One-stop support for your requests:
FA offers high quality analysis support independent of your location



Global landscape of FA capabilities for comprehensive analysis support

Contineous FA method development & participation in research projects for state-of-the-art analysis capabilities

Global Failure Analysis Network

Global knowledge exchange on FA flows, techniques & methods

Global team of experts tailor analysis flow & methods to your case, covering the entire product portfolio

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Failure Analysis supports the entire product lifecycle











First Prototype

Product Development

Reliability & Qualification

Product Idea

Final Application

Failure Analysis support throughout product lifecycle with ...

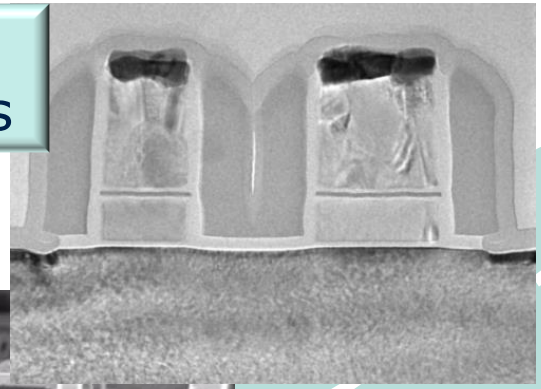
- Highly competent experts working with cutting edge analysis equipment & techniques
- Tailored analysis capabilities for full product portfolio
- KI-supported data analysis for fast & overarching feedback
- Close collaboration of FA experts with design, process, and technology departments

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Analysis flow: The journey to the root cause

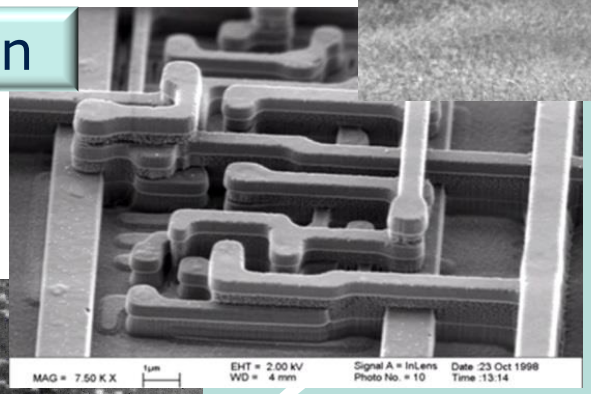
Failure Mechanism

Visualization & Material Analysis



Scanning electron microscopy

Preparation



Nanoprobing

Scanning probe microscopy

Focussed ion beam preparation

Repackaging

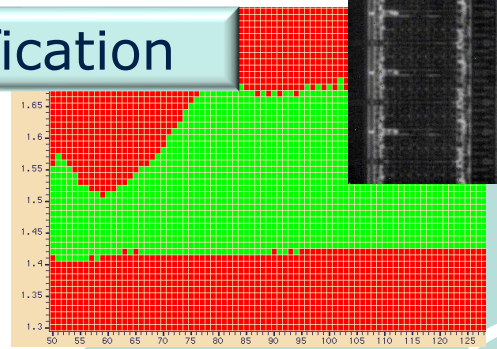
Dry- and wet-chemical package preparation

Localization



Localization by lock-in IR thermography, emission microscopy, and laser-voltage alteration

Verification



Non-destructive optical, X-ray, and acoustic analysis

Electrical measurement

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