



We  college hires

Product Engineer (located in Kaohsiung, Taiwan)

Company Description

NXP Semiconductors enables secure connections and infrastructure for a smarter world, advancing solutions that make lives easier, better and safer. As the world leader in secure connectivity solutions for embedded applications, we are driving innovation in the secure connected vehicle, end-to-end security & privacy and smart connected solutions markets.

NXP's Security & Connectivity business unit offers best-in-class security, contactless performance and the most complete solutions to produce unmatched mobile and Internet of Things (IoT) solutions.

Job Summary:

- Responsible for working with team to coordinate, manage and prioritize all activities needed to ramp a product into volume production
- FE/BE source qualification
- Responsible for coordinating test and analysis for disposition of hold lots
- Responsible for on-going product cost reduction efforts and quality improvements; including Test Time reductions /optimization, alternate source qualifications, Yield tracking and improvement, DPPM reduction on transferred parts
- Drive cost-down and quality improvement - Planning of all activities to further reduce the manufacturing costs by development of better and more efficient test methods. Introduce higher multisite- or instrip solutions and further optimize the test flow and number of test stages thereby working together with test and wafer factories while balancing this with Quality performance (PPM levels)
- Flags problems in a project, within and outside their expertise. Has skills to effectively bring about the necessary change in the project. Makes process interventions in teams, e.g. on communication (skilled in human dynamics)
- Has the technical depth & communication skills to lead discussions with technical experts and leaders from other disciplines in Product creation as well as in manufacturing to influence the direction and decisions while making right balance between PE/Industrial requirements and project goals.
- A Lead analyse complex and undefined problems and create non-existing solutions, taking initiatives for problem solving.
- Develop production and characterization test programs for derivative security devices
- Support debug of design and process related yield and performance problems
- Design new loadboards, probecards and sockets for derivative parts or increased multi-site
- Continuous improvement of production yield, test time, and overall test cell performance

Job Qualifications:

- Self-driven and able to take ownership and initiative
- Experience programming in VB/VBA, C++, Perl or Python or ATE (Automatic Test Equipment) e.g. Advantest and Teradyne
- Experience with statistical analysis methods and software e.g. R, JMP, SAS, Minitab, and ability to automate routine analytical tasks
- Understanding of common Standard Logic CMOS Process Technologies (140nm and below)
- Understanding of Non-Volatile memory is a plus
- Bachelor's degree in EE or above
- Excellent communication skills
- Project Management skills or other relevant experiences.
- Convincing influencer, able to operate independently.
- Balances strategic vision with strong execution, can get things done.
- Willing to travel to NXP locations worldwide.

Contacts: Vanessa Cheng (Please submit your application to vanessa.cheng@nxp.com.)

