



Position Title: Electronics HW Manager

Department: R&D

Reporting To: CTO/ Head, R&D

Functional Area: All Products

Role and Responsibilities:

- Leading all the HW development activities ensuring that the department KPIs are met. Includes planning the development activities, allocating resources, conducting design reviews, test report release and ensuring ontime design deliverables
- RFQ management from HW point of view. Getting design sign offs from the customer. Conducting DFMEA review with the customers.
- Team development, skill gap analysis, recruitment and training
- Presently Monthly and periodic reports to senior management
- Driving Innovation in the team. Motivate the team to innovate new solutions and meeting KPIs for product innovation.
- Defining BoM and meeting product cost target. Identifying innovative solution for VA-VE activities.
- Carrying out development activities as per defined development processes. Meeting Project stage-gate milestones. Interacting with internal stakeholders for DFM, manufacturing process establishment, purchase and vendor development related to HW products.
- Managing technology roadmap for the Electronics HW. Understanding upcoming technologies and leading the implementation of new technology.
- Helping the team to solve technical issues. Manage proto parts building for ontime delivery to the customer.

Minimum Educational Qualification Required: -Bachelor of Technology (B.Tech) / Bachelor of Engineering (B.E) in Electronics**Experience Required :** 12-20 Years. Experience in Electronics product development. Major experience should be in Automotive Electronics**Skills Required:**

Technical Skills:	Basic	Advance	Expert
Expertise on board level Analog and mixed signal design and power electronics design			√
Experience on microcontroller based design architecture for 8/16/32 bit controllers			√
Experience on developing automotive products like Electronic control units, Motor Control units for EV, High Voltage and Low Voltage DC-DC converters, Temp/pressure/speed sensors, Instrument clusters, Battery Management System HW, Vehicle Control Unit			√
Understanding of product development cycle and product engineering			√
Experience in handling a team of atleast 15 people. Team recruitment and training			√
Experience in project management for complete HW development including requirement analysis, design, DFMEA, BOM and costing, proto assembly and testing, validation and production release. Project scheduling and resource allocation			√
Testing and Validations of electronic components and systems as per automotive standards for different markets (Design validation, process validation, EMI/EMC)			√
Well versed with automotive processes (FMEA, PPAP, APQP etc)			√

Behavioral Skill:	Basic	Advance	Expert
Ability to establish relationship with senior management			√
Lead the team by examples			√
Precise and analytical.			√
Ability to self organize and drive the team to meet the deadlines			√

Other Skills	Basic	Advance	Expert
Prior Experience of customer management with Automotive OEMs: 2 wheeler or 4 wheeler		√	
Understanding of process engineering for manufacturing	√		
Written and Oral communication skills			√

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