

# PROJECT ENGINEER

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The Project Engineer designs and develops innovative products of moderate complexity. Products are taken from concept through production.

## ***RESPONSIBILITIES:***

- Collaborate with Product Marketing—demonstrate design intent and concept feasibility through CAD solid models and physical prototypes as needed.
- Work with cross functional teams including Product Marketing, Industrial Design, Electrical Engineering, Quality & Test, and Manufacturing in order to achieve product and business goals.
- Design and develop products that achieve 4 brand objectives: security, ease of use, design, and quality.
- Create parts, assemblies, and drawings comprised of 3D surfaces and solid models for new product design.
- Through analysis, determine and optimize the design.
- Develop and track test plans to qualify designs.
- Plan and manage resources to meet schedules.
- Develop standards, procedures and compliance as needed.
- Support manufacturing as needed for manufacturing engineering change requests.

## ***EDUCATION AND EXPERIENCE:***

- BSME preferred.
- 5+ years experience in product design (preferably consumer electronics or similar handheld devices).
- Demonstrated ability in plastic part design required, and additional experience in sheet metal preferred.
- Strong 3D CAD skills, preferably using Solid Works and/or Pro Engineer.
- Strong understanding of Design for Manufacturability (DFM), Design for Assembly (DFA), statistical tolerance analysis techniques, functional dimensioning, and/or geometric tolerancing.
- Demonstrated ability to effectively manage multiple concurrent projects.
- Experience working with overseas manufacturers.
- Experience working with PDM systems.
- Phase gate or similar new product development process experience preferred.
- Good working knowledge of MS Office programs and familiarity with MS Project is preferred.
- Good oral and written communication skills.
- Ability to produce breakthrough solutions to new problems and opportunities.
- When immersed in a new terrain, able to quickly synthesize ideas.
- Flexibility and comfort working in a dynamic, fast-paced environment.
- Comfortable with and able to make smart judgment calls when data is limited.