



Ten Pao Electronics Hungary Kft.

Job Description Summary of Mechanical R&D Engineer

About Ten Pao Group

Ten Pao Group was established in 1979 in Hong Kong. By 40 years experience we are one of the major players in manufacturing of Switching Mode Power Supply (SMPS) units for consumer products, and smart chargers and controllers for industrial use.

Our products are mainly categorized into SMPS units for consumer products and smart chargers and controllers for industrial use. Our SMPS units for consumer products include USB chargers, wireless chargers, adapters, open frame power supplies and LED driver units and power supplies which are applied to consumer products such as smart phones, audio systems, laptops, set-top boxes, home electrical appliances and electronic cigarettes. Our smart chargers and controllers for industrial use include wireless chargers, smart chargers and smart controller, which are applied to power tools.

Ten Pao Group established their Hungarian manufacturing plant in Miskolc in 2017 in order to support European business with PCBA manufacturing and power tool charger production capabilities. To support European clients further Ten Pao establishes local R&D capabilities as well during 2019.

Summary of Position with General Responsibilities:

We are searching for a mechanical engineer for our R&D department. This engineer designs, develops mechanical and industrial design of Switching Power Mode Power Supplies (SMPS). You will work with cross functional teams to develop new products. This is a great position to learn and to grow in your engineering career.

Responsible for design development and evaluation of new products, materials and technologies based on existing technical- and product platform.

- Essential Duties:
 - Participates in design of mechanical parts and industrial design of SMPS units and Smart Charger products and processes
 - Develops design verification and validation studies
 - Executes validation studies on equipment & processes
 - Executes design controls
 - Contributes to project planning, budgeting, scheduling and tracking
 - Develops and implements manufacturing procedures to provide production with easy to follow assembly instructions

- Essential job Functions:
 - Ownership of projects with demonstrated technical competence
 - Participates and/or leads cross-functional teams
 - Works independently and is results-oriented
 - Initiates new or revised documentation and tracks through appropriate approval cycles and implementation

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- Maintains a professional working relationship with internal and external customers and support staff
 - Provides technical support on components, material methods, systems, and equipment
 - Develops physical and functional test requirements to assure specifications and regulations are met
 - Writes, reviews, and approves protocols, reports, and data
 - Conducts testing outlined in protocols and test methods
 - Executes validation studies on equipment and processes, and conducts and/or participates in complaints investigations
 - Understands and follows company procedures and regulatory requirements
 - Participates in and provides input to training on department & division procedures, and policies
 - Prepares and submits for approval requests for project funding. Participates in project planning, budgeting, scheduling and tracking
 - Analyzes design, process, and test data
 - Prepares and presents oral and written project updates and technical discussions
 - Develops and implements procedures to provide easy to follow instructions
- Basic Educations:
 - Mechatronic Engineer Degree (MSC or BSC)
 - Basic Expectations:
 - Fluent English
 - Strong interpersonal skills
 - Ability to create and provide training
 - Demonstrated comprehension of basic comparative statistics
 - Software application skills
 - Problem solving ability
 - Ability to create, review and coordinate test protocols and reports
 - Ability to generate engineering proposals
 - Oral and written presentation skills
 - Ability to work in cross-functional teams
 - Understanding of regulatory environment
 - Work Environment:
 - The ideal candidate must be able to work in a team oriented, fast paced environment.
 - Primary Work Location
 - Site of Ten Pao Electronics Hungary Ltd. in Miskolc, Hungary
 - Additional Location
 - Site of Ten Pao Huizhou Plant. in Guangdong, China for training period

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