For over 80 years, Motorola Solutions has been developing integrated end-to-end solutions that empower individuals through seamless connectivity. Our people have a history of exploding possibility across the planet, innovating smarter, more flexible and more insightful ideas. And now, as always, we’re looking for advanced problem solvers like you to help us create technologies that rise to the challenges of enterprises and governments worldwide.

Senior Staff/ Senior/ Electronics Engineers  (Req no: 99733)
Senior Staff/ Senior/ Electrical Engineers  (Req no: 99717)
Senior Staff/ Senior/ Mechanical Engineers  (Req no: 99729)
Senior DSP Engineer  (Req no: 100875)

For more details & submission of applications, please log on to www.motorolasolutions.com/careers and refer to the req no stated above. Alternatively, you may e-mail your resume to mpx743@motorolasolutions.com
Department Description:
Motorola Solutions Energy RND department design and develop batteries, chargers & power supply for highly-sophisticated two way communication products used in professional and mission critical markets of the commercial, government & industrial segments.

Responsibilities:
• Responsible for new product development activities of batteries, chargers & power supplies from concept stage to mass production.
• Support continuity of supply, MOL and ROHS.
• Testing & qualification of products in design verification according to Motorola's standard of procedures.
• Team player & able to work cross functional.

Requirements:
• Ph.D. / Master / Bachelor Degree in Engineering (Electrical/Electronics/Telecommunication) or related disciplines.
• Minimum 1 year working experience for Engineer/3 years working experience for Senior Engineer/5 years working experience for Senior Staff Engineer in a related field.
• Fresh postgraduates must have relevant research background in power electronics/Energy products.
• Knowledgeable in power electronics.
• Experience in schematic & circuit design.
• Familiar with product development process flow, qualification & agencies certification.
• Open to application from non-Malaysians.
• Candidate must be willing to work in Bayan Lepas, Penang and able to start work by June 2012.
Senior Staff/Senior/Electrical Engineers

Department Description:
Motorola Solutions Energy RND department design and develop batteries, chargers & power supply for highly-sophisticated two way communication products used in professional and mission critical markets of the commercial, government & industrial segments.

Responsibilities:
• Preparing new product concept design that meets customer requirements & expectations, design, process & safety guidelines.
• Performing electrical tolerance analysis and DFMEA.
• Setting up & maintaining bill of materials. Support prototype/pilot builds.
• Performing electrical verification test per product specifications and writing test reports. Releasing electrical prints and parts qualification reports.
• Evaluates complex components and develops the necessary test procedures and fixtures to ensure compliance with the functional specifications.
• Participates in the testing and evaluations of complex designs to ensure compliance with the functional requirements.

Requirements:
• Ph.D. / Master / Bachelor Degree in Engineering (Electrical/Electronics/Telecommunication) or related disciplines.
• Minimum 1 year working experience for Engineer/3 years working experience for Senior Engineer/ 5 years working experience for Senior Staff Engineer in a related field.
• Fresh postgraduates must have relevant research background in Energy products.
• Basic knowledge in manufacturing & assembly process & application of design for manufacturing & assembly.
• Familiar with design guidelines of electrical commodity. Familiar with schematic & layout design will be added advantage.
• Familiar with six sigma methodology or green belt/black certified will be added advantage.
• Open to application from non-Malaysians.
• Candidate must be willing to work in Bayan Lepas, Penang and able to start work by June 2012.
Senior Staff/Senior/Mechanical Engineers

Department Description:
Motorola Solutions Energy RND department design and develop batteries, chargers & power supply for highly-sophisticated two way communication products used in professional and mission critical markets of the commercial, government & industrial segments.

Responsibilities:
• Preparing new products concept design that meets customer requirements & expectations, design, process & safety guidelines. Drafting of product specifications.
• Using 3D modeling & surfacing CAD software to design new products.
• Interpreting & generating 2D drawings per mechanical drafting standard.
• Performing mechanical tolerance analysis and DFMEA.
• Setting up & maintaining bill of materials. Supporting prototype/pilot builds.
• Performing mechanical verification tests per products specifications and writing test reports.
• Releasing mechanical prints & parts qualification reports.
• Compiling information for user manuals and/or instruction sheets.

Requirements:
• Ph.D. / Master / Bachelor Degree in Engineering (Mechanical) or related disciplines.
• Minimum 1 year working experience for Engineer/3 years working experience for Senior Engineer/ 5 years working experience for Senior Staff Engineer in a related field.
• Fresh postgraduates must have relevant research background in Energy products.
• Familiar with material properties & design guidelines of mechanical commodity such as plastic & sheet metal.
• Have basic knowledge in plastic tooling constructions & injection molding as well as die cut stamping. Familiar with Mold Flow for plastic molding analysis prior to tooling release.
• Basic knowledge in manufacturing & assembly processes & application of Design for Manufacturability & Assembly.
• Familiar with ProE Wild Fire, six sigma methodology or green belt/black belt certified will be an added advantage.
• Open to application from non-Malaysians.
• Candidate must be willing to work in Bayan Lepas, Penang and able to start work by June 2012.
**Senior DSP Engineer**

**Department Description:**
Motorola Solutions Advance Technology and Research (ATR) Department.

**Responsibilities:**
- Develop and validate new DSP algorithm for enhanced 2 way radio communication.
- Adopt new technology for implementation in 2 way radio communication.
- Research and propose new methods and designs.

**Requirements:**
- Ph.D. / Master / Bachelor Degree in Engineering (Electrical/Electronics/Telecommunication) or related disciplines.
- Minimum 3 years working experience in a related field.
- Fresh postgraduates must have relevant research background in Digital Signal Processing (DSP)/signal processing.
- Candidate must have good understanding in RF/radio communication.
- Preferably candidates with experience in designing DSP codes.
- Candidate must possess excellent communication skills.
- Open to application from non-Malaysians.
- Candidate must be willing to work in Bayan Lepas, Penang and able to start work immediately.