



## Senior Staff Engineer Advanced Process Control (f/m /div)\*

### Job description

In this role, you will actively shape the future of Infineon Dresden by contributing to the introduction and improvement of new semiconductor manufacturing applications and methods.

In your new role you will:

- **Participate in and support a team** for Advance Process Control (APC): Fault Detection & Classification (FDC), Run to Run (R2R) and Virtual Metrology (VM)
- Perform in **depth analysis of production data**, logistic information and statistical key numbers by applying state of the art methodology
- **Develop and deploy solutions** to enable data driven decisions on process setup
- Partner closely with process departments to deeply understand and **specify requirements on project specific control solutions**
- **Take part and lead projects** to successfully implement control solutions based on Infineon's frameworks and application landscape
- Lead and **take part in projects contributing to the site spanning 300mm IC** technology program
- Cooperate with **Infineon-wide unit process** – and APC community and internal IT departments

### Profile

You are best equipped for this task if you have:

- A degree (Master or PhD) in **Automation or Control Technology, STEM fields or comparable**
- Extensive **experience in the semiconductor industry**
- Deep knowledge of and experiences in using state of the art **analytical and statistical methods**
- Several years of experience in the field of **process engineering or development**
- Experiences in **leading projects** with multiple department contributions
- **Willingness to travel**
- **Fluent English and German skills**

### Benefits

### At a glance

Location: **Dresden (Germany)**  
Job ID: **361141**  
Start date: **Sep 01, 2022**  
Entry level: **5+ 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: **361141**  
[www.infineon.com/jobs](https://www.infineon.com/jobs)

### Contact

**Marcel Berthold**  
Talent Attraction Manager



- **Dresden:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International Assignments; Different Career Paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions in office jobs; Home Office possibilities; Part-time work possible (also during parental leave); Spots in local kindergarden; On-site social counselling and works doctor; Health promotion programs; Fitness Room; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement ; Performance bonus; Reduced price for public transport, car sharing, charging station for e-cars and e-bikes; Accessibility, access for wheelchairs

## Why Us

### 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.

**The Frontend (FE)** cluster offers a broad range of manufacturing competence specialized in high-quality logic products. The portfolio represents Power, Bipolar, Sensor, Passive and Diode technologies as well as CMOS, RF-CMOS and embedded flash technologies. The manufacturing sites in Dresden, Kulim, Regensburg and Villach are committed to Operational Excellence with strong customer focus.

*\* 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.*

