
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 electronics design and Altium Designer environment. You will work in close cooperation with different research groups in the domain of life sciences, imaging, smart sensor systems, flexible electronics, etc. Designing electronic systems.

The assignment

- Select electronic system parts for rapid prototyping and build feasibility setups using internal and COTS (commercial off-the-shelf) building blocks.
- Create implementation specifications, design and verification documentation.
- Design electronic circuits & boards based on implementation requirements and architecture for LVP (Low Volume Production) applications according to internal guidelines and release procedures.
- Verification of electronic boards and systems using various types of lab equipment.

Location: Leuven, Belgium

Candidate Description

- You hold a master's degree in Electronics Engineering or similar through experience.
- You have a strong background in electronics design, Altium Designer environment and verification using simulation tools and various lab equipment like DMM, Power Supplies, Bench Oscilloscopes, Signal Analysers and generators.
- You have in-depth knowledge in one or more fields of expertise:
 - Analog front end design with focus on linearity, stability, high dynamics, and low noise with integrated multichannel ADC-DAC with highspeed serial or parallel interfaces.
 - Digital hardware designs with focus on FPGA SoC, FMC mezzanines, PXI, Ethernet, USB, PCIe, SerDes.
 - Interfaces using Gigabit links and high-speed data busses: Transmission line design & debug, Signal integrity and Jitter Noise analysis.
 - Power Design and Integrity for on-board POL designs or HV drivers-bridges (low power and noise critical implementations).

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- Board Technology specifications for Rigid or Flex Designs, ASIC packaging and wire bonding for Chip-on-Board or Interposer designs.
 - Basic knowledge of firmware or software development principles is a plus.
 - You speak-read-write fluently English.
 - You have a minimum of 10-15 years of industrial experience in a similar function.

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 “**Electronic Design Engineer**”.
