



Silicon Turnkey Solution's ESD/Latch-Up Lab

"Where Precision and Performance Transcends at Every Level"

STS INTRODUCES THE MOST ADVANCED ESD & LATCH-UP TESTERS TO IT'S TESTING LINE.

FREMONT, California - September 19, 2006 - Silicon Turnkey Solutions, Inc (STS), a one-stop supplier of High End Specialty Assembly, Electrical Test, Qualification, Reliability and Product Screening for a wide array of highly advanced, complex and high pin count ICs for the Space, Defense & Military, Consumer, Telecommunications, Medical, Computers and Automotive companies., **announces the introduction of the 2304 pin ESD/Latch-up tester, MK.4, made by Thermo KeyTek Corporation.**

The MK.4 system is the most technologically advanced, super fast, highly automated ESD and Latch-Up System in the market for extremely high pin count devices. MK.4 system precludes the need for quadrant and split fixture testing. It is a fully compliant tester to JEDEC, ESDA, AEC and Mil STD for HBM, MM & Latch-up testing.



The features of the MK.4 include:

- ✦ Fastest Automated HBM/MM/Latch-up with 2304 Pin Test Capability
- ✦ HBM Range from 25V to 8KV in 1V Steps
- ✦ MM Range of 25V to 2KV in 1V Steps
- ✦ Latch-Up Testing with 256K Vectors/pin with Read-Back
- ✦ Up to 10 MHz vector Rate
- ✦ 6 Independent Vector Voltage Levels
- ✦ Up to 8 Separate V/I Supplies
- ✦ Rapid Relay-based Operations
- ✦ Event Trigger Output
- ✦ Power Supply Sequencing
- ✦ Waveform Network: 12 Site HBM (100pF/1500) Pulse Source
- ✦ Multiple Device Selection
- ✦ Translation of Pin Type Test Requirements
- ✦ Import & Export Data in Customizable Form
- ✦ Characterization that you can Manipulate
- ✦ Data Transferable to FTP

"As more and more companies are introducing high pin count devices, especially in 90nm and 65nm; we needed to offer the leading edge ESD / Latch-Up equipment for single insertion testing", said Zef Malik, President of STS. "Thermo KeyTek's MK.4 ESD/Latch-Up tester has exhibited extremely accurate, repeatable test results for very high pin count devices. Our customers will benefit from MK.4's high current and high accuracy DUT power supplies, statistical data analysis features and high degree of automation with faster speed".

In addition to the MK.4 2304 pin tester, STS has a wide range of advanced ESD and Latch-up testers for system level and also for lower pin count devices.

STS (<http://www.siliceturnkey.com>) is headquartered in Fremont California with Sales, Reliability and Test Service offerings. STS offers provides complete turnkey solutions for products and services for use in Space, Defense & Military, Consumer, Telecommunications, Medical, Computers, Automobiles and more. STS is an ISO-9001:2000, QML and ITAR. STS's complete ESD/LU offerings can be viewed at <http://www.esdlab.com>