

Role Profile: Hardware Engineer

Business Unit: Job Family: Department name:		Megger Instruments Limited Engineering Continuous Improvement Team	
Core purpose: The purpose of our Hardware Engineers is to conceive, design, test, and optimize electronic hardware components and systems that drive modern technology. Their work directly impacts the functionality, performance, and user experience of various electronic devices we use daily.			
Role summary: A Hardware Engineer is responsible for designing, developing, testing, and overseeing the production of electronic hardware components and systems. These professionals play a critical role in the technology industry by creating the physical components that power various electronic devices and systems.			
Reports to	Head of Continuous Improvement and Test Gear	Number of direct reports	0
Primary objectives <ul style="list-style-type: none"> To support the Continuous improvement team with various hardware updates and changes. 		Customers Internal: Supply chain Manufacturing TSG Sales External: Suppliers	

Main Responsibilities		
Key Result Area	Specific Activities	Measure
Well-designed products	<ul style="list-style-type: none"> Carry out electronic circuit design using ECAD software; this includes simulation followed by rigorous laboratory testing Carry out PCB layouts using approved software tools Detailed documentation of designs Compile BOMs for best fit for design requirements re. function, cost and noting implications for and around obsolescence Work with firmware and mechanical engineering disciplines in design activities Ensure that all work, including design files and other information and modification records are kept up to date and recorded Prepare and present designs to other members of the design team and project stakeholders at design reviews or project meetings 	<ul style="list-style-type: none"> Performance reviews First time yields (KPI's) Peer Reviews

	<ul style="list-style-type: none"> • Adhere to agreed requirements set out by project management in terms of keeping to agreed timescales and milestones • Support engineering managers in recording and reporting design progress to the management team • Attend training as required and develop skills and knowledge to keep up to date with changes and development in relevant technology 	
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Experience, Skills & Knowledge required to be successful in role

Technical Skills/Knowledge	Soft Skills
<ul style="list-style-type: none"> • The successful candidate shall be degree / HND /HNC qualified in Electronic Engineering. • Proficient in Cadence / Orcad Allegro ECAD design toolchain for PCBs. • Be familiar with use of Automatic component placement systems. • Be competent in digital and analogue circuit design • Possess good appreciation of design for EMC compliance • Be methodical in analysis and problem solving • Use of a range of electronic testing and equipment. • Possess competent soldering and PCB rework skills. • Familiarity with technical specification and procurement of electronic components. • Experience in the design of electronic products preferably in measurement including processing of low-level analogue signals. 	<ul style="list-style-type: none"> • Ability to work independently and also as part of a multi-disciplinary team • Exhibit thorough attention to detail • Possess good communications skills: verbal, written, technical report writing, technical presentations. Multi lingual an advantage. • Be competent in using office suite packages (e.g., Microsoft Office) • Ability to understand and interpret requirements from customer specifications

Job Level	X Individual contributor <input type="checkbox"/> Leader of People/Senior Level Individual contributor <input type="checkbox"/> Leader of Leaders
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Shared Values

Caring

Putting the customer first with a 'can do' approach and fully understanding their needs and challenges. Actively develop close, mutually beneficial, working relationships with colleagues.

Captivating

Help solve colleague and customer problems by doing something different, by thinking unconventionally.

Consistent

Bring a positive attitude to work and take pride in your job. Welcome problem solving and shared learning whilst maintaining high standards of work in the team.

Creative

Be prepared to solve and work out options within the team, think positively about new approaches or alternative ways to solve any problems. Actively seek out opportunities for improvement and feed these back into the business.

Confident

Seek knowledge, ask questions and support others.

Benefits

- Life assurance – 2x annual salary
- Enhanced Contributory Salary Exchange Pension Scheme
- Excellent training and development opportunities
- Career development in a growing multinational company
- 33 days annual leave (Inc bank holidays)
- Seasonal Travel Ticket Loan Scheme
- Discounted football membership - Dover Athletic FC
- Free fruit Tuesdays + Thursdays
- Breakfast mornings – Mondays and Wednesdays
- Subsidised refreshments from the Company's canteen.
- Free parking on site in the designated parking bays.
- Access to MyMegger a health and benefits portal offering a number of
- discounts for colleagues including a Cycle to Work Scheme and Electric/hybrid car buying scheme
- Eyecare vouchers
- Free flu vaccinations