



Senior Electronic Design Engineer

Be a part of one of the UK's most innovative companies and one of the UK's largest privately owned electronics manufacturers.

Jaltek Systems is searching for an Electronic Design Engineer who will be responsible for designing electronic products for a variety of major OEM's

The role:

To Design electronic products for a variety of major OEM's in market sectors including Automotive, Clean Energy, Communication & Broadcasting, Consumer, Defence & Aerospace, Homeland Security, IP Development Platforms, Medical, Scientific Research & Space. With this spread of market sectors you can see that the scope of projects will be vast, challenging and interesting.

Working with a multi-disciplined engineering team consisting of Mechanical, Electronic, PCB and Software Engineers you will be involved in every aspect of the product lifecycle from initial contact with the customer through quotation, conception and design to manufacture. The work is rewarding and diverse enabling you to use the full scope of your electronic engineering skills and experience.

About you:

You will be an experienced Electronic Design Engineer who has designed products for manufacture, accustomed to working to deadlines and able to communicate with customers in an eloquent and professional manner. Whilst you will have a good grounding in embedded systems software your focus will be hardware. You will be self-managing and highly motivated with a methodical, analytical approach and a willingness to work to existing design ethics and style.

Essential skills and experience:

Experience of working in a relevant commercial design environment

Mixed Analogue and Digital Design with Micro-controllers

Schematic Capture

Microprocessors 8, 16, 32, 64 Bit

Highly Developed Structured Approach to Design

Good technical writing and documentation experience

DFMEA and problem solving techniques

Approvals and Validation

Manage project timing

Full driving licence (you may be required to support on customer sites)



Jaltek Systems

Desirable skills and experience:

Switched Mode Power Supply Design

Good understanding of EMC design requirements

FMEA / 8D / Root Cause Analysis

Agile & Scrum experience

Programming Experience: Visual Basic, Windows Programming, C, Assembler, Software, FPGA Firmware

Version Control

Real Time Control Systems

Control of Graphic Displays LCD, TFT

Communications Protocols: CAN, LIN, Ethernet, USB, CAN/Ethernet Diagnostics

What's on offer:

- Competitive salary
- 25 days' holiday plus bank holidays
- Company pension
- Free parking
- BUPA healthcare (after successful completion of probation period)
- Life Insurance

Location:

We are based in Luton, Bedfordshire but the flexibility to work remotely may be available for the right candidate.