novelIC
MICROSYSTEMS

NovelIC is a B2B Company providing high-tech Design Services and Solutions in electronic circuits and systems.

The core engineering team boasts projects in the fields of Digital IC Design (FPGA/ASIC), wireless communications, signal processing, RF/mm-Wave and Analog/Mixed-Signal IC design.

NovelIC has dynamic and creative working environment with excellent conditions.

We are proud to offer several positions for working on a product that shapes the future of wireless communications, according to the newest 802.11ad standard (Wireless Gigabit), which is to upgrade or replace the current WiFi networks.

System-on-Chip Engineers

60 GHz Wireless MAC implementation

2 full-time positions

Critical aspects of the role include taking ownership of the implementing the architecture of the MAC layer for an advanced wireless communication system based on WiGig standard. The ability to understand the given architecture should be outstanding. At least one finished project in the field of communication layers implemented on FPGA or ASIC platform is deemed as necessary.

You should be highly experienced in:

- Modelling of the system at the level C and C++.
- Matlab and Simulink.
- RTL level modelling and implementation in VHDL and/or Verilog.
- FPGA architectures.

Experience in any of the following will be an advantage:

- Knowledge of the SystemC modelling language.
- Wireless systems expertise – WLAN, Bluetooth, 3G/4G mobile or similar.
- PCIe architecture.
- TCP acceleration concepts .

Common skills:

- Education level: Dipl.-Ing or Master Degree.
- Experience in high-scale projects with reporting, presentations, conferences, subversion systems, bug tracking etc.
- Proficiency in English, level B2 at least.

If you are interested please send us your CV (in PDF format) and brief motivation letter by the email to the following address: info@novelic.com.

Your email should have the following subject: *<NIC_Job_Digital_201402 >*

Deadline for applications: **17.March 2014**. The interviews with the selected candidates will be held **in March 2014**, after which the final selection is to be made.

For more insight check out our webpage www.novelic.com.

We are looking forward to meeting you! Novelic Team.