



Senior Engineer Digital Design Reset Control (f/m /div)*

Job description

Do you want to get the car of the future safely running? Then join our development team in Munich as a Digital Design Engineer Reset Control for our Automotive Microcontroller Central Infrastructure. In this function you will be part of an international team developing the heart of leading-edge automotive microcontrollers. Our designs are essential parts of Advanced Driver Assistance Systems (ADAS), Autonomous Driving and other automotive applications.

In your new role you will:

- Contribute to the Digital Design of Microcontroller **System Mode Logic**
- Take over the **RTL design** and **Synthesis**
- Conduct **structural checks** like **Clock/Reset domain crossing (CDC/RDC)**
- Perform **safety analysis** and **documentation** according to ISO26262
- Align with the **System Mode concept team, cluster architects** and **verification team**

Profile

You recognize potential obstacles in time and use them as good opportunity for further improvement ensuring high quality by foresighted planning. If you cooperate across boundaries and appreciate the contributions of other people then you should join our team.

You are best equipped for this task if you have:

- A degree in **Electrical Engineering, Physics** or a related field
- At least 1-3 years of relevant working experience in **IC Digital Design**
- Microcontroller knowledge
- **System Mode knowhow** (Reset, Power saving modes)
- Basic knowledge about **functional safety** and **cyber security standards** and **application**
- Experience in **VHDL/ (System-)Verilog/ Spyglass/ DFMEA**
- Working experience in international and cross-functional technical teams

Why Us

At a glance

Location:

Job ID: **350306**

Start date: **as soon as possible**

Entry level: **1-3 years**

Type: **Full time**

Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **350306**

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Contact

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Talent Attraction Manager



Part of your life. Part of tomorrow.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

– Automotive (ATV) shapes the future of mobility with microelectronics enabling clean, safe, and smart cars –

Our semiconductors are essential for supporting the automotive megatrends: electromobility, automated driving, connectivity, and advanced security. They link the real and the digital world, driving the ever-advancing pace of automotive digitalization. Infineon **ATV** is the number one semiconductor partner in the fast-changing automotive world, based on our system knowledge and our passion for innovation and quality. [Click here](#) for more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs.

Automotive Microcontroller: We make cars clean, safe and smart

As a leading automotive microcontroller vendor, the Infineon business line **Automotive Microcontroller** (ATV MC) offers the industry's most comprehensive vehicle microcontroller portfolio and complements it with software. We serve automotive key applications, such as powertrain, advanced driver assist, chassis, body, instrument cluster and infotainment. We also address high-performance dependable computing, real-time domain and zone control, smart sensing and affordable artificial intelligence (AI) applications enabling the next stages of automated driving as well as higher levels of car connectivity, digitalization and security.

Being at the core of this transformation, ATV MC contributes to shape the future of mobility enabling clean, safe and smart cars. So join us to create a better future together.

[#AutomotiveMicrocontroller](#)

** The term gender in the sense of the General Equal Treatment Act (GETA) or other national legislation refers to the biological assignment to a gender group. At Infineon we are proud to embrace (gender) diversity, including female, male and diverse.*

