



# Step up.



We are shaping the world with sensor solutions!

ams' success, being a world leader in the design and production of high performance analog ICs and sensor solutions is driven by our most important asset - our employees. To support our continuing growth, we are looking for people with ideas, people who want to make a difference and are focused on being the best.

## Process Reliability Engineers (m/f)

Job No. 003164 / Job No. 003022

### Education/experience:

- Degree in Physics, material science or electronics
- Process Reliability
- Semiconductor physics
- programming skills
- Measurement and testing capabilities
- Fluent English (spoken and written)
- Work experience
- Team player

### Job description/tasks and responsibilities:

- Reliability investigation and process qualification (Transistor stability: Hot Carrier Instability (HCI), Biased temperature instability (NBTI), Oxide reliability: Defect density (DD) and lifetime evaluation (Econst), Metalstability: Electromigration (ELMIG))
- Electrical characterization of new process families or modules
- Lifetime monitoring of process families
- Determination of maximum operating condition
- Evaluation of new test methods in the areas of process characterization and reliability investigation
- Additional lifetime investigations on Stress migration, resistor and diode stability

**Workplace:** Premstätten, Styria, Austria

**Collective salary and wage agreement:** We offer competitive salaries and additional benefits based on your performance, experience and qualification. The employment is in accordance with the collective salary and wage agreement for employees of the electrical and electronics industry, employment group G ([http://www.feei.at/kollektivvertraege/kv\\_tabelle/](http://www.feei.at/kollektivvertraege/kv_tabelle/)).

We offer a higher compensation depending on your expertise and skills.

ams offers a great work environment with exciting career paths and trainings, attractive salaries, a profit sharing program, social events and much more.

If you enjoy creativity and innovation, working in teams and an open and friendly corporate culture, we are looking forward to your application via our recruiting platform: [www.ams.com/career](http://www.ams.com/career)

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