



# Job Description & Competencies

<b>Employee Name</b>	
<b>Position Description</b>	Junior Electronic Design Engineer
<b>Operational Area</b>	Engineering

<b>Key Responsibilities</b>
<ul style="list-style-type: none"><li>• Electronic development from requirements capture, design and prototype, through to production readiness and cost-down</li><li>• Performing other reasonable tasks in line with business requirements</li><li>• This is a varied role with diverse technical challenges so would suit a strong electronic engineer with broad skills who enjoys working across the full product lifecycle.</li></ul>

<b>Key Competencies</b>	
<b>General Competency Band</b>	
<b>Role Specific Competencies</b>	
<b>Qualifications</b> <ul style="list-style-type: none"><li>• HND or Degree-qualified in Electronic Engineering, or equivalent</li></ul>	
<b>Essential Skills</b> <ul style="list-style-type: none"><li>• Champion safe working practices within the design process and the workplace</li><li>• Exceptional eye for detail and an emphasis on quality in day to day work practices</li><li>• Good interpersonal and communication skills and the ability to work effectively in a team environment with limited supervision</li><li>• Experience in the following technical areas:<ul style="list-style-type: none"><li>○ Schematic capture and PCB design; preferred design packages being KiCad</li><li>○ Version control of design files using Github</li></ul></li></ul>	
<b>Desirable Skills</b> <ul style="list-style-type: none"><li>• Demonstrable experience of managing electrical &amp; electronic sub-assembly development from requirements capture through options development, concept design, scheme design, detailed design and manufacture through to installation, testing and commissioning</li><li>• Population of PCB assemblies by hand; strong soldering skills</li><li>• Some experience with programming (C, C++ and Python)</li><li>• Design for EMC compliance</li><li>• Design of power electronics</li><li>• Understanding of the lifecycle, through life costs, configuration control, safety and environmental aspects of product development</li><li>• Experience operating within an ISO 9001 quality system</li><li>• Demonstrable experience of productionisation and cost down of existing products</li><li>• A desire to be challenged and to contribute to the success of the business</li></ul>	