



## HARDWARE MANUFACTURING ENGINEER (M/F)

Located in Echternach / Luxembourg

### Your responsibilities

- Requirement analysis of internal ECU (Electronic Control Unit) related production topics
- Creating and maintaining the ECU traceability requirements specifications
- Defining and checking of production testing limits
- Analyzing the test coverage of ECU production tests
- Statistical analysis of test data
- Designing ECU production test fixtures
- Releasing ECU production test equipment
- Technical lead of ECU related production issues
- Creating and maintaining in-circuit and functional test specifications for PCBA (Printed Circuit Board Assembly) production
- Creating and maintaining the requirements specifications towards PCBs and PCBAs
- Review of external PCB and PCBA suppliers PPAP documents and release processes
- Interface to internal development departments and external PCBA, PCB suppliers
- Identify relevant input for DMEA and PFMEA

### Your profile

- An academic degree in electrical engineering, mechatronics engineering or equivalent
- First experience in automotive hardware development is considered an asset
- A good knowledge of engineering design principle
- A good knowledge of the following topics is considered a strong asset:
  - Automotive mass production of PCBAs and ECUs
  - Statistics
  - Capacitive measurement principles
- Structured thinking and ability to work independently
- The ability to analyze and solve complex problems  
Excellent organizational and communication skills  
Fluency in English is mandatory, German and/or French are strong assets

If you are interested in this role, please send your application via our website [www.iee-sensing.com](http://www.iee-sensing.com).

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