



## Career at TELEFUNKEN Semiconductors

Location Hannover, Niedersachsen

**TELEFUNKEN Semiconductors**, is a worldwide leader in the design and manufacture of energy efficient integrated circuits, for both Power Management and high-performance Interface. Leveraging our proprietary in-house process technology, global design teams and extensive intellectual property (IP) portfolio, TS is able to provide the electronics industry with innovative solutions enhancing performance and reducing power consumption.

In order to support our Product Development Team in Hannover / Germany, we are looking to recruit a

### Power-Electronics IC Design Engineer

#### Your Assignment:

- Design of high performance high-voltage power switching IC products for broad market applications (e.g. offline switchers, LED drivers)
- Support all aspects of an IC development from product definition through release to production
- Designing and simulating both system architecture and analog circuit blocks
- Supervising block and full chip layout, verification with layout parasitics
- Characterizing and debugging first silicon on lab bench
- Supporting Test development to ensure proper test coverage of the product
- Work with Technology Development, Applications, Product Engineering, and Test to drive innovation and to solve any type of problems that may arise

#### Your Profile:

- Degree in Engineering
- Transistor-level design experience in high-voltage and BCD processes
- Familiarity with off-line applications, converter topologies and LED characteristics
- Knowledge of analog circuit design (high-voltage high-current switches and drivers, level shifters, opamps, references, comparators, oscillators)
- Experience with Cadence design environment
- Hands-on lab skills and familiarity with power-electronics measurements
- Years of Experience required: 5+ years
- German and English fluency is mandatory
- Excellent written and oral communication skills are required

**TELEFUNKEN Semiconductors** is always encouraging talented individuals to join the most exciting team in this rapidly expanding field. We offer you performance-based remuneration, attractive social benefits, scope for creativity and any amount of challenges. We will support your career development by means of qualified training.

If you are interested in exploring the opportunities available at **TELEFUNKEN Semiconductors**, we welcome your contact. Please provide us your CV in German and English.

#### Contact:

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