



## Senior SiC Device Design Engineer

Stockholm, Sweden or Munich, Germany

**Join Coherent in Stockholm as a Senior Device Design Engineer, leading cutting-edge SiC power semiconductor innovation!**

As a Senior Device Design Engineer at Coherent, you will be crucial to advancing SiC MOSFET technology. Your primary responsibilities will involve the development and optimization of TCAD models for SiC power MOSFETs, along with the evaluation and analysis of device performance and fabrication technology.

If you possess expertise in semiconductor device design and a deep understanding of device physics and fabrication processes, this role is for you!

### Your responsibilities

The position is full-time and requires a certain operational proximity to the facility in Kista Stockholm, but free working hours are applied and the possibility to work from home on certain occasions, is possible. For this role there is also the possibility of working at the Coherent office in Germany, in Eching just outside Munich.

As a Senior Device Design Engineer, your main work tasks are:

- Developing device designs for SiC power MOSFET products
- Creating TCAD simulation models and structures for MOSFET products and key technologies
- Evaluate and analyze device performance and fabrication technology, correlating results with TCAD models and simulations
- Designing CAD layouts for development and product batches

## Want to know more?

If you want to learn more and how to apply, please visit our website: <https://www.tng.se/lediga-jobb/teknik-ingenjors-jobb/senior-sic-device-design-engineer-at-coherent/> or scan the QR-code below:

