

Job Title:	Senior Electronics Engineer	Position Type:	Permanent Full-time
Location:	KBRS Melksham		
Department:	Engineering		
Job Description:			
Purpose of position:	We are looking for an enthusiastic Senior Electronics Engineer to develop our next generation of mechatronic electronics products. Working in a dynamic engineering team, they will have involvement from Project Lead, electronics concept, circuit design and CAD entry to product qualification & manufacturing. The incumbent will also provide cover for the Electronics Engineering Manager during absence and in other meetings.		
Training / education:	Degree level in Electronics engineering		
Professional experience and / or qualifications:	A minimum of 5 years recent practical design experience. The individual must have experience of working within a formal product development lifecycle and a multi-disciplined development team.		
Additional skills and requirements (IT, languages, extensive travel, Etc.):	<p>Essential Skills:</p> <ul style="list-style-type: none"> • Providing Project Lead to other engineers. • Defining work packages & technically managing 3rd party engineering services. • Demonstrated ability to work within strict development processes. • Ability to architect and integrate electronic designs. • Development testing and evaluation of prototypes. • Circuit simulation / tolerance modeling of analog & digital circuits. • Design to maximize product reliability and life. • Decomposition of product requirements to the implementation & design level. • DFT & DFA process for mid volume electronic products. • Practical & analytical thought process. • Authoring and reviewing of comprehensive technical reports. • Proven track record and practical ability in electronics. • Demonstrate problem solving skills and be able to specify and implement solutions. • Conduct work using a systematic and methodical approach. • Reporting to Management team on departmental and project progress. <p>Desirable Skills:</p> <ul style="list-style-type: none"> • Processor circuit design based on Infineon's family of processors. 		

	<ul style="list-style-type: none"> • Knowledgeable in new electronics technologies and developments. • Low power (<100W) SMPS design. • Design experience in embedded wireless applications. • Network technologies – Ethernet, CAN, Safety Architectures. • FPGA VHDL experience. • Knowledge of EN50128, EN50155, EN61508. • Xpedition (Mentor Graphics) schematic capture and simulation experience.
Key Indicators:	None
Responsibility for personnel:	Position required technical management of a Team.
Indicative main responsibilities / duties (5-9 key outputs):	
<ul style="list-style-type: none"> • Introducing new technology and methods into the electronic product range. • Electronic Design (Full Life cycle). • Reviewing and approving conceptual design & circuit architectures to meet safety standards. • Writing hardware requirements specifications & technical reports. • Systematically improving the reliability of electronic equipment through following a defined development process. • Ensuring the electronic design meets regulatory standards. • Providing technical guidance / expertise to other colleagues. • Keeping up to date with developments in electronics technologies and regulation 	
Applying for this position:	
By email:	<p>Please send your CV and Covering Letter to:</p> <p>MLK.Recruitment@knorr-bremse.com</p> <p>Please include the 'Job Title' in the email subject.</p>