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Design Engineer

Reference Number: AIDE1
Date Posted: 02/01/2012
Number of Positions: 1
Location: Aeroflex, Inmet-(Ann Arbor, MI) USA

Position Summary

This position designs, provides leadership and technical support on the development of new products, technologies, and processes to meet cost, schedule and performance by target markets. Provides technical support to all aspects of Production and Manufacturing.

List of Specific Tasks:

- Design and lead the development of new products and major product programs covering frequency ranges from DC to 65 GHz and average power levels to 300 W.
- Responsible for various high power and high frequency RF/Microwave component and circuit designs, including but not limited to Attenuators, Terminations, SMT packages, bias tees, and gain equalizers.
- Provide mentoring and training to technicians and junior engineers.
- Conduct or direct the assembly and test of prototype components performing data analysis (S-parameter, power handling, etc.) to ensure compliance with new and/ or existing product specifications.
- Create or assist in documenting engineering drawings, Bill of Materials, and accompanying drawing packages for new / existing product, procedures, or tooling / fixtures.
- Recommend and conduct investigations and experiments in new technology applicable to new and existing product(s) to improve quality, cost, production yield, and performance. Recommend, document, and implement action plans.
- Assist Production, Sales, and Quality departments in resolving product issues, complaints, waiver requests, and in answering customer inquiries.

Requirements:

- ✓ Bachelor of Science in Electrical Engineering required; Masters of Science in Electrical Engineering preferred.
- ✓ 5 - 7 years specific work experience in manufacturing of RF/ Microwave circuit or component design preferred.
- ✓ Experience with CAD systems such as AutoCAD and SolidWorks.
- ✓ Experience in electrical testing, test equipment, S-Parameter characterization and computer-aided microwave or electromagnetic design software.
- ✓ Proven ability to apply knowledge of microwave transmission line and circuit theory. Knowledge of CFdesign thermal analysis software and ability to program using National Instruments Labview a plus.

To apply, please submit a resume via e-mail to: inmet-hr@aeroflex.com**.**

Or fax/mail to:

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