

Sr./Principal Power Application Engineer – SiC Devices (m/f/d)

About the role

In this exciting role, you will drive our power tasks with your power electronics and application know-how, especially with hardware designs and in-application testing activities in modern power applications to benchmark our SiC power devices.

What you will do

- Design SiC-relevant hardware platforms with a focus on power electronics
- Perform measurements in typical power electronics topologies and analyze data
- Co-operate with internal & external development, service partners & University partners
- Prepare demonstrator systems to highlight the benefits of our products & present these to key customers
- Support SiC Go-to-Market
- Support customer design-in activities
- Support application-based power semiconductor characterization and modeling
- Work in an engaged multicultural team with a global footprint

What you will need

- University degree in Power Electronics, Electrical engineering or equivalent
- Experience in designing hardware, especially for power electronic applications with high voltage power semiconductors (>600V & preferably SiC or Wide-bandgap)
- Experience in PCB design, circuit simulation, thermal & mechanical design
- Profound Experience in testing as well as evaluation of power semiconductor performance in widely-used converter topologies
- Experience in power electronics principles and widely-used power semiconductor technologies (preferably with SiC or wide-bandgap devices)
- Experience in performing measurement campaigns in high power & high voltage laboratory environment
- Fluency in English and conversational German is desirable
- Good communication skills, both verbal and in writing
- Willingness to occasionally travel & support our strategic customers

More information?

For more details please contact: john.perez@nexperia.com

Are you interested in this career challenge?

Please apply directly via our career page:



Location
Hamburg
Employment
Fulltime
Contract duration
Permanent
Job-id
R-20010964

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