



The design center DMOS GmbH in Dresden develops customer specific mixed signal integrated circuits for smart power applications, mainly used in the automotive industry. Our ASICs and ASSPs are also used in smart home appliances or the "industry 4.0". Since 2008 the DMOS GmbH owns a new building, with excellent work and development conditions close to Dresden Main Station.

The DMOS GmbH is a subsidiary of the Elmos Semiconductor SE.

## Student Assistant at the DMOS GmbH

*Development and tutorial assistant for a lab exercise in the field IC-Test*

In cooperation with the HTW Dresden the DMOS GmbH offers a lab exercise to interested students in the field IC-Test. This lab exercise will give an insight into the methods of automated integrated circuit tests to the students. The tools for a statistical analysis during this task shall also be demonstrated.

We are looking for a student assistant who supports us in concept and realization of the lab setups, as well as during the lab execution.

### Employment as a student assistant includes the following tasks

- Participation in conception for the lab exercise tasks
- Preparation of a documentation of the lab exercise
- Developing admission tests
- Preparing a software for statistical evaluation of the measurement results in MATLAB / Octave
- Tutorial guidance and supervision of the students during the labs

### Our Requirements

- Completed basic course of studies of Electrical Engineering, Mechatronics or equivalent
- Interest in the fields measuring techniques, programming, data evaluation, statistical analysis, circuit technology
- Basic experience in programming, especially C
- Basic experience in MATLAB / Octave

### This is what you will benefit of

- Equitable Remuneration
- Interesting and challenging tasks in an international environment
- Competent co-workers
- Flexible working time, possibility of Mobile-Office, company and social events



Interested? Apply for it!

Send us your application as PDF-File by Mail.

We are looking forward to get to know you in person!

Contact:

**DMOS GmbH**  
Bergstraße 4  
D-01069 Dresden

Tel.: 0351 / 479 42 – 0  
dmos-bewerbungen@dmos2002.de

[www.dmos2002.de](http://www.dmos2002.de)