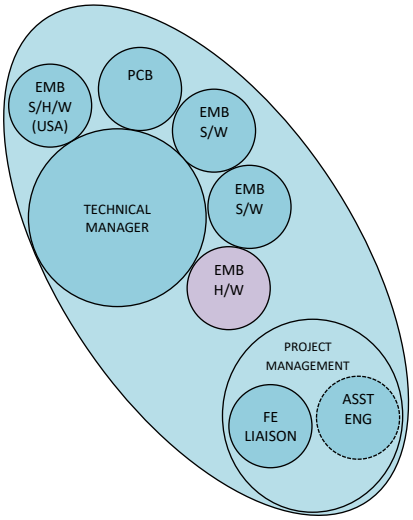
Job Description



Title:	**Electronics Design Engineer**
Reports to:	Technical Manager
Role:	To develop and design market leading electronic products and assemblies.

Description:

The expansion of the Corintech design team, has created a new opportunity for an Electronics Design Engineer. This is a multi-discipline role involving embedded software (40%) and electronic hardware design (60%). You will develop products for our own portfolio and for a wide range of industries and market sectors reflecting our diverse customer base. You will work as part of a design team to realise high quality products ready for manufacture in our UK and Far Eastern facilities.

Product complexity will vary greatly, from a high-speed Linux based SBC with integrated TFT, to an IoT sensor using Bluetooth mesh, to a simple indicator panel for the alarm industry, and everything in between.

Job Outline:

- Review product specifications and propose technical solutions.
- Brainstorm ideas for new products.
- Research, develop and design electronic products, including:
    - Embedded software development in C.
    - Electronic development, design and prototyping, including analogue, power and digital disciplines.
    - Schematic Capture.
    - Application and test software development.
- Produce reliable, high-quality products, fit-for-manufacture, which fully meet the specifications and applicable industry standards (EMC etc.).
- Liaise with Production Engineering and Production staff while migrating products into manufacturing.

Skills and Experience:

The candidate will probably be degree qualified in Electronic Engineering and have more than one year experience in the design of electronic products.

Must have:
Analogue design (sensor interfacing and measurement), Digital design, EMC experience, 32bit microprocessors, embedded C.

Nice to have:
RF knowledge, ultra-low-power electronics for battery-powered systems, switching power supplies, pre-compliance EMC testing, USB, TFT display interfacing, wireless technologies, touchscreen interfaces, Ethernet.

Key Words & Phrases:

RESEARCH & DEVELOPMENT, EMC, ELECTRONICS DESIGN, ANALOGUE, POWER, DIGITAL, INNOVATION, COMMERCIALLY AWARE, DESIGN FOR MANUFACTURE, ULTRA-LOW-POWER