
About the company

Qplox specializes in product qualification and release. We offer consultancy and engineering services for test and lab automation, characterization, verification, validation and end of line test. For a wide range of products, and with special focus in High tech.

Our engineering department develops custom made test and automation systems, electronic prototypes and test benches. Our consultancy department offers our clients a complete solution for their high tech qualification needs. From RF, Photonics, semiconductors... our engineers can help in the qualification of all your advanced products.

Job Description

- You will develop a characterization setup with a high level of automation conform to the existing hardware and software platform: Loadboard schematics design using Altium Designer or Software development using NI LabVIEW on a NI PXI station
- On this setup, you develop and perform measurements of all IC parameters based on the inputs of the IC design team
- You analyse the measurement data to provide feedback to the IC design team, including a characterization report.
- In case of IC bugs, you develop and perform measurements and analysis to identify the root cause

The tasks require:

- Proven experience in IC and microelectronics characterization
 - Solid knowledge on IC and microelectronics
 - Experience with electronic Instrumentation
 - Programming of control software in order to automate test equipment, Labview
 - Some Hardware (test PCBs) design experience
 - Test strategy design, design of experiments
 - Statistical data analysis and reporting
 - Knowledge on and other programming languages
 - Excellent communication and reporting skills
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Candidate Description

The candidate is an electronics or microelectronics engineer or similar background through experience. Several years in electronics or microelectronics in a test, characterization or validation role. A team player, independent and capable of finding his own solutions to the daily challenges. High degree of autonomy and self learning.

- Background in microelectronics test and characterization position.
- Electronic instrumentation, a big plus NI PXI (SMU, LCR meters, AWG, data acquisition boards, NI PXI...)
- Electronic devices (CMOS, Sensors, discrete components, IC's)
- Hardware design, Altium
- Programing abilities, specially Labview (C, Python)
- Data and statistical analysis tools (Excel, Matlab, Origin)
- Office tools (Excel, word, power point)
- Hands on profile, a fluent lab user.
- Proactive and motivated
- Fluent in English

Also valuable

- Hardware development (FPGA, PCB design, electronic design...)
 - Programming languages (C#, Java, Python ...)
 - Communication buses (GPIO, I2C, SPI, UART, RS485, USB)
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We offer

An attractive salary package with extra-legal benefits. A high tech, multicultural and young ambient. Real hiring and fast promotion possibilities in a growing company. Formation and plenty of learning opportunities.

Contact

Send your CV to jobs@qplox.com or surf to www.qplox.com

WANTED