

# Senior Electronics Engineer

at Numatic International Ltd, Chard

## About the role:

An exciting opportunity to be the subject matter expert in design and development of all technical aspects relating electronic design. Primarily focused on power & embedded electronic solutions to control our existing & future product range.

You will engage with engineers and suppliers both internally and externally to ensure an optimised solution is engineered and support continuous improvement through innovation, commercialisation and business need.

## Responsibilities:

- Define & maintain documentation detailing system requirements, compliance, performance & validation in accordance with product specifications.
- Lead and participate in the design, development & simulation of all electronic design.
- Collaborate with other design engineers ensuring correct product integration
- Produce detailed designs to meet project / task requirements. Validate design performance, requirements and ensure complete system integration.
- Act as a design lead and mentor for junior members in your relevant area of expertise.

## About you:

Essential:

- Significant knowledge (degree or other appropriate qualification essential) in Electrical/Electronic Engineering or other relevant discipline.
- Considerable demonstrable experience of leading design work in a similar manufacturing business.
- Commercial experience - such as negotiation techniques, supply chain management, volume manufacturing, customer relationship development, etc.
- Conceptual, analytical and problem-solving abilities
- Demonstrable technical knowledge in the following subjects' areas:  
Embedded & power electronic design, schematic capture, PCB layout & simulation, using Altium Designer, Microprocessor, Analogue & digital design
- Ability to diagnose and mitigate EMC/EMI problems
- Power supply design, PWM experience, High voltage design
- DFM, DFT (Design for manufacturability, Design for testability)
- Analyse and solve complex scenarios in mechatronics, interactions of mechanics, electrical and computer related problems
- Previous experience in consumer products, power electronics, portable devices, power tools etc.
- Best practice design guides, rules, manufacturing & assembly techniques.
- Hands on testing & evaluation using a range of test equipment
- Able to work independently or as part of a team.

Desirable Experience:

- Trained as a coach and mentor.
- Knowledge of current and emerging global safety standards
- Use of 3D CAD packages ideally Solid Works

**Salary: £40,000 - £50,000 pa Dependant on experience**

**Closing date: 7<sup>th</sup> September 2020**

To apply please send a CV and covering letter to: [jobs@numatic.co.uk](mailto:jobs@numatic.co.uk)

