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## 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.

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## Job Description

As a part of a world-renowned team, this project requires a test engineer who is strongly aware and interested in understanding the thin-film transistor, its technology and the constant technology evolutions. The challenges will be to enable and improve the automatization of the characterization of individual thin-film transistors, basic circuit blocks like inverters and ring oscillators, up to automatic yield map generation of our larger circuit designs (e.g. RFID tags).

Your responsibilities will include:

- Setting up automatic mapping of 6" wafers for small circuit blocks, including automatic parameter analysis.
- Software interfacing of measurement equipment, like SMUs and oscilloscopes.
- Setting up automatic mapping of more complex chips, like RFID tags across 6" wafers
- Optimization of the measurement time for the automatic characterization
- Automatic generation of mapping reports, including important parameters and automatic plot generation

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## 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 have a Master degree or equivalent experience in Electronics Engineering, with 2-7 years industrial experience
- Solid experience with IC testing and characterization
- Excellent skills with python coding
- Experience with designing GUI front ends (our current tools are PyQt based)
- Experience in embedded C/VHDL coding is a plus
- Basic knowledge in PCB design/debug is a 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

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## 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.

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## Contact

Send your CV and application letter to [jobs@qplox.com](mailto:jobs@qplox.com) with the subject "Test automation engineer"

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