



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.

Internship/Thesis at the DMOS GmbH

IP block technology transfer to new IC technology

DMOS develops high voltage ICs for automotive and industrial applications. In order to continuously improve our products we change to newer technologies.

During this internship/thesis the following tasks are to be solved

- Translate circuits from one technology to new technology, e.g. to 130nm high voltage mixed signal technology
- Understand specification and circuit requirements
- Plan translation, selection of elements
- Perform translation
- Run simulations and verification for each parameter
- Review and present results

Our Requirements

- Completed basic course of studies of Electrical Engineering, Mechatronics (or equivalent)
- Interest in system modelling, simulation- and behavioral description languages

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

dmos[®]
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!

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