

PROJECT ENGINEER

The Project Engineer develops products of moderate complexity with minimum supervision provided from a Design Manager. Products are taken from concept through design, qualification, and into successful production.

RESPONSIBILITIES:

- Working closely with Product Marketing, demonstrate design intent and concept feasibility through CAD solid models and physical prototypes as needed.
- Create parts, assemblies, & drawings comprised of 3D surfaces and solid models for new product design.
- Through analysis, determine and optimize the design.
- Develop products in accordance with 4 key objectives: security, ease of use, design, & quality.
- Work with cross functional teams including Electronics Engineering, Industrial Design, Marketing, Manufacturing, & Quality to achieve product goals.
- Schedule meetings to review product design in each phase of engineering.
- Develop and track test plans to qualify designs.
- Provide assistance in determining product goals.
- Plan and manage resources to meet schedules.
- Clearly and frequently communicate with all functional areas.
- Develop standards, procedures and compliance there of.
- Support manufacturing as needed for manufacturing engineering change requests.

EDUCATION AND EXPERIENCE:

- BSME required. 5 yrs post-graduate engineering experience or equivalent experience is required.
- Excellent SolidWorks system knowledge is required and good working knowledge of Pro/E is desired.
- Very good knowledge of PDM systems.
- Good working knowledge of DFM & DFA processes with regards to dimensioning and product design.
- Demonstrate capabilities in managing multiple projects simultaneously
- Apply proper principles of drawing, dimensioning, & tolerancing.
- Have practiced experience designing products that utilize processes such as injection molding, stamping, welding, & extrusion.
- Tollgate product development process experience
- Exercise good time & project management
- Able to identify, analyze, and solve problems
- Good oral and written communication skills
- Good working knowledge of MS Office programs and familiarity with MS Project is preferred