

# Electronics Design Engineer

## JOB DESCRIPTION

(Released: May 2024)

Thermoteknix, a growing but well-established company based in North Cambridge, is looking for an exceptional **Electronics Design Engineer** to work in our busy R&D Electronics team, working on a variety of infrared thermal imaging related projects.

Thermoteknix is an award-winning innovator and manufacturer of night vision and thermal imaging equipment for industrial applications, 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

This role would suit a candidate who wants the challenge and interest of working with a variety of technologies and is happy to immerse themselves in technology areas that may be outside their previous experience i.e. a flexible approach is demanded. A commitment to producing 'right first time' quality products is also essential.

### The Role

The post is likely to involve undertaking a wide variety of tasks e.g. feasibility studies for new products, circuit design, PCB layout, system integration type projects, maintenance of existing product designs, EMC and Low Voltage product approvals, and production support. The technologies involved are also varied and include general radiometric (infrared) system design, digital design including FPGA's/CPLD's (language VHDL or Verilog), DSP and microprocessors, precision and video rate analogue design, optoelectronics, small motor control, and power supply design.

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Must be willing to work in a multidisciplinary team with other mechanical, software and production engineers.

### **Academic Qualifications**

We are looking for candidates with 'A' level grades (A or B) plus a degree in Electronics or Physics (or the equivalent).

### **Experience**

The successful candidate should have at least 3 years design experience and be able to demonstrate a sound understanding of the technologies involved in their previous roles. Other important qualities include a good academic background and the ability and enthusiasm to find out about, and work in, new areas. A demonstrable commitment to producing 'right first time' quality work is essential.

### **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](mailto:recruitment@thermoteknix.com)

[www.thermoteknix.com](http://www.thermoteknix.com)