

## Digital Engineer

**REPORTING TO: Digital Design Group Lead**

**LOCATION: Shipley, West Yorkshire**

Teledyne are looking for a Digital Engineer to join their existing Digital Design Team.

In this role you will be responsible for the design, development and design validation of PCB assemblies containing embedded processor, digital and analogue components during the complete lifecycle, from specification through to production and associated support.

### **Main responsibilities for this role are:**

- Responsible for the design, development and design validation of PCB assemblies containing embedded processor, digital and analogue components during the complete lifecycle, from specification through to production and associated support
- Design and development of functions utilising field programmable gate array devices, specifically using VHD language including software embedded with FPGA devices
- Provide a lead engineer function on specific projects, ensure deadlines met
- Analogue and digital schematic design
- Contribute to continuous improvement
- Produce technical reports, chair meetings and give technical presentations
- Customer and supplier liaison
- Production support
- Support quotations

### **The successful candidate will be able to satisfy the following requirements:**

- Experience designing at both system and component level
- Practical experience in developing FPGA based solutions utilizing hardware description language.
- Analogue and digital schematic design experience
- FPGA hardware platform and firmware design experience
- Knowledge of Analogue design – high speed signal conditioning & power regulation
- Knowledge of high speed digital design
- Experience communicating with customers verbally and in written forms
- Experience of Altium designer and Xilinx EDK development tools
- Experience of VHDL language including software embedded with FPGA devices
- VHDL RTL design experience
- VHDL verification and test bench generation experience
- Environmental design including design for thermal management and EMC
- Proficient in the use of associated test equipment

### **How to apply:**

Please forward your CV to Janette Pattison, Recruitment Manager, Teledyne Defence & Space, Airedale House, Acorn Park, Shipley, West Yorkshire BD17 7SW or via email: [janette.pattison@teledyne.com](mailto:janette.pattison@teledyne.com)