



<https://newtoncolmore.com/job/fpga-electronics-engineer-defence-cambridge/>

FPGA Electronics Engineer – Defence

Description

I'm supporting a defence company in Cambridge that works on some of the most challenging engineering problems facing UK defence and national security. They're looking for an FPGA specialist who enjoys getting into the detail, building solutions from first principles and turning complex ideas into working systems that make a real-world difference.

You'd be joining a team where engineers, scientists and designers collaborate closely, moving quickly from concept to prototype. The work is varied, hands-on and genuinely meaningful, with projects focused on countering emerging technological and cyber threats. It's the kind of environment where curiosity is encouraged, technical depth is valued and people take pride in solving problems that matter.

The role spans the full development cycle, from requirements capture through to design, implementation, verification and delivery. You'll be working with modern FPGA toolchains and contributing to projects that often involve DSP, modelling, embedded systems or advanced communications technologies. Strong experience with VHDL or Verilog is essential, and any exposure to areas such as MATLAB/Simulink, electronics, embedded C/C++, SDRs, radar or communications systems would be a real advantage. They're open to engineers at different career stages, provided you bring solid fundamentals and a genuine interest in this type of work. Prior defence experience helps but isn't essential.

The organisation offers a well-resourced, supportive environment with excellent facilities and a culture that invests in people. Relocation support is available where appropriate. Due to the nature of the projects, you'll need to be eligible for UK Security Clearance, and the role isn't open to visa sponsorship.

Interest in this role is expected to be high, so early applications are encouraged.

To discuss the position in more detail, you can contact Andrew Welsh, Director of Medical Devices, Biotech and DeepTech Recruitment at Newton Colmore, on +44 121 268 2240. You can also submit your CV and a member of the team will be in touch to talk through next steps.

Hiring organization

Newton Colmore Consulting Ltd

Employment Type

Full-time

Duration of employment

Permanent

Industry

Defence

Job Location

Cambridge, Cambridgeshire

Date posted

6th August 2026

Valid through

30.11.2026

Apply below or email directly:

andrew.welsh@newtoncolmore.com