![DELOPT INSPIRED TO INNOVATE]	**Job Description**	Format No:HR_F_160
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Product Architect- Embedded System - JD (DJD2021017)	
Roles	Product Architect - Embedded System
Responsibilities	Designing and Testing embedded hardware products. Analysing and interpreting performance data
	Troubleshooting and diagnosing errors and suggesting suitable repairs or modifications
	Collaborating with software engineers to ensure software compatibility and integration with the hardware components
	Keeping up to date with the latest advancements in computer technology and design trends
	Work closely with cross-functional team to achieve assigned project/activity targets within boundaries of Time, Cost and Quality

Category		**Description**
Qualifications	BE (E&C, E&E)	
Experience	12+ years experience in Embedded Electronics Engineering Design & Development, executing projects in	
Technical & Process Capabilities	Experience of executing/leading projects in Embedded Electronics	
	Familiar with Electronic Hardware Design Processes, Tools, Design for Manufacturing, Suppliers, Test methodologies	
	Hands on experiencein design and development of Analog, Digital, Mixed Signal circuits. Design Verification & Validation	
	Proficient in Designs based on Microcontroller, Micro Processor, DSP, FPGA, Discrete & Analog IO Communication	
	Communication protocols like SPI, UART, I2C, wifi, Bluetooth, USB, Ethernet	
	Excellent diagnostic and problem-solving abilities.	
	The ability to stay up-to-date with the latest advancements in technology and design.	
	Reliability, signal integrity ,Thermal management ,Simulations	
	Familiar with Measuring instruments	
	Process knowledge maturity, Awareness or exposure to AS9100 / CMMI / ISO Standards	
	Complete Product Life Cycle Management. Product Certification & standards	
Behavioural Capabilities	Collaborative , Capable to interact / interface with customers, Cross functional team	
	Self-driven, Able to Mentor	
	Excellent Communication, verbal & written	
	Passionate & Learning ability	
Values	Accountable & Responsible,	
	Ethics & Integrity, Knowledge, Collaboration, Caring, Agility, Empowerment with Accountability and Sustainability	
Preferred Experience, Knowledge & Attributes	Defence, Industrial ,Retail domain Knowledge	
	Solution / system engg capabilities	
	Embedded Firmware & Software Development	
	Environmental & EMI/EMC stds, Industrial and defence standards	
Compensation	**To be filled by HR**	