

Reference Number: 50017289

Project Engineer (m/f/d) eDrive Function Development



Location:

Aachen



Worktime:

Full-time

YOUR TASKS

- Development of inverter/ power electronics controls for e-motors
- Specification, review, design, testing and validation of control algorithms for e-drives and other power electronics systems.
- Simulation and code generation using advanced tools such as MATLAB/Simulink, Plecs and TargetLink
- Specification and development of interfaces to the controller Hardware and other Controllers
- Testing and calibration of functions with INCA, CANape or CDNG
- Vehicle and test bench support for both series applications as well as prototypes
- Traveling and business trips to customers abroad

YOUR QUALIFICATION

- Diploma/Master in engineering, electrical mechanical or mechatronics
- Ideally several years of work experience in automotive development (System, Hardware or Software)
- Proven experience in power electronics and e-motor systems (HW and SW) as well as appropriate controls
- Demonstrated success in project management appreciated
- Knowledge of ISO26262 and automotive SPICE/CM-MI process
- Basic knowledge of electronic hardware
- Basic knowledge of requirements management and bug tracking tools
- High communication and presentation skills
- Proficient in the use of organization and planning methods
- High level at quality and customer approach
- Fluent in English - German knowledge is a plus
- Willing to work abroad and travel

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