



# microcross

Silicon Turnkey Solutions **STS**

## Environmental (Reliability) Test Services



***One Source for Full Turnkey  
Advanced Test Solutions***

*Microcross Silicon Turnkey Solutions (STS) advanced testing facility provides more than 40 years of component and product testing expertise to meet critical program and application needs.*

*Our core engineering and manufacturing strengths provide advanced solutions in areas such as environmental testing, electrical test and specialty packaging, as well as component, board and reliability qualification testing services.*



*One Source. One Solution.™*

### Providing Extensive Environmental Test Services across a Vast Array of Applications:

- Autoclave
- Ball Shear
- Constant Acceleration
- Die Shear
- EFR Analysis
- ESD (HBM, MM, CDM)
- Fine & Gross Leak
- High and Low Temperature Operating Limits (HTOL/LTOL)
- Highly Accelerated Stress Test (HAST)
- High Temperature Storage Life (HTSL)
- Latch-up
- Mechanical Shock
- Preconditioning & Moisture Resistance Test
- Salt Atmosphere
- Seal Testing
- Temperature/Humidity Bias (THB)
- Temperature & Power Cycling
- Thermal Shock
- Vibration
- Wire Pull

#### Next-Gen Reliability

- Advanced Chamberless Burn-in
- Liquid Burn-in
- Thermal-Electric Cooling

#### Typical Applications

- Hybrids
- Monolithics
- Discrete Semiconductors
- PEMs
- SiPs

#### Quality Certifications

- DMEA Trusted Source
- DLA Certified
- ITAR-Registered
- AS9100:2016/ISO 9001:2015
- MIL-STD-202
- MIL-STD-750
- MIL-STD-883
- MIL-PRF-38535 QML Level Q – Assembly & Test

### As the One Source Solution, Microcross also provides:

- Test Program Development
- Electrical Testing
- Mechanical Testing
- Package Testing
- Advanced Packaging & Assembly Services
- Plastic Encapsulated Microcircuit (PEM) Qualification
- Tester Rental

To request a quote, contact:

[sales@sts-usa.com](mailto:sales@sts-usa.com)

#### Microcross Silicon Turnkey Solutions

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