



# Analog IC Design Engineer

## About nSilitation

Based in Belgium (Louvain-la-neuve), nSilitation is a leading analog and mixed-signal ASIC/SoC and semiconductor IP provider.

nSilitation specializes in the development of high-speed and/or low power RF, analog and mixed-signal devices with specific enhancements related to safety, yield and reliability. nSilitation IC and IP design services offer top quality design, customization and support dedicated to the needs and specifications of customers. The design team of nSilitation supports clients through the whole integration and product validation phase of the IC or IP. nSilitation serves several customers active in application areas such like automotive, medical, aerospace, wireline, wireless communications and industrial.

## Analog IC Design Engineer

As a member of our engineering team, you will contribute to the design and development of analog and mixed-signal IPs, ICs and SoCs, from product definition to prototyping. You will verify compatibility between all subsystems, make sure that the design is correct, power and cost efficient. Your responsibilities will include:

- working with Senior designers to define new products and their architecture
- maintenance of the functional and design specifications of the circuits
- IC design and simulation both at the system level and at the analog block level down the last detail
- block and full chip layout
- development and execution of IC validation tests
- debugging prototype silicon and interaction with test engineers to characterize the integrated circuit

## Desired profile

- you hold a Masters or PhD degree in Electrical Engineering or equivalent
- you have autonomous, precise and constructive ways to solve complex technical problems
- in a dynamic working environment, you demonstrate good social skills and team spirit
- you are fluent in English



The following qualifications and experience will be considered valuable:

- previous experience directly related to
  - the design of analog (integrated) circuits (circuit design and layout)
  - analog design project leading
  - advanced measurements (lab test bench programming...)
  - PCB design for production
- active knowledge of another language (French, Dutch, German...)

## What we offer

nSilitation is a fast growing start-up company offering a pleasant work environment and a wide range of high-tech design projects, allowing you to develop your technical and management skills. You will be directly integrated into our team of highly experienced engineers.

nSilitation offers competitive wage packages with features such as:

- salary and bonus
- company-sponsored benefits
- company car or lodging costs<sup>1</sup>
- homeworking flexibility
- ...

Your application will be handled with the utmost care and discretion. Please send your application letter and complete CV by e-mail to [jobs@nsilitation.com](mailto:jobs@nsilitation.com)

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<sup>1</sup>Subject to conditions