

VACANCY BULLETIN

FLEX is the Sketch-to-Scale™ solutions company that designs and builds intelligent products for a connected world™. With approximately 200,000 professionals across 30 countries and a promise to help the world, the company provides innovative design, engineering, manufacturing, real-time supply chain insight and logistics services to companies of all sizes in various industries and end markets. Flex – Live smarter™.

Flextronics Systems (Penang) Sdn Bhd is seeking a highly motivated experienced mechanical design engineer to work with an interdisciplinary development team, taking an active role in designing world class audio products at our facility in Penang, Malaysia.

Mechanical Design Engineer

We are looking for someone who demonstrates:

- Intense collaboration
- Passionate customer focus
- Thoughtful, fast, disciplined execution
- Tenacious commitment to continuous improvement
- Relentless drive to win

Here is a glimpse of what you'll do:

- Plans, develops, coordinates and directs mechanical development activities for new product programs.
- Develop and applies engineering theories and methods in the investigation and solution of complex technical problems.
- Responsible for 3D CAD modeling in Siemens NX, PCB board transfers, tolerance loops, etc. Part and top-level assembly design with overall mechanical responsibilities.
- Responsible for project resource estimates, mechanical schedule and maintaining progress per the schedule.
- Responsible for risk mitigation, design optimization, cost optimization, weight optimization and DFM (Design for Manufacturing) while meeting the product vision with our quality.
- Responsible to meet the internal testing requirements (environmental tests, mechanical tests, EMC, ESD, etc.) and agency requirements (UL, FCC, CSA, etc.).
- Participate in collaborative development activities with colleagues in other locations (China, USA, etc.)

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Here is some of what you'll need (required):

- Bachelor's degree in Mechanical Engineering and above
- Experience – 5+ years in a product development environment with strong hardware design experience
- Must understand the design rules for plastic injection molding and metal forming, as well as for DFM/A methodologies.
- Proficient in use of solid modeling MCAD system is required- preferably NX.
- Must have ability to apply creativity, sound engineering principles, and hands-on execution to effectively solve problems.
- The ability to construct or modify hardware parts or models with some proficiency with the use of simple hand tools.
- Excellent interpersonal, communications and presentation skills; fluent in English (written and verbal). High level of initiative and energy.
- Fluent in English (written and verbal) and an effective presenter
- Flexibility to work in a new and growing environment
- Knowledge in RF Design (24MHz to5.8GHz)
- Familiarity with Analog design/simulation, signal processing tools such as SPICE or MATLAB
- Microprocessor-based Embedded Systems Design

Here are a few of our preferred experiences:

- Knowledge of high volume, consumer electronics product development is preferred but not a hard requirement.

Electronic Design Engineer

Here is a glimpse of what you'll do:

- Influence system architecture choices for new products considering product requirements, development risk, system cost and time to market.
- Develop detailed subsystem designs balancing cost and risk while ensuring high quality.
- Work with the rest of a cross functional team to transition the design to high volume manufacturing
- Lead the development of the electrical engineering laboratories including management of equipment purchases
- Participate in the hiring of EE staff.

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Here is some of what you'll need (required):

- Bachelor's degree in Electrical and Electronic Engineering and above
- Experience – 5+ years in a product development environment with strong hardware design experience in one or more of the following areas:
 - Discrete component, board level Analog design
 - Mixed Signal IC Design
 - Power Supply Design (linear or switch-mode)
 - Audio Amplifier Design
 - AM/FM/DAB Radio Design
 - Frequency-hopping spread spectrum (FHSS) Design
 - RF Design (24MHz to 5.8GHz)
- Familiarity with Analog design/simulation, and signal processing tools such as SPICE or MATLAB
- Microprocessor-based Embedded Systems Design
- Excellent interpersonal, communications and presentation skills; fluent in English (written and verbal). High level of initiative and energy.
- Fluent in English (written and verbal) and an effective presenter
- Flexibility to work in a new and growing environment

Here are a few of our preferred experiences:

- Knowledge of high volume, consumer electronics product development is preferred but not a hard requirement.
- Experience with the design of products for EMI, UL, FCC or CSA compliance is preferred but not a hard requirement.

Here are a few examples of what you'll get for the great work you provide:

- Full range of medical benefits, dental
- Life Insurance
- Annual leave

Interested candidates are invited to apply online or write-in with a full resume stating qualifications, contact number, working experience, and expected salary together with a recent passport-sized photograph to ShiWei.Low@flex.com or to the following address:



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