



## Bring Technology to LIFE

Function:  
Application  
Engineering

Languages:  
Excellent  
English  
is a must.

Location:  
Villach

### Senior Application Engineer, Electric Lighting Power Electronics (f/m)

#### The Position

We are looking for engaged Power Electronics Hardware senior designers with experience in design of Lighting equipment, who will work on defining the next generation technology and products based on customer requirements. We seek to generate differentiation potential for our solutions both on power semiconductor side, power architectures and topologies. With groundbreaking technologies such as CoolMOS and SiC devices we foster changes from today's solutions into more energy efficient systems.

Your main responsibility will be to work out the key advantages of our leading edge technologies such as CoolMOS, SiC Schottky diodes SiC & GaN Switches in major target topologies like high-intensity discharge (HID) lamp and light emitting diodes (LED) circuit designs.

Furthermore you will actively support our lead customers on a world-wide basis with our latest products and findings how to use them in the most beneficial way. Your know-how will be shared globally in experts' circles and trainings for our world wide sales force and will be documented in application notes. Your findings will be also published in papers and articles provided to respective media and industry events. Your view on the market and its trends will influence decisions on the next generation of power semiconductor devices.

#### Position requirements

- University degree in electrical engineering,
- A minimum of 3-5 years of professional experience in the design, development and test of lighting power device applications.
- A sound knowledge of the circuit topologies used in HID and LED designs. Knowledge about HID electronic ballast design and the needs of dimmable light designs via PWM.
- The electrical behavior of power devices and ideally knowledge of semiconductor device physics is preferred but not a must.
- Team work orientation, network and strong communication skills
- Customer orientation, business drive and entrepreneurial spirit.
- Experience in the field of professional customer assistance in a global environment is preferred