Mm wave design engineer

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

Responsibilities:

1. **Circuit Design:** Develop and optimize mm wave circuits, including amplifiers, mixers, oscillators, and antennas.
2. **Simulation:** Use advanced simulation tools to model and analyze MM wave designs, ensuring performance meets specifications.
3. **Testing and Validation:** Design and execute experiments to validate the performance of MM wave components and systems, troubleshooting and resolving any issues that may arise.
4. **Collaboration:** Work closely with cross-functional teams, including RF engineers, digital designers, and system architects, to integrate MM wave solutions into larger systems.
5. **Documentation:** Create detailed design documentation, including schematics, layouts, and test procedures, to facilitate the manufacturing and testing processes.
6. **Continuous Learning:** Stay abreast of the latest developments in MM wave technology, contributing insights and recommendations to enhance our products.

Location: Leuven

Candidate Description

- Bachelor's/Master's/Ph.D. degree in Electrical Engineering or a related field.
- Proven experience in mm wave circuit design and simulation.
- Proficiency in using tools such as Cadence, Keysight ADS, and HFSS for mm wave design.
- Strong understanding of semiconductor technologies, RF/microwave principles, and electromagnetic theory.
- Excellent problem-solving skills and attention to detail.
- Effective communication skills and ability to work collaboratively in a team environment.
- Familiarity with industry standards and trends in MM wave technology.

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 "**MM wave Design Engineer".**