



Senior Engineer Technology Development

Job description

In your new role you will:

- Develop leading-edge Front-End technology for MEMS products.
- Develop methodologies for MEMS reliability and characterization.
- Develop novel concepts, continuous process & product improvement for best performance.
- Manage the MEMS technology development project throughout the whole project cycle.
- Ensure fast and secure development lot processing including close lot tracking
- Ensure process stability and quality across the complete production flow.
- Analyze and interpret data to derive the necessary process optimizations.
- Take care of development lot logistics including development experiment/DoE definition.
- Act as an interface in cross-functional international teams to project management, device and product design, quality engineering, fab planning & production.
- Closely work with the ramp-up team to diagnose the issue during high volume ramp.
- Respond to customer's technical queries.
- Take the leading role and ownership creatively and create IP 's when possible

Profile

You are best equipped for this task if you have:

- A Master degree or Ph.D. in microelectronics, microsystems, electrical engineering, physics, chemistry, chemical engineering, material science, or similar (Bachelor's with good relevant experience can also be considered)
- Minimum 3-5 years of experience in the field of process technology development or integration in a semiconductor mass production environment, preferably wafer fab. (candidate with lower relevant MEMS experience will also be considered)
- A strong background in semiconductor physics and technology, experience with microelectromechanical systems (MEMS) would be highly appreciated.
- A strong analytical problem-solving mindset.
- A high level of self-motivation, result-focus, communication skills, team player skills, and an ability to work under a highly dynamic and demanding situation.
- Creative ideas, open for knowledge upgrading and presentation abilities.

At a glance

Location: **Kulim**
Job ID: **312291**
Start date: **immediately**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

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