

Bring Technology to LIFE

Function:
Technology
Development

Languages:
Excellent
English
is a must.

Location:
Villach

Senior Technology Development Engineer, SiC Power Devices (2 positions)

The Position

To strengthen our successful Silicon Carbide (SiC) development team at the site of Villach, we are looking for a technology developer (f/m). In this role, you are responsible for the technology and overall process development of SiC high voltage power devices; in particular SiC JFE Ts or MOSFE Ts. Basis for these developments is the successful SiC diode technology Silicon Carbide thinQ! and the Si transistor technology CoolMOS.

You bring up new ideas in the field of device structures and their manufacturing procedures and evaluate them. Design of device concepts, process concepts including process cost assessment, and decision analysis are also among your tasks as well as the specification of unit process requirements and the coordination of unit process developments.

In addition, you are responsible for the advancements to reach production maturity by planning, accomplishment and analysis of design of the experiments. In these you work closely together in an expert framework of R&D, Application Engineering, Marketing and wafer manufacturing being at one location. The self-driven project management in cross-departmental team completes your field of activity.

Position requirements

- University degree in electronic engineering, physics or a comparable subject with focus on Semiconductor technology needed
- Minimum 3 years professional semiconductor experience or appropriate PhD
- Open communication behavior, flexibility, high team capability and self-driven work
- Very good project experience, MS-Office knowledge