



## Europe's leading Reliability and Qualification Facility

**Cost effective, Full Turn-Key solutions for the Reliability testing and Qualification of semiconductor devices and electronic modules.**

### Planning and Development:

- ◆ Qualification Planning
- ◆ Biased Life Test strategy development
- ◆ Life Test Hardware design & manufacture

### Qualification Testing:

- ◆ High Temperature Operating Life (HTOL)
- ◆ High Power HTOL <60W/DUT
- ◆ Early Life Failure Rate (ELFR)
- ◆ Temperature Humidity Bias (THB)
- ◆ Highly Accelerated Stress Test (Biased HAST), UHAST (Unbiased HAST)
- ◆ Low Temperature Operating Life (LTOL)
- ◆ Temperature Cycling (TC)
- ◆ High Temperature Storage (HTS)
- ◆ Test Programme Development
- ◆ ATE Functional Test (Read Point Test)
- ◆ JEDEC – JESD47 Compliant
- ◆ ISO/IEC17025:2005 Accreditation

### BoardLevel Reliability:

- ◆ HALT - Highly Accelerated Life Test
- ◆ HALT Consultancy and training
- ◆ Multi Axis Vibration
- ◆ Raid Temperature Cycling

### Failure Analysis Services:

- ◆ Xray package analysis
- ◆ CSAM package analysis
- ◆ Decapsulation
- ◆ FIB/SEM internal inspection
- ◆ FIB sectioning and imaging
- ◆ SEM EDS studies



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# Independent Test Laboratory