



Staff Engineer Product Engineering

Job description

Initiate/lead yield and quality improvement programs

1. Initiate/lead yield and quality improvement programs
 2. Lots' assessment & disposition to ensure quality of products delivered to customers meet 3. Infineon's quality and reliability standard
 3. Fast feedback to production line in case of deviation, problem identification and fast feedback
 4. Identify product or technology, or process margin related problem and work with PI/UPS to resolve
 5. Support new product releases, technology transfer projects and ramp up production of new technologies
 6. To monitor and work with PI/UPS to ensure stability of product parameters
 7. Support Production tools releases (PCRB)
 8. Lead/support Technology Synchronization
 9. Support technology FMEA
 10. 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

1. A university Degree/Master/PhD in Electrical/Electronics/Microelectronics Engineering, Physics or similar.
2. 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.
3. In-depth product knowledge and understanding of electrical functions criticality as well as big test data analysis and fast interpretations.
4. Excellent understanding of device physics (e.g. MOSFET, PN junction), circuit level knowledge, semiconductor fabrication processes (e.g. diffusion, metallization, oxidation).
5. Excellent knowledge of statistical data analysis and tools (e.g. Cornerstone, JMP).
6. Good problem solving skills (e.g. 8D method).
7. Excellent interpersonal and communication skills for successful inter-group and intra-group interactions.
8. Highly motivated in order to accomplish all the tasks required to meet expectations.
9. Self-starter, able to perform under pressure/fast-paced working environment.
10. Candidate with some programming experiences, scripting has added advantage.

Benefits

At a glance

Location: **Kulim (Malaysia)**
Job ID: **363325**
Start date: **as soon as possible**
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. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **363325**
www.infineon.com/jobs



- **Kulim:** Möglichkeit für Coaching, Mentoring & Netzwerken; Trainingsangebot & strukturierte Entwicklungsplanung; Möglichkeit zur internationalen Entsendung; Verschiedene Karrierepfade: Project Management, Technical Ladder, Management & Individual Contributor; Flexible Arbeitszeit: Vertrauensgleitzeit; Ferienbetreuung; Medizinische Absicherung; Sozialberatung & Betriebsarzt; Gesundheits- & Vorsorgeprogramme; Fitness-Studio und Außensportanlagen mit Beachvolleyball, Tennis, Fußball und Laufparcours; Kantine; Versicherungsangebot zu attraktiven Konditionen; Offenheit für flexiblen Übergang in die Altersrente

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.

