

## About the company

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Our consulting group is a family of experts in microelectronics, where large companies come for advice in the most daunting semiconductors and microelectronics challenges.

Whatever your view is on high tech electronics, there is always a nice project running in Qplox

We are looking for a technology manager for one of our biggest customers in the Region.

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## Job Description

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We are offering a senior layout engineer position enabling you to join the creation of the next generation mobile phone chips.

The Analog & RF IC Layout Engineer will be part of an experienced layout team. In close cooperation with his colleagues he will be in charge of the layout of high speed analog and RF circuits and he will take up a leading role in the floorplanning and optimization of the system on chip.

He is an expert user of Cadence and Mentor tool suites on nanometer RF CMOS and/or RF SOI technology.

The successful candidate will work closely with the RF designers. He/she will take into account the constraints from the designer and will go through iterations with the designer to further optimize the layout from a performance and area perspective.

RF circuit layout experience in the sub 10-GHz range is mandatory.

The layout engineer should have a good understanding of the different circuit topologies and their constraints for the layout. implementation. Good understanding of the layout rules enables to optimize the implementation.

The senior layout engineer is also capable to perform extraction of parasitics and make the interpretation of these results in view of further optimization.

Location: Leuven

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## Candidate Description

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- Industry Degree qualified (BS or MS EE degree)
  - Ample experience with the Cadence OA VirtuosoXL
  - Experience with RFIC layout (GHz range) in CMOS technology
  - Finfet experience is a major plus.
  - Automation for layout is a plus.
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- Good communication skills & team-player.
- Process oriented, ability to structure the RF layout process
- Continuous strive for improvement in circuits and process.
- Detail oriented and determined
- Relocation to Belgium, if applicable, is strongly recommended.

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## **We offer**

We are proud of our open, multicultural, and informal working environment with ample possibilities to take initiative and show responsibility. We commit to supporting and guiding you in this process; not only with words but also with tangible actions. We actively invest in your development to further your technical and personal growth. Your energy and commitment are appreciated by means of a competitive salary with many fringe benefits.

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## **Contact**

Send your CV and application letter to [jobs@qplox.com](mailto:jobs@qplox.com) indicating the position in the subject

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