



Electronic Design Engineer

Areas of Responsibility

As Electronic Design Engineer (m/f) you are responsible for:

- development of new electronic devices based on market demand
- create relevant design deliverables including; EMC test plan, FMEA, Worst Case Analysis including the power dissipation calculation, customer target specification, lifetime test specification, EBOM for costing, block diagram, hardware/software interface document, sub-circuit design documentation as well as the validation plan and report
- design verification and -validation
- ensure design compliance to specification
- object reviews, D-FMEA and testability
- coordination of development tasks with other teams for integration of different functions

Education

You have got a bachelor degree in electrical engineering or similar.

Knowledge

- at least 3 years of experience
- design of analogue circuitry
- design of digital circuitry
- design of electronic boards in accordance with EMC requirements
- 16 and 32 bit Microcontroller knowledge
- simulation tools
- schematic design with CAD tool
- power electronics
- electric motor control
- Switched Mode Power Supply/DC-DC converters
- development process
- design rules
- initial sample report process
- design verification and design validation
- English language

Capabilities

- excellent analytic and communicational skills
- organising skills
- quality orientation
- ability and willingness to learn
- initiative