



## Job Description

<b>Title:</b>	<b>Graduate Hardware Engineer</b>
<b>Location:</b>	Bar Hill, Cambridge
<b>Purpose of Role:</b>	<p>We are looking for a bright and talented Graduate Hardware Engineer, seeking to launch their career in a growing high technology engineering Company. The role will be working in our Engineering team focusing on new product development</p> <p>We are a small, flexible, dynamic team who are passionate about the technology and the products that we produce that make a difference to every day workings of many worldwide companies.</p>
<b>Dimensions of Role:</b>	<p>We produce real products from concept to design to manufacturing and as a key team member you'll have the opportunity to get involved in all elements of the full Product life cycle as well as working on real and often unique technical problems.</p> <p>We will align you with an experienced engineer who can act as your mentor and you will get hands on experience of projects from day one as well as being put through a personalised induction course that will get you understanding and working effectively in a way that fits your skills.</p> <p>Key aspects of this role will include:</p> <ul style="list-style-type: none"><li>• Architecture and design;</li><li>• Schematic capture, PCB layout and bringing up boards;</li><li>• Documenting design work to facilitate future maintenance;</li><li>• Testing your designs to verify products satisfy their requirements;</li><li>• Working as part of small project teams and delivering to project objectives and timescales;</li><li>• Providing technical support to other teams / departments.</li></ul>
<b>Reporting Relationships:</b>	The role will report into the Head of Hardware.
<b>Key Relationships:</b>	Working with other Hardware Engineers day-to-day and also working as part of small project teams, interacting with Hardware, Software and FPGA Engineers.



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	<p>There will also be interaction with the wider Engineering team including NPI and Software Test.</p>
<b>Key Challenges:</b>	<p>Our timescales for delivery vary widely, so we need versatile and passionate people to tackle new problems as we continue to push new technology forward.</p>
<b>Person Specification:</b>	<p>The candidate must have:</p> <ul style="list-style-type: none"><li>• A degree in Electronics, Digital design or equivalent subject.</li><li>• Excellent attention to detail</li><li>• Creativity and ability to communicate ideas effectively</li><li>• Good inter-personal and team work skills</li><li>• Previous work experience or a degree project involving significant Hardware development would be an advantage</li></ul> <p>The candidate should also have an understanding / experience of the following:</p> <ul style="list-style-type: none"><li>• Hardware high speed digital design and development methodologies;</li><li>• Hardware analogue design and development methodologies;</li><li>• FPGA design and development methodologies</li><li>• Experience of schematic capture tools;</li><li>• Experience of layout tools.</li><li>• Experience of debugging using high speed scopes and other tools</li></ul>
<b>Remuneration</b>	<p>Competitive salary and benefits package.</p>