Image sensor Test Engineer

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

Working in a continuously evolving environment you will be part of a team that is responsible for evaluating state-of-the-art CMOS Sensor imagers with advanced technologies for consumer and industrial applications. You have a software mindset combined with hands-on experience on interfacing lab and test hardware.

In this role you will define new testing procedures, execute tests and correlate test issues, analyze data and program an adequate test sequence to capture sensor defect/anomaly.

The tasks require:
- Proven experience in electronics characterization and test
- Experience in software development
- Solid knowledge in electronics and microelectronics
- Experience with electronic Instrumentation
- Test strategy design, design of experiments
- Statistical data analysis and reporting
- Knowledge on and other programming languages
- Excellent communication and reporting skills

Candidate Description

The candidate is an industrial, electronics or microelectronics engineer or similar background through experience. With at least 5 years' experience in electronics or microelectronics in a test, characterization or validation role.
- Experienced test engineer in an industrial environment >5 yrs
- Experienced with general lab equipment (scope, function generator, …) >5 yrs
- Experience with using hardware platforms (e.g. FPGA) and communication protocols such as SPI, I2C, …>5 yrs
- Good with basic programming languages such as python >5 yrs
- Basic knowledge on analog and mixed signal components and concepts (e.g. ADC, filtering, decoupling, bias voltage/current generation, …) and signal integrity on PCB (e.g. matching, reflections, …) >1 yrs
- Natural desire to analyze and solve problems and you are self-critical
- Good team player, able to pursue and find compromise
- Result-driven and have a strong focus on customer satisfaction

Also valuable
- Understanding of image sensors and standard pixel operation are a strong plus
- Some basic knowledge of optics is a strong plus

We offer

Your performance and growth is monitored, assessed and rewarded, you will have an individual development plan based on your competences and interests. We offer an attractive salary package with extra-legal benefits. A high tech, multicultural and young company with fast promotion and many learning possibilities in a growing, multidisciplinary company.

Contact

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