned products and projects. Reviews test results and documentation prior to shipment.
- Reviews customer returns and repairs and performs failure analysis for assigned products.
- Assists technical sales team members prepare cost projections by estimating time and raw material requirements on an individual job basis.
- Troubleshoots products with customers to resolve technical questions and ensure all customer specifications have been met.
- Identifies needs and prepares requisitions for materials, tools, and test equipment for specific jobs.

### **Requirements/Experience:**

- Bachelor's degree in Electrical Engineering or an equivalent combination of education and experience. Master's degree is preferred.
- Minimum of 10 years industry experience with designing high-speed analog circuitry. Experience in the field of lasers and electro-optics is preferred.
- US Citizen or Lawful Permanent Resident

Analog Modules, Inc. offers competitive compensation and excellent benefits including 401k, medical, dental, vision, life, and short term/long term disability insurance, and more.

Forward resumes to [khewitt@analogmodules.com](mailto:khewitt@analogmodules.com).

Analog Modules, Inc. is an EEO/AA/DFWP employer.

For information on Analog Modules, Inc. visit us at [www.analogmodules.com](http://www.analogmodules.com).

For additional information on HEICO visit us online at [www.heico.com](http://www.heico.com).