



M4S

M4S is daughter company of Huawei, a leading telecom solutions provider. Through continuous customer-centric innovation, Huawei has established end-to-end advantages in Telecom Network Infrastructure, Application & Software, Professional Services and Devices. With comprehensive strengths in wireline, wireless and IP technologies, Huawei has gained a leading position in the All-IP convergence age. Its products and solutions have been deployed in over 100 countries and have served 45 of the world's top 50 telecom operators, as well as one third of the world's population.

M4S develops next generation RF transceivers, supporting 2G, 3G and 4G (LTE) protocols. Today, we're seeking team players who get things done and share a passion for bringing new wireless technologies to the rapidly growing mobile market. Now is your chance to join the M4S engineering team and develop new, world-leading products.

Job Description

The candidate will design, simulate, layout and test integrated CMOS RF circuits in the 100 MHz to 15 GHz range in advanced CMOS technologies. Subsystem design areas (frequency generation) will encompass a GHz programmable low noise low power VCO/DCO, digital PLL, LO-path with dividers and modulators for use in low power, highly integrated wireless RF transceivers. Ability to analytically reason on different circuit topologies, select the right architecture and tweak the right parameters to meet stringent criteria for these circuits is a must. He/she will also perform experimental verification and debugging, along with the integration of complex RF & Mixed Signal functions into system chips. Building accurate models based on layout extraction and 2D/3D modeling tools to match measurements with simulations is essential.

The candidate must be a recognized expert in the field and should be able to technically coach other team members in a team.

Required Education and Experience:

- PhD is preferred or MSEE with equivalent experience
- At least 5 years professional experience in RF design, in the GHz range, preferably in wireless transceivers, VCO/DCO, LO-path, PLL, DPLL, dividers, digital modulators, ...
- Recognized expert in his field.
- Good communication skills & team-player.
- Ability to technically coach other designers
- Process oriented, ability to structure the RF design process



- Continuous strive for improvement in circuits and process.
- Detail oriented and determined

Location

Leuven, Belgium

How To Apply

Send your resume to Peter.Vanbekbergen@huawei.com