

Driving decarbonization and digitalization. Together.



Senior Engineer Quality

Job description

In your new role you will:

- Execution of reliability stress tests up to A7.1 for package/technology development projects based on pre-defined stress-test plans and criteria, coordinate necessary analytical work and document results for assessment in A-Project Team.
- Engagement in development of FMEA and Reliability Assessment Plan (RAP), identification/assessment of all risks related to package reliability with respect to stress test requirements to achieve 1st Pass Qualification. Separate Q006 qualification shall be applied for Cuwires.
- Deliver package platform specific reliability knowledge on relevant failure modes, dependencies from material, design and process to provide comprehensive result assessment supported by analytic results in RAR.
- Consultation on stress/IPI results of qualification, CARs and BE segments on all reliability issues. Independently consult additional reliability experts on failure mode, e.g. FE/BE interaction, 2nd level Reliability.
- Ability to evaluate and/or develop new tools/methods to improve results or solve complex/new problems and able to support Autobahn, Mission and Q006 projects.
- To meet major 5 KPIs set in MAL RQ (A7,1 & A9 Cycle Time ratio, Quality of Delivery, Mission projects Referencing, Zero FAR (package qualification related))

Profile

You are best equipped for this task if you have:

- A Bachelor degree from Electrical/Electronics/Physics/Material/ with minimum 5 years of working experience. Preferably with related semiconductor industry.
- Technical & Functional Competencies:
 - Analytical and problem solving skills.
 - Good aptitude in engineering analysis, problem solving and solution seeking
 - Experience in full reliability assessment flow
 - Experience in general and specific reliability stress requirements
 - Able to discuss and conclude the root cause from failure mechanism
 - Knowledge in assembly and interconnect technology of electronic devices
 - FMEA contribution from past experience of customer complaints and yield analysis
 - Statistical data analysis knowledge

At a glance

Location:

Job ID: **HRC0916702**

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. Alternatively, you can also scan the QR code with your smartphone:

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Why Us

#WeAreIn for driving decarbonization and digitalization.

As a global leader in semiconductor solutions in power systems and IoT, Infineon enables game-changing solutions for green and efficient energy, clean and safe mobility, as well as smart and secure IoT. Together, we drive innovation and customer success, while caring for our people and empowering them to reach ambitious goals. Be a part of making life easier, safer and greener.

Are you in?

We are on a journey to create the best Infineon for everyone.

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant's experience and skills.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

