
About the company

Qplox is a fast growing company offering test and automation engineering. Headquartered in Leuven, our clients are major multinational enterprises and local companies from automotive, semiconductors, RF, consumer electronics.... Our consultancy department offers services in RF, semiconductors and electronics design and test. Our Test automation group offers a one stop shop for design of test benches, system integration production and lab automation solutions.

Job Description

As a part of a world-renowned team, you will be involved in the Research & Development of electronics using thin-film transistors on plastic. You will be working in a high-tech environment on the flexible devices of the future together with a multi-disciplinary team and with our international customers. Today, technology and designs are gaining maturity enabling a clear roadmap to realize worlds-first products. You will be working in the team that will bring the research of today into product-ready designs.

This job requires a designer who is strongly aware and interested in understanding the thin-film transistor, its technology and the constant technology evolutions: the design environment for thin-film transistors on plastic is not as complete as for traditional silicon design, such that the designer must stay closely informed of the technology to come to successful and original designs.

You will be challenged to test and validation your designed circuits and investigate multiple design-for-test strategies for thin-film electronics. Your responsibilities will include:

- Design and customization of thin-film ICs starting from discrete IP blocks. Focus on IoT and backplane applications.
- Test and validation of the designed circuits in lab environment to improve subsequent designs.
- Hands on work in close collaboration with customers with project management and reporting responsibilities.
- Tape out masks with contributions from multiple designers.
- Benchmark results with state of the art and explore new methodologies that go beyond today's solutions

Candidate Description

You want to make a difference and you are looking for a challenge. You are self-driven and constantly exploring new opportunities. You benchmark your results with state of the art and explore new methodologies that go beyond today's solutions

- You have a Master degree or equivalent experience in Electronics Engineering. A PhD is an asset
- Demonstrated industrial experience
- Extensive IC design knowledge and design experience with novel transistor technologies (beyond Si-CMOS).
- Solid experience with IC prototyping (design for testing and manufacturability, automatic test, debugging, etc.)
- Experience in oxide or organic TFT technologies and/or circuit design is a strong plus.
- Results driven and flexible to meet stringent deadlines with quality output.
- Good project management experience driving projects with complex timelines and teams in different locations.
- Quick learner, that is able and interested to acquire new skills and competences
- A flexible team player, actively helping other team members with competent communication and reporting skills.
- good knowledge of English is mandatory

We offer

An attractive salary package with extra benefits. A high tech, multicultural and young ambient. A fast track in a growing company. Formation in multidisciplinary environment plenty of learning opportunities.

Contact

Send your CV and application letter to jobs@qplox.com with the subject "Test automation engineer"
