



A Professional Approach for Highly Reliable Expertise and Testing on Electronic Components

HIREX established in 1993 has a recognized expertise in high-reliability space components with proven skills in semiconductors physics, components manufacturing, boards and test systems design, technology and device construction, radiation effects and testing.

Services & Solutions

Procurement

- EEE parts procurement service
- Project & procurement support
- Technical Assistance

Tests & Reliability Laboratory

- Electrical tests (Analog, Digital, RF, Passive, Discrete & Power devices...)
- Wafer level probing capability
- Reliability tests (Burn-In, HTOL, HTRB, ...)
- Mechanical tests (Vibration, Acceleration, ...)
- Environmental tests (Temp. Cycles, shock, ...)
- Optoelectronic tests
- PPBI (FPGA & PROM)
- Total Ionizing Dose & Displacement damage

SEE Laboratory

- Radiation engineering and test
- Neutrons, Proton & Heavy ions tests
- Modelling of space radiation environment
- In orbit error rates prediction

Technology Analysis Laboratory

- Failure analysis
- Destructive Physical Analysis
- Construction Analysis
- Reverse Engineering
- Counterfeit control
- 3D Xray service
- Sample preparation (SEE-FA)