



DMOS GmbH is a design center for the development of application-specific mixed-signal circuits for high-voltage applications used in the automotive industry as well as in building and industrial automation 4.0. DMOS GmbH has excellent development and working conditions in its own development and office building near Dresden's main railway station.

DMOS GmbH is a subsidiary of Elmos Semiconductor SE.

Internship assignment at DMOS GmbH

Setting up a verification environment using CocoTb

The following tasks are to be solved as part of an internship:

- Setting up a test and verification environment in Python
- Integration of the Python environment into the typical simulation flow of the Elmos Group
- Verification of an SPI block with CocoTb
- Analysis of the advantages and disadvantages of the approach

You meet the following requirements

- Completed basic studies in electrical engineering, information systems technology (or comparable).
- Experience in the programming languages System Verilog and Python
- Experience in the Verilog language system and the UVM verification method is an advantage
- Experience in working with simulation tools
- Basic knowledge of digital design for ICs and FPGAs

Then you can expect

- Attractive remuneration
- Interesting and challenging tasks in an international environment
- Very good familiarization
- Competent colleagues who are on hand with help and advice
- Flexible working hours, company events and social offers

dmos²
member of the elmos group

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:

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