



Job Advertisement – Product Engineer/ Senior Product Engineer

JSAB Technologies Limited is a high-tech company established in Hong Kong in 2007, specializing in the design, research and development (R&D), and sales of **power semiconductor devices**. JSAB is founded and led by a prestigious professor who is the only IEEE Fellow in the field of silicon based power semiconductor in the Greater China Region. JSAB possesses an outstanding technical team which includes PhD holders graduated from prestigious universities in North America and Hong Kong, and professional engineers worked in top semiconductor companies in US, Japan or Taiwan. Moreover, JSAB strategically cooperates with the Hong Kong University of Science and Technology to further enhance her R&D capability.

The technical expertise of JSAB covers R&D, technology innovation, device design, process development, failure analysis, quality and reliability assurance, yield control and enhancement, etc. A series of patented technology platforms including Trench Field-Stop IGBT, Shielded-Gate Trench (SGT) MOSFET, and Planar MOSFET, have been successfully developed. The products are manufactured at top semiconductor foundries and packaging factories to ensure their quality and are widely used in a variety of applications such as power management, motor control, etc.

We are currently looking for **Product Engineer/ Senior Product Engineer**. Major duties include:

- Manage projects on developing new power device products
- Perform device evaluation, characterization and qualification
- Provide application support to customers with occasional travel
- Prepare device specification and documentation
- Characterize product electrical performance and product compliance tests

Requirements:

- Bachelor's degree or above in Electronic Engineering, or in Materials Science/ Physics with background in microelectronics and semiconductors
- Experienced engineer in product development or fresh graduate with strong interest in the semiconductor field.
- Knowledge in semiconductor devices such as diodes, MOSFETs, IGBTs, etc. will be a plus
- Knowledge and experience in failure analysis on power device and modules will be a plus
- Knowledge and experience in test development of ATE system for power device or modules will be a plus
- Experience in PADS Schematic Capture, PCB layout and AutoCAD skills will be a plus

Our office is located at the beautiful campus of the Hong Kong University of Science and Technology at Clear Water Bay. We offer good career path, diversified work exposure and competitive remuneration package. Interested parties please send detailed resume with expected salary by email to hr@jsab.com.hk.

Please visit www.jsab.com.hk for more information of the company.