

ECU Hardware Developer - PCB Schematics

AXISCADES is a leading, end to end engineering and technology solutions Company. We bring expertise that caters to the digital, engineering and smart manufacturing needs of large enterprises. With over 3 decades of experience in enabling innovative, sustainable and safer products worldwide, AXISCADES delivers business value across the entire engineering lifecycle.

AXISCADES is looking to strengthen its vehicle electronics team with a motivated, dynamic ECU Hardware Developers.

Location: Bengaluru, India

Job Description: ECU Hardware Developer

Key Activities

- Requirement analysis and concept definition
- Module / ECU design & Development - Worst case calculation & Simulation
- Schematic & BOM preparation
- Layout development – coordination
- Sample development coordination with plant
- Test plan preparation, ECU testing
- EMC Test plan and EMC Tests co-ordination
- Project documentation is per defined process
- DFMEA and Functional safety co-ordination

Required skills

- Hands-on experience on analog & digital circuit, Power Electronics, Microcontrollers, Microprocessor, Power supply, PMIC & Device drivers design support.
- Experience in HW (Functional, Compliance) testing, debugging & test report preparation.
- Good knowledge and hands-on experience on EMI/EMC analysis & testing.
- Mandatory Experience in Simulation tools like Pspice, LTspice etc.
- Good in design and documentation with Zuken, MathCAD, Altium Designer.
- Good know how of automotive hardware lifecycle and its quality process.
- Good Team Player and should have strong analytical, and logical skills.
- Good communication skills.
- Hands-on experience in product verification and validation tests.
- Knowledge of Communication Protocols I2C, SPI, CAN, LIN.
- Experience in Automotive domain, module design, functional safety standard - ISO 26262 & FMEA/FMDA is added advantage.

Experience: 3 to 10 yrs

Qualification: B.E / B. Tech / M.E / M. Tech

Attributes:

- Team Player
- Proficient Communicator

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Travel: Occasional travel may be required to make common way of business operation and find out the issues & solutions accordingly.

AXISCADES is an equal opportunity employer. All applicants will be considered for employment without attention to race, color, religion, sex, sexual orientation and gender identity.

Apply at: <https://www.axiscades.com/careers-enquiry.html#auto-car-eng>

Email: pooja.singh@axiscades.in