
Job Title: Electrical Engineer
Location: Hackettstown, NJ
Department: EMI Filters

Position Summary:

Astrodyne TDI is looking for an Electrical Engineer who is hands-on and enjoys working with a multidisciplinary team on the development of innovative products. Our Electrical Engineers design and develop power conversion, power control, and system communication products that are deployed in demanding environments ranging from industrial to military and aerospace. This position will become experts in the applications in which our power converters are deployed and partner with our customers to offer the best possible solution. This person will be responsible for creating the customized end product that meets specified performance, cost and schedule targets while continuing to ensure that customer delivery requirements are met without compromising safety, environmental compliance or quality.

Job Responsibilities:

- Manage/develop customized EMI Filters & PDUs based on customer specifications
- Lead the technical responsibilities of electrical engineering projects - this includes design, development, testing and manufacturing of electrical equipment or products.
- Generation of specifications for new R&D products.
- Preparation of schematic diagrams and BOM part lists.
- Participation on Project Teams with Mechanical and Process Engineers.
- Preparation of component stress documentation charts, MTBF, and DFMEA analyses.
- Work with technicians or individually debugging and testing prototypes.
- Develop Design Verification Test procedures and help with their execution and troubleshooting if issues arise.
- Communicate directly with customers, assuring design alignment with intended application and other goals.
- Participate in the development of junior member of the team by mentor them in the technology, best practices for DFM and work ethics.

Qualifications:

A Bachelor's Degree in Electrical Engineering or related discipline required. 5 plus years of experience is required, experience with high frequency magnetic component design and knowledge on best design practices to comply with different EMC standards, along with troubleshooting EMC issues is preferred.

Due to Military affiliations, we are unable to sponsor candidates who require a Visa. Candidates MUST be a US Citizen or a Permanent Resident/Green Card Holder.

Astrodyne TDI provides equal employment opportunities to all employees and applicants. Our culture is one that provides opportunities for employee involvement, growth, and development. Astrodyne TDI offers competitive salary, paid time off, robust healthcare benefits, and 401(k).

To Apply: Please email your resume and cover letter to Lindsay.Finnigan@astrodynetdi.com