



Principal Engineer, Yield Management

Job description

As a Principal Engineer, Yield Management, you will lead, enhance & maintain standardized yield management system across Manufacturing Backend Cluster

In your new role you will:

- Lead, enhance & maintain standardized **yield management system across Manufacturing Backend Cluster**
- Drive & optimize **Backend-wide Plan & Target yield setting process** (yearly cycle) including assessment, compliance requirement & documentation
- Enhance & maintain **effective Backend yield & cost of yield management reporting** in deriving & tracking **yield improvement roadmap/opportunities**
- Establish & apply **yield improvement methodology** via optimal usage of **data analysis methodologies & analytical tools**
- Actively engage & collaborate with sites' product & engineering team for best known data analysis & problem solving techniques including organizing technical exchange platform
- Drive & collaborate with technical/IT experts on data analytics & business process optimization projects for productivity & quality gains
- Technical lead in developing **Yield/Test/Quality enhancement methodology** and business processes for harmonization/optimization for cross site deployment & implementation
- Establish & provide competent training on yield management & analysis methods to engineering community

Profile

You are best equipped for this task if you have:

- Degree/Master in Electrical & Electronics Engineering, Manufacturing Engineering or equivalent
- **More than 6 years of professional experience in semiconductor manufacturing, preferably in Backend manufacturing, with proven track record in yield management/engineering.**
- **Practical experience in application of data analysis & data visualization using analytical tools eg. Business Intelligence tools, Tableau, KNIME**
- Strong knowledge in **Front-End/Assembly/Final-Test manufacturing products /processes** are essential
- Knowledgeable in relevant manufacturing data sources and product/process /test related data structure.

At a glance

Location:

Job ID: **346929**

Start date: **as soon as possible**

Entry level: **5+ years**

Type: **Full time**

Contract: **Permanent**

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Job ID: **346929**

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- Candidate with experience in **Product/Process Engineering & Device testing including problem solving methodologies (8D, Lean 6 Sigma)**, are highly preferred
- Strong communication skill, self-driven individual with ability to engage and collaborate well in cross functional team

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.

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