



Project Engineer (m/f/d) – for power HIL systems

Location: Paderborn , Böblingen (near Stuttgart), Pfaffenhofen a. d. Ilm (near Munich) /

ID: RTDS-EED-ELE

Are you enthusiastic about electromobility? Do you want to work with innovative technologies? Are you eager to use them in innovative projects together with our customers? As a project engineer (m/f/d) for electric drives and power electronics at dSPACE, the world is your oyster at dSPACE. With our power hardware-in-the-loop systems, our global customers test their power electronic control units at full electrical power under realistic conditions. This involves the realistic simulation of electric motors, batteries, or supplying electrical networks. As a project engineer for power HIL systems, you will be responsible for the planning, programming, commissioning, and support of our power HIL systems.

Your Tasks

- Record customer requirements and design power HIL test systems
- Integrate simulation models for our FPGA and processor platforms
- Link all system components to form a real-time application or system
- Test new solutions and conduct feasibility studies on our development systems
- Carry out commissioning in Paderborn and at our customers' sites (national and international)
- Specialist support of the technical sales team
- Successively take on project responsibility and coordination of national and international customer projects

Your Qualifications

- A degree in technical or scientific studies (Master's or Bachelor's degree in Electrical Engineering, Mechatronics, or comparable)
- Experience in working with model-based development in MATLAB®/Simulink®
- Knowledge in the field of modeling or control of electric machines and power electronics
- Experience with FPGA programming, e.g., Xilinx® System Generator, is an advantage
- Pronounced analytical, systematic, and independent way of working
- Customer orientation, strong communication skills, and ability to work in a team
- Good German and English skills
- Class B driving license

People all over the world use means of transport that have been developed, tested, and validated with dSPACE solutions. As a global technology leader for simulation and validation solutions, dSPACE is a partner along the entire innovation chain, from the initial idea to supporting series production.



dSPACE GmbH
HR | Mr. Benedikt Janke
Rathenastrasse 26
33102 Paderborn | Germany
Tel.: +49 5251 1638-3113
yourcareer@dspace.com