

Motorola Solutions

Design & develop batteries, chargers & power supply for highly-sophisticated two way communication & Video products used in professional & mission critical markets of the commercial, government & industrial segments.

Job Description

Be involved in the product development activities from the conceptual stage to mass production, including:

- Preparing new products concept design that meets customer requirements & expectations, design, process & safety guidelines.
- Using 3D modeling & surfacing CAD software to design new products.
- Interpreting & generating 2D drawings per mechanical drafting standard.
- Performing mechanical tolerance analysis & DFMEA.
- Setting up & maintaining bill of materials.
- Supporting prototype/pilot builds.
- Performing mechanical verification tests per product specifications & writing test reports.
- Releasing mechanical prints & parts qualification reports.
- Compiling information for user manuals and/or instruction sheets.
- Understanding of energy product (cell, battery, power supply & charger) safety, & apply it into the design & assembly process.

Basic Requirements

- At least a Bachelor Degree in Mechanical Engineering or related disciplines.
- Good in analytical & problem-solving skills.
- Basic knowledge of material properties (sheet metal & plastic).
- Able to work as an individual as well as a good team player.
- Able to communicate & present the conceptual ideas to the technical audiences.
- Familiar with assembly processes such as SMT, plastic ultrasonic welding, resistance welding, low pressure molding etc is a plus.
- Knowledge of battery, power supply & charger design will be an added advantage.
- Knowledge of Creo Parametric 3D software & plastic tooling constructions will be an added advantage.

For enquiries, please contact

WH Chew
Motorola Solutions
Engineering Manager
Accessories & Energy Dept
Email: wooiheong.chew@motorolasolutions.com