

Technician – Power Electronics

FB02-15-1 zu PB02 Version 1.0, gültig ab: 01.12.2024

Grundlage: VDA-ISA 5.1 (2.1.1), DIN EN ISO/IEC 17025/2017 (6.2.5)

Technician – Power Electronics (m/f/d)

Do you enjoy working in a dedicated young team and want to play a key role in testing power electronics and building test benches? Then you've come to the right place!

We are looking for a Technician in Power Electronics (m/f/d) in part-time or full-time, who will assist in the development and setup of test benches for reliability testing. You will contribute your technical expertise and skills to ensure our clients receive optimal service and that challenges are addressed in a solutions-oriented way.

About us:

We are a young and dynamic company founded in November 2021 as a spin-off from the Chair of Power Electronics at Chemnitz University of Technology. We specialize in providing advanced testing services for power semiconductors. In addition to conducting reliability tests and developing test benches for our customers, we are actively engaged in an EU-funded project and maintain close collaboration with the Chair of Power Electronics on research initiatives. By driving modern technologies such as electromobility and renewable energy, we contribute to reducing CO₂ emissions and are poised for further growth.

We offer you:

- 30 days of annual vacation
- Flexible working hours (core working hours from 08:00 AM to 03:00 PM)
- Flat hierarchies and a positive work atmosphere
- An open work environment where ideas are encouraged and actively shaped
- A secure job with diverse and challenging tasks
- Opportunities for professional and personal development
- Team events to foster a strong sense of community
- Free beverages

Your tasks:

- Assembly and setup of test systems according to the project manager's specifications, followed by documentation
- Creation of circuit diagrams/layouts in KiCad
- Assistance in conducting measurements for test procedure control (plausibility of measurements, technical inspection, safety checks)
- Documentation of measurements

Job Advertisement

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- Designing electrical circuits, including layout, dimensioning, component selection, assembly and commissioning

Your Profile:

- Completed training as a state-certified electronics technician for devices and systems, or an equivalent qualification with a focus on:
 - Managing reliability tests for power electronic components, systems and measurement/test setups, or
 - Hardware design and circuit design
- Extensive knowledge in the fields of energy and automation technology
- Very good skills in MS Office applications, as well as layout programs like KiCad
- Strong teamwork skills and a reliable work ethic
- Knowledge of German is a plus

Interested? Feel free to send us your application (Cover letter, CV and references/certificates) and the earliest possible start date to jobs@cpowerlabs.com.

We look forward to receiving your application!