Senior IC Millimeter Wave Design Engineer

Application to send at Deborah.kurgouale@nxp.com
Location: Toulouse, France

NXP automotive business unit is in charge of developing IC for the connected car, covering areas as diverse as in-vehicle networking, automotive lighting, car radio and audio, automotive power and radar.

The 77GHz radar development team based in Toulouse oversees developing automotive transceiver IC used in short to long range applications, enabling use-cases from parking to cruise control, anti-collision and later autonomous vehicle.

We are looking for a mmW IC design engineer to develop our transceivers dedicated to 77GHz automotive radar applications.

Scope of Responsibilities/Expectations
As a key member of the team, you will be responsible for designing microwave blocks in advanced CMOS technology.

In collaboration with our system engineers and in partnership with our OEM customers, you will define the architecture and topologies to meet the challenges of the overall system, from major electrical performance to low cost integration.

You will design microwave blocks in advanced CMOS technology. Your high level of creativity combined with your successful experiences will enable you to design advanced solutions adapted to high volume production.
You will be integrated in a worldwide team
You will participate to the evaluation of your circuit, assisting the product and test engineering teams during the qualification and production phases.

Your Profile

The ideal candidate will have:
- 8 years of experience in micro-wave design
- Basic knowledge of analog design
- Proficient with Cadence and Agilent design environment and electromagnetic simulation tools
- Proven passion for working in an innovative environment and a multi-cultural context

We offer an energizing working environment with an excellent team active with cutting-edge technology, you will become part of NXP Semiconductors (NASDAQ: NXPI), the number one in Automotive portfolio. We also offer an excellent salary and benefits package and relocation support is provided if required.