



## Senior Engineer Product Engineering (Integrated Circuits Product Matrix)

### Job description

Deviation management, fast feedback to production in deviation with accurate analysis and conclusion.

In your new role you will:

- Initiate/lead yield and quality improvement programs.
- Lots' assessment & disposition to ensure quality of products delivered to customers meet Infineon's quality and reliability standard.
- Fast feedback to production line in case of deviation, problem identification and fast feedback.
- Identify product or technology, or process margin related problem and work with PI/UPE to resolve.
- Support new product releases, technology transfer projects and ramp up production of new technologies.
- To monitor and work with PI/UPE to ensure stability of product parameters
- Support production tools releases (PCRB).
- Lead/support Technology Synchronization.
- Support technology FMEA.
- Deviation management, fast feedback to production in deviation with accurate analysis and conclusion.
- Support/lead FEBE interface on yield, quality and reliability improvement topics
- Provide expert knowledge on risk assessment on product quality and reliability (MRB).
- Knowledge exchange (IFX) and knowledge transfers within IFKM.

### Profile

You are best equipped for this task if you have:

- A university Degree/Master/PhD in Electrical/Electronics/Microelectronics Engineering, Physics or similar.
- 6-8 years of experience in the semiconductor industry, preferable in the field of product engineering, yield engineering, device engineering, product test engineering or similar field. Direct wafer fabrication experiences would be an added advantage.

### At a glance

Location:

Job ID: **336290**

Start date: **as soon as possible**

Entry level: **5+ years**

Type: **Full time**

Contract: **Permanent**

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- In-depth product knowledge and understanding of electrical functions criticality as well as big test data analysis and fast interpretations.
- Excellent understanding of device physics (e.g. MOSFET, PN junction), circuit level knowledge, semiconductor fabrication processes (e.g. diffusion, metallization, oxidation).
- Excellent knowledge of statistical data analysis and tools (e.g. Cornerstone, JMP).
- Good problem solving skills (e.g. 8D method).
- Excellent interpersonal and communication skills for successful inter-group and intra-group interactions.
- Highly motivated in order to accomplish all the tasks required to meet expectations.
- Self-starter, able to perform under pressure/fast-paced working environment.
- Candidate with some programming experiences, scripting has added advantage.

## Benefits

- **Kulim:** 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; Holiday child care; Medical coverage; On-site social counselling and works doctor; Health promotion programs; On-site gym, jogging paths, beachvolleyball, tennis & soccer court; On-site canteen; Private insurance offers; Flexible transition into retirement

## Why Us

**Part of your life. Part of tomorrow.**

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

