



Job Description & Competencies

Employee Name	
Position Description	Electronic Design Engineer
Operational Area	Engineering

Key Responsibilities
<ul style="list-style-type: none">• Electronic development from requirements capture, design and prototype, through to production readiness and cost-down• Diagnosis, design improvement and consultancy to other team members on EMC to achieve functional and regulatory goals• Performing other reasonable tasks in line with business requirements• 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.

Key Competencies	
General Competency Band	
Role Specific Competencies	
Qualifications <ul style="list-style-type: none">• HND or Degree-qualified in Electronic Engineering, or equivalent, with 5+ years related experience preferably within consumer product development.	
Essential Skills <ul style="list-style-type: none">• Demonstrable experience of managing electrical & electronic sub-assembly development from requirements capture through options development, concept design, scheme design, detailed design and manufacture through to installation, testing and commissioning• Experience in the following technical areas:<ul style="list-style-type: none">○ Schematic capture and PCB design; preferred design packages being KiCad○ Version control of design files using Github• Good interpersonal and communication skills and the ability to work effectively in a team environment with limited supervision• Champion safe working practices within the design process and the workplace• Exceptional eye for detail and an emphasis on quality in day to day work practices	
Desirable Skills <ul style="list-style-type: none">• Product / sub assembly testing and certification• Developing CE marked products• Design for EMC compliance• Design of power electronics• Thorough understanding of the lifecycle, through life costs, configuration control, safety and environmental aspects of product development• Design of consumer electronic products including RF based product features such as RFID, WiFi, Bluetooth, Zigbee and cellular integration• Knowledge of electric vehicle charging standards (CHAdeMO, CCS, J1772, IEC 61851)• Experience operating within an ISO 9001 quality system• Demonstrable experience of productionisation and cost down of existing products• A desire to be challenged and to contribute to the success of the business	