

Senior FPGA Design Engineers

JOB DESCRIPTION

(Released: January 2024)

Thermoteknix, a growing but well-established company based in North Cambridge, is looking for **Senior FPGA Design Engineers** to join and play a key role within our existing team.

Thermoteknix is an award-winning innovator and manufacturer of night vision and thermal imaging equipment for Industrial applications, military, defence, security and law enforcement. Celebrating more than 40 years of business success, the company continues to expand alongside demand for its award-winning and ground-breaking technology.

Candidate

We are seeking experienced and motivated **Senior FPGA Design Engineers** to work in our busy R&D hardware department. The company sees these as key appointments and excellent opportunities for the right individuals.

The Role

The roles involve a wide variety of FPGA design tasks supporting infrared system design. Thermoteknix use Verilog for design on a range of FPGA and SOC devices (Xilinx, MicroSemi, Lattice, Altera).

The primary area of work is a large SOC project for new infrared camera products. You will be working on every phase of the design from concept through to delivery of a working system. The design will need to meet functional requirements, minimise power and support testability. As well as developing Verilog code, you will be expected to work with software engineers to help develop drivers and application software and will need to work with hardware engineers to evaluate devices, agree constraints and support testing.

Other tasks may include smaller FPGA and CPLD designs as well as feature additions to existing products.

Qualifications & Experience

- We are looking for candidates with 'A' level grades (A or B) plus a degree in Electronics or Physics (or the equivalent).
- At least 5 years of significant experience in FPGA design and be able to demonstrate a sound understanding of the principals involved.
- Experience of working in multi-disciplinary teams on fast paced projects is expected.
- A good understanding of the interaction between the FPGA, software and hardware design disciplines is required.
- Knowledge of high level synthesis is advantageous.
- Good academic background and the ability and enthusiasm to find out about, and work in, new areas.

WE ARE ONLY ABLE TO CONSIDER CANDIDATES WHO HAVE THE RIGHT TO WORK IN THE UK

For more information, please email your CV and a covering letter to:

Recruitment
Thermoteknix Systems Limited
Email : recruitment@thermoteknix.com
www.thermoteknix.com