
About the company

Qplox is a fast-growing company offering test and automation engineering. Headquartered in Leuven, with offices in Barcelona and Eindhoven.

Our clients are major multinational enterprises and local companies from automotive, semiconductors, RF, consumer electronics.... Our Test automation group offers a one stop shop for design of automated test benches, system integration production, lab automation and data acquisition systems, with a growing focus in IoT sensor networks.

Our consultancy department offers services in RF, semiconductors and electronics design and test, as well as on the crossing roads of Nanotechnology, Bio-Science Engineering and Biotechnology.

Job Description

We are looking for an electronics design engineer with excellent technical skills in the field of FPGA design and programming. You will work on custom imager-based projects which challenges your in-depth knowledge of all an FPGA has to offer.

The assignment

- Design & develop FPGA applications in a multi-disciplinary team.
- Analysis of project requirements and you make the system and firmware architecture your own.
- Design and implementation of high bandwidth read-out systems.
- Work closely with an interdisciplinary team of system engineers, electronics design engineers and researchers.
- Work according to agreed customer timelines and report on progress internally and to customers.
- Manage time effectively and quickly adapt to new project requirements.

Location: Leuven

Candidate Description

- You hold a master's degree in Electronics with at least 5 years of experience in FPGA design and programming for industrial applications.
 - You have excellent knowledge of:
 - Digital techniques & VLSI Design.
 - VHDL coding rules in high-speed applications (CDC, FSM, pipelining).
 - Behavioral and Timing simulation techniques.
 - Tcl/TK scripting in an EDA environment.
 - Verification using virtual (ILA) and laboratory equipment (MSO, LSA).
 - FPGA development environments (AMDxilnx).
 - FPGA high-speed links (Multi Gigabit Tranceivers, Aurora, Multi-channel high-speed ADCs).
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- Embedded Linux environment (Petalinux and PYNQ).
 - You are a team player with excellent communication skills and fluent in English.

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 “**FPGA Development Engineer**”.
