

<b>Job Title</b>	System Engineer (Multimedia & Connectivity)
<b>Location</b>	TechCenter, Bangalore
<b>No of Position</b>	1
<b>Education Qualification</b>	Minimum 4 years degree, B.E. or M.E/M.S in Computer Science or Electrical / Electronics Engineering
<b>Job Description</b>	<p>Should be well aware of the system characteristics behaviour of the concepts/systems and interfaces for controllers used in multimedia and connectivity e.g Car audio/video/data (Low-High), HMI, heads-up display, touch screen, telematics, Navigation and seamless mobile integration. Should be proficient CDMA, NAD, mobile MOST network, displays and touch screen technologies and programming. Proficient programmer in C++, VB, .NET, Linux. Should be aware of the integrating technologies of multimedia and connectivity and optimizing the performance of a system for a given design. Should be capable of implementing the design and software requirements. Integrate the multimedia &amp; connectivity hardware and software components and interfaces. Should be able to make measurements and testing on actual integrated system and achieve the optimised performance as defined in the design.</p> <p>Activities:</p> <ul style="list-style-type: none"> <li>- Analyse multimedia &amp; connectivity system requirements</li> <li>- Prepare design of multimedia &amp; connectivity components and interfaces</li> <li>- Develop rapid prototype models for optimizing the performance</li> <li>- Implementation of design and software requirements</li> <li>- Integration of multimedia &amp; connectivity components and software</li> <li>- Measurements on actual system and system calibration for optimized performance</li> </ul>
<b>Experience</b>	<p>3+ years</p> <ul style="list-style-type: none"> <li>- System knowledge of multimedia &amp; connectivity components</li> <li>- Experience in multimedia &amp; connectivity and automotive electronics and control strategy</li> <li>- Experience in usage of various rapid prototyping toolboxes in Matlab / dSpace</li> <li>- Experience in measurement and calibration tools and techniques</li> <li>- Optimizing techniques for best system performance</li> <li>- Knowledge of SW development process (e.g. CMM, V-Model, Spice),</li> <li>- MS Office tools (Word, Powerpoint, Excel, Visio)</li> </ul>

<b>Job Title</b>	System Engineer (Body and Security)
<b>Location</b>	Bangalore
<b>No of Position</b>	1
<b>Education Qualification</b>	Minimum 4 years degree, B.E. or M.E/M.S in Computer Science or Electrical / Electronics Engineering
<b>Job Description</b>	<p>Should be well aware of the system characteristics behaviour of the concepts/systems and interfaces for controllers used in body and security e.g Immobilizers, clusters, instrumentation and tachographs, speed/ proximity warning, door/window/roof/seat control, climate control (HVAC), Battery /Energy management, Tire information, antenna modules, gateways – CAN/LIN/MOST, FlexRay, lamp control. Should be proficient in modelling the design in Matlab, dSpace and other rapid prototyping software / hardware tools and interfaces. Should be aware of the techniques to generate auto-code from TL. Should be aware of the methodologies for optimizing the performance of a system for a given design. Should coordinate with the software developers for implementation of the design. Integrate the B&amp;S hardware and software components and interfaces. Should be able to make measurements and testing on actual integrated system and analyse for identify the actual system parameters. Calibration techniques for tuning the parameters for achieving the optimised performance as defined in the design.</p> <p>Activities:</p> <ul style="list-style-type: none"> <li>- Analyse B&amp;S system requirements</li> <li>- Prepare design of B&amp;S components and interfaces for control strategy</li> <li>- Develop rapid prototype models for optimizing the performance</li> <li>- Coordinate with developers for implementation of design</li> <li>- Integration of B&amp;S components and software</li> <li>- Measurements on actual system and system calibration for optimized performance</li> </ul>
<b>Experience</b>	<p>3+ years</p> <ul style="list-style-type: none"> <li>- System knowledge of B&amp;S components</li> <li>- Experience in B&amp;S and automotive electronics and control strategy</li> <li>- Experience in usage of various rapid prototyping toolboxes in Matlab / dSpace</li> <li>- Experience in measurement and calibration tools and techniques</li> <li>- Optimizing techniques for best system performance</li> <li>- Knowledge of SW development process (e.g. CMM, V-Model, Spice),</li> <li>- MS Office tools (Word, Powerpoint, Excel, Visio)</li> </ul>

<b>Job Title</b>	System Engineer (Chassis and Brakes )
<b>Location</b>	TechCenter, Bangalore
<b>No of Position</b>	1
<b>Education Qualification</b>	Minimum 4 years degree, B.E. or M.E/M.S in Computer Science or Electrical / Electronics Engineering
<b>Job Description</b>	<p>Should be well aware of the system characteristics behaviour of the usual electro-mechanical components used for Chassis and Brakes. For e.g Suspensions, compressor and vacuum pumps. Should well aware of the concepts of suspensions, vehicle stability in different vehicle dynamic conditions, ABS, regenerative braking. Should be able to analyse system and prepare system design for interfacing the chassis and Brake components and efficient control strategy. Should be proficient in modelling the design in Matlab, dSpace and other rapid prototyping software / hardware tools and interfaces. Should be aware of the methodologies for optimizing the performance of a system for a given design. Should be aware of using TL for generating auto-code. Should coordinate with the software developers for implementation of the design. Integrate the Chassis and Brakes hardware and software components and interfaces. Should be able to make measurements and testing on actual integrated system and analyse for identify the actual system parameters. Calibration techniques for tuning the parameters for achieving the optimised performance as defined in the design.</p> <p>Activities:</p> <ul style="list-style-type: none"> <li>- Analyse Chassis and Brakes system requirements</li> <li>- Prepare design / architecture for Chassis and Brakes components and interfaces for control strategy</li> <li>- Develop rapid prototype models for optimizing the performance</li> <li>- Coordinate with developers for implementation of design</li> <li>- Integration of Chassis and Brakes components and software</li> <li>- Measurements on actual system and system calibration for optimized performance</li> </ul>
<b>Experience</b>	<p>3+ years</p> <ul style="list-style-type: none"> <li>- System knowledge of Chassis and Brakes components</li> <li>- Experience in Chassis and Brakes and automotive electronics and control strategy</li> <li>- Experience in usage of various rapid prototyping toolboxes in Matlab / dSpace</li> <li>- Experience in measurement and calibration tools and techniques</li> <li>- Optimizing techniques for best system performance</li> <li>- Knowledge of SW development process (e.g. CMM, V-Model, Spice),</li> <li>- MS Office tools (Word, Powerpoint, Excel, Visio)</li> </ul>

<b>Job Title</b>	System Engineer (H/EV)
<b>Location</b>	TechCenter, Bangalore
<b>No of Position</b>	1
<b>Education Qualification</b>	Minimum 4 years degree, B.E. or M.E/M.S in Computer Science or Electrical / Electronics Engineering
<b>Job Description</b>	<p>Should be well aware of the system characteristics behaviour of the usual H/EV electro-mechanical components. For e.g various families of batteries, charging and discharging methods. Calculation of loading of the electrical machine in driving and generation mode. Power electronics involved in charging / discharging batteries and driving / re-generation from electrical machine. Coupling the transmission from electrical machine and engine to the drive-train. Should be able to analyse system and prepare system design / architecture for interface among H/EV components and control strategy. Should be proficient in modelling the design in Matlab, dSpace and other rapid prototyping software / hardware tools and interfaces. Should be aware of the techniques to generate auto-code from TL. Should be aware of the methodologies for optimizing the performance of a system for a given design. Should coordinate with the software developers for implementation of the design. Integrate the H/EV hardware and software components and interfaces. Should be able to make measurements and testing on actual integrated system and an</p> <p>Activities:</p> <ul style="list-style-type: none"> <li>- Analyse H/EV system requirements</li> <li>- Prepare design of H/EV components and interfaces for control strategy</li> <li>- Develop rapid prototype models for optimizing the performance</li> <li>- Coordinate with developers for implementation of design</li> <li>- Integration of H/EV components and software</li> <li>- Measurements on actual system and system calibration for optimized performance</li> </ul>
<b>Experience</b>	<p>3+ years</p> <ul style="list-style-type: none"> <li>- System knowledge of H/EV components</li> <li>- Experience in H/EV and automotive electronics and control strategy</li> <li>- Experience in usage of various rapid prototyping toolboxes in Matlab / dSpace</li> <li>- Experience in measurement and calibration tools and techniques</li> <li>- Optimizing techniques for best system performance</li> <li>- Knowledge of SW development process (e.g. CMM, V-Model, Spice),</li> <li>- MS Office tools (Word, Powerpoint, Excel, Visio)</li> </ul>

<b>Job Title</b>	System Engineer (Transmission)
<b>Location</b>	TechCenter, Bangalore
<b>No of Position</b>	1
<b>Education Qualification</b>	Minimum 4 years degree, B.E. or M.E/M.S in Computer Science or Electrical / Electronics Engineering
<b>Job Description</b>	<p>Should be well aware of the system characteristics behaviour of the usual electro-mechanical components used for Transmission. For e.g clutches, gear box mechanism, planetary gears, CVT, automatic transmission, double clutching, shift by wire etc. Should well aware of the mechanism and effects of different transmissions used in the vehicles. Should be aware about the concepts of automatic transmission and the necessary interaction between engine and brakes. Should be able to analyse system and prepare system design for interfacing the transmission components and efficient control strategy. Should be proficient in modelling the design in Matlab, dSpace and other rapid prototyping software / hardware tools and interfaces. Should be aware of the methodologies for optimizing the performance of a system for a given design. Should be aware of using TL for generating auto-code. Should coordinate with the software developers for implementation of the design. Integrate the transmission hardware and software components and interfaces. Should be able to make measurements and testing on actual integrated system and analyse for identify the actual system parameters. Calibration techniques</p> <p>Activities:</p> <ul style="list-style-type: none"> <li>- Analyse transmission system requirements</li> <li>- Prepare design / architecture for transmission components and interfaces for control strategy</li> <li>- Develop rapid prototype models for optimizing the performance</li> <li>- Coordinate with developers for implementation of design</li> <li>- Integration of transmission components and software</li> <li>- Measurements on actual system and system calibration for optimized performance</li> </ul>
<b>Experience</b>	<p>3+ years</p> <ul style="list-style-type: none"> <li>- System knowledge of transmission components</li> <li>- Experience in transmission and automotive electronics and control strategy</li> <li>- Experience in usage of various rapid prototyping toolboxes in Matlab / dSpace</li> <li>- Experience in measurement and calibration tools and techniques</li> <li>- Optimizing techniques for best system performance</li> <li>- Knowledge of SW development process (e.g. CMM, V-Model, Spice),</li> <li>- MS Office tools (Word, Powerpoint, Excel, Visio)</li> </ul>

<b>Job Title</b>	Software Engineers (Embedded C)
<b>Location</b>	TechCenter, Bangalore
<b>No of Position</b>	3
<b>Education Qualification</b>	Minimum 4 years degree, B.E. or M.E/M.S in Computer Science or Electrical / Electronics Engineering
<b>Job Description</b>	<p>Software development according to guidelines (e.g. system specification) and according to mass production requirements for electronic components in automotive applications. Task focus in the development and debugging of platform software for hardware I/O, communication and memory drivers for Embedded application, modification of the operating systems and integrating application software on the platform software. Porting of low level software across different microprocessor platform.</p> <p>Activities:</p> <ul style="list-style-type: none"> <li>- Understanding of microcontroller architecture</li> <li>- Development of low level Embedded software</li> <li>- Debugging the low level software and testing</li> <li>- modifications to the real time operating system</li> <li>- Integration support for low level software with application software</li> <li>- Support in porting low level software across different microprocessor platforms</li> <li>- Configuration management with MKS or PVCS Version manager and tracker</li> <li>- Creating product related documents, specifications, instructions</li> </ul>
<b>Experience</b>	<p>2+ years</p> <ul style="list-style-type: none"> <li>- Experience in microcontroller programming</li> <li>- Experience in analog, digital, timer, PWM, SPI, CAN, EEPROM, Flash / RAM drivers</li> <li>- Knowledge of real time operating systems</li> <li>- Knowledge of network management</li> <li>- Knowledge of diagnostic protocols</li> <li>- knowledge in compilation process and make scripts</li> <li>- Experience in SW development process (e.g. CMM, V-Modell, Spice)</li> <li>- MS Office tools (Word, Powerpoint, Excel)</li> </ul>

<b>Job Title</b>	Test Engineer (HIL, Labview, dSpace, Python, C++, C, Debuggers, Microprocessors)
<b>Location</b>	TechCenter, Bangalore
<b>No of Position</b>	1
<b>Education Qualification</b>	Minimum 4 years degree, B.E. or M.E/M.S in Computer Science or Electrical / Electronics Engineering
<b>Job Description</b>	<p>Development of test specification both for application software and low level software and according to guidelines (e.g. system specification) and according to mass production requirements for electronic components in automotive applications. Task focus in the developing test plan and testing the application and low level software on HIL systems like Labview and dSpace. Development of test scripts in python/ Teststand for test automation on HIL systems. Development of tools in C++ and VB for application program interface..</p> <p>Activities:</p> <ul style="list-style-type: none"> <li>- Experience in Labview / dSpace / HIL</li> <li>- Experience in script development in python and Teststand for test automation</li> <li>- Experience in application program interface tool development in C++ / VB</li> <li>- Experience in testing low level and application software on HIL</li> <li>- Configuration management with MKS or PVCS Version manager and tracker</li> <li>- Creating product related documents, specifications, instructions</li> </ul>
<b>Experience</b>	<p>2+</p> <ul style="list-style-type: none"> <li>- Experience in testing microcontroller low level drivers</li> <li>- Experience Labview / dSpace</li> <li>- Experience in python/ TestStand for test automation in HIL</li> <li>- Experience in SW test process for application software(e.g. CMM, V-Modell, Spice)</li> <li>- Experience in tool development application interface programming in C++/ VB</li> <li>- MS Office tools (Word, Powerpoint, Excel)</li> </ul>

<b>Job Title</b>	Software Engineers (Engine Modeling & Simulation)
<b>Location</b>	TechCenter, Bangalore
<b>No of Position</b>	2
<b>Education Qualification</b>	Minimum 4 years degree, B.E. or M.E/M.S in Computer Science or Electrical / Electronics Engineering
<b>Job Description</b>	<p>Software development according to guidelines (e.g. system specification) and according to mass production requirements for electronic components in automotive applications. Task focus in the model based application software development and simulation with MatlabSimulink, TargetLink and C code generation subject to requirements according to Cliental modelling guidelines and regulations QMH and QMV.- Modeling and simulation of applications (e.g. engine controller) based on customer specifications by means of MatlabSimulink</p> <p>Activities:</p> <ul style="list-style-type: none"> <li>- Analysis of internal and customer specification</li> <li>- Development of models and generating code with TargetLink</li> <li>- Performing MIL/SIL/PIL tests</li> <li>- Debugging</li> <li>- Integration support</li> <li>- Development of M scripts for automation in Matlab environment and S Functions</li> <li>- Support in performing software and system tests</li> <li>- Configuration management with MKS or PVCS Version manager and tracker</li> <li>- Creating product related documents, specifications, instructions</li> </ul>
<b>Experience</b>	<p>2+</p> <ul style="list-style-type: none"> <li>- Experience in automotive electronics, preferably in Powertrain &amp; Chassis</li> <li>- Knowledge in modelling and simulation and C code generation (Mathlab/Simulink)</li> <li>- Experience in usage of various toolboxes in Matlab / TargetLink</li> <li>- Development of M scripts and S Functions</li> <li>- Knowledge of C for embedded systems, experience in SW development process (e.g. CMM, V-Modell, Spice)</li> <li>- MS Office tools (Word, Powerpoint, Excel)</li> </ul>



<b>Job Title</b>	Graduate Engineer Trainee(Fresher)
<b>Location</b>	TechCenter, Bangalore
<b>No of Position</b>	3
<b>Education Qualification</b>	Minimum 4 years degree, B.E. or M.E/M.S in Computer Science or Electrical / Electronics Engineering
<b>Job Description</b>	<p>Software development according to guidelines (e.g. system specification) and according to mass production requirements for electronic components in automotive applications. Task focus in the model based and embedded software development. Simulation with MatlabSimulink, TargetLink. C programming</p> <p>Activities:</p> <ul style="list-style-type: none"> <li>- Analysis of internal and customer specification</li> <li>- Development of models and generating code with TargetLink</li> <li>- Performing MIL/SIL/PIL tests</li> <li>- Debugging/Testing</li> <li>- Integration support</li> <li>- Development of M scripts for automation in Matlab environment and S Functions</li> <li>- Support in performing software and system tests</li> <li>- Creating product related documents, specifications, instructions</li> </ul>
<b>Experience</b>	Fresher

<b>Job Title</b>	Software Developer
<b>Location</b>	Bangalore
<b>No of Position</b>	4
<b>Education Qualification</b>	B.E ( E&C)
<b>Job Description</b>	Embedded domain with good working knowledge in C programming. Candidates from Automotive background would be preferred
<b>Experience</b>	1-2years

<b>Job Title</b>	Test Programmer
<b>Location</b>	
<b>No of Position</b>	1
<b>Education Qualification</b>	B.E. or Electrical / Electronics Engineering
<b>Job Description</b>	<ul style="list-style-type: none"> <li>-SMT process on PCB assembly</li> <li>-Electronic circuit theory,CAD,BOM</li> <li>- Bed of Nails</li> <li>-Hands on ICT programming &amp; maintenance</li> <li>-Familiarity using the Industrial PC's</li> <li>-Knowledge of TS 16949 / ISO</li> <li>- Electronic circuit theory</li> <li>- Programming (VB,Test Exec SI,Labview ,etc)</li> <li>- Automotive test equipments</li> <li>- Communication concept (VXI,GPIB,RS 232,RS 485)</li> <li>-Hands on any ATE's</li> </ul>
<b>Experience</b>	<p>3+ years</p> <ul style="list-style-type: none"> <li>-Development of Test Equipments / Test fixtures with internal &amp; External facilities to meet the Quality and the customer requirement.</li> <li>-Development of test programs as per the test specifications from the customer.</li> <li>-Management of external &amp; internal Resources in order to handle capacities and qualifications for the Test-Development.</li> <li>- Support test equipments in production / train internal faculty</li> </ul>

<b>Job Title</b>	Project Management
<b>Location</b>	
<b>Education Qualification</b>	7+ years degree, B.E. or M.E/M.S
<b>Job Description</b>	<p>Preparation of manufacturing cost</p> <ul style="list-style-type: none"> <li>-Defining the specific tools requirement and cost estimation</li> <li>-Defining the manufacturing facility requiremetn and the cost estimation for that</li> <li>- Need to have a strong exposourer in the areas of Industrialisation viz(PPAP,SOP)</li> <li>- Defining the specific tools requirement and cost estimation</li> <li>- Defining the manufacturing facility requiremetn and the cost estimation for that.</li> <li>-Localisation of components</li> <li>- Should be good at negotiation, customer management.</li> <li>- New Project ,process &amp; product management</li> </ul>
<b>Experience</b>	<p>Need To Have strong working experience in the areas of Project management</p> <ul style="list-style-type: none"> <li>-Technology Trends in the different market segment preferably in the areas of Automotive .</li> <li>-Should be in a position to co-ordinate between Customer &amp; the respective divison.</li> <li>- Need to be strong at intracting between department.</li> <li>- Defining the manufacturing facility requiremetn and the cost estimation for that.</li> <li>-Localisation of suppliers, purchase &amp; customer.</li> </ul>

<b>Job Title</b>	System Engineer (Transmission)
<b>Location</b>	
<b>No of Position</b>	1
<b>Education Qualification</b>	Minimum 4 years degree, B.E. or M.E/M.S in Computer Science or Electrical / Electronics Engineering
<b>Job Description</b>	<p>Activities:</p> <ul style="list-style-type: none"> <li>- Convert customer requirements into specifications and provide feedback by doing feasibility study.</li> <li>- Prepare design / architecture for transmission components and interfaces for control strategy</li> <li>- Review, validate and approve component/Product as per customer requirement &amp; also as per Internal TPV(Function, Material and dimensions).</li> <li>- Coordinate with Customer/OEM for getting new inputes.</li> <li>-Design concept finalization, develop Table top modules, preliminary BoM release, drawings, process flow, special characteristics, cost enquiries, Design to Cost .</li> <li>- Drafting product functional specifications, Bill of Material, Test requirements &amp; Acceptance criteria.</li> </ul>
<b>Experience</b>	<p>6+ years Strong experience of Software development in the products like <b>Instrument Cluster or Body or security</b> related products.</p> <ul style="list-style-type: none"> <li>- Strong Knowledge of Microcontrollers 8bit, 16bit, C, C++, Embedded C and Assembly language programming for real-time embedded systems.</li> <li>- Microcontrollers NEC, ARM7TDMI, TI MSP430, Motorola 68HC11/12D60 and Microchip 16F8xx,</li> <li>- Experience in usage Protocols CAN, LIN, KWP2000/3000, RS485, I2C, SPI and microwire protocols.</li> <li>- Experience in Microcontrollers usage of Emulators, ICE and logic analyzers , Interfaces with hardware</li> <li>- Experience in Design and testing of electronic hardware for Automotive instruments, sensors, any other control units</li> <li>- Knowledge of SW development process (e.g. CMM, V-Model, Spice),</li> <li>- Basic Knowledge of Quality System Awareness (ISO9000, QS9000 or TS16949).</li> </ul>