



Job Description

Position Name : Engineer, Pen Engineering (EE)

Organizational Unit: Technology Solutions

Location: Hsinchu (新竹縣竹北市復興三路二段 168 號 8 樓之 5 室)

Job Purpose

Performing circuit board functionality design for Active Electro-Static stylus development; including production specification definition, design verification, manufacturing support, reliability test, product failure analysis.

Key Responsibilities:

- Circuit board design to full fill each customized or prototyping products; board layout review with full responsibility to guarantee circuit with full functional operation after manufacturing. The whole development period that have to align with internal PMs requirement.
- Travel, co-operation, technical communication with outside customers, ODMs, OEMs and internal PMs, FWs, EMS is necessary.
- Be realized what functionalities which required from customers and risks assessment before design kick-off, arrange testing procedure to verify customized design, and proceeding product reliability test.
- Immediately taking stylus failure analysis when failure return from outside field, production line of manufacturing, or other conditions likes after sell service.
- Product specification and purchasing document output which including electrical characteristics, electrical criteria of stylus, etc.

Qualifications:

- 2+ years of related experience in a werable bluetooth product design role with a Bachelor's degree in Electrical Engineering or related
 - Good technical knowledge or knowhow of electrical engineering of embedded product desing, including "Arm-based MCU/Power Management/Audio/Inertial Measurement Unit/Capacitive Touch Sensor/IIC,UART Interface" peripheral integration circuit design-in experience, schematic, layout EDA tools operating all are necessary
 - Capabilities with issue analysis and resolve, related analysis equipments operation, independent logic thinking, document and and report writing, communication in Chinese and English, team working and cross function cooperation style
 - Open-minded communication with staffs and customers as well as strong relationship building skills
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