

International Accreditation Service

# CERTIFICATE OF ACCREDITATION

*This is to signify that*

**SILICON TURNKEY SOLUTIONS, INC.**

801 BUCKEYE COURT  
MILPITAS, CALIFORNIA 95035

Testing Laboratory TL-366

has met the requirements of the IAS Accreditation Criteria for Testing Laboratories (AC89), has demonstrated compliance with ANS/ISO/IEC Standard 17025:2005, *General requirements for the competence of testing and calibration laboratories*, and has been accredited, commencing September 21, 2012, for the test methods listed in the approved scope of accreditation.



Patrick V. McCullen  
Vice President



C. P. Ramani, P.E.  
President



*(see attached scope of accreditation for fields of testing and accredited test methods)*

Print Date: 10/02/2012

*This accreditation certificate supersedes any IAS accreditation certificate bearing an earlier date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation.  
See the IAS Accreditation Listings on the web at [www.iasonline.org](http://www.iasonline.org) for current accreditation information, or contact IAS directly at (562) 364-8201.*

International Accreditation Service  
**SCOPE OF ACCREDITATION**

Silicon Turnkey Solutions, Inc TL-366

Silicon Turnkey Solutions, Inc.  
 801 Buckeye Ct.  
 Milpitas, CA 95035

Ebrahim Kazemi  
 QA Manager  
 (408) 904-4230

FIELDS OF TESTING	ACCREDITED TEST METHODS
Electrical Testing	MIL-STD-883 Method 5005; device specific data sheets
Environmental Testing (Thermal and Mechanical Stress)	MIL-STD-883
Burn-in Testing	MIL-STD-883 Method 1005 and 1015
Electro-static Discharge Classification	MIL-STD-883 Method 3015
Human Body Modeling	ANSI/ESD Standard STM 5.1; Automotive Electronics Council Standard AEC-Q100-002; JESD22-A114
Charged Device Modeling	AEC-Q100-011; ESD Association Standard STM5.3.1; JESD22-C101
Machine Model	AEC-Q100-003; ESD Association Standard STM 5.2; JESD-A115
Electrostatic Discharge Immunity	IEC 61000-4-2
IC Latch Up Test	AEC-Q100-004; JESD78A
ENERGY STAR Program Requirements for lighting (except Electromagnetic and Radio Frequency Interference, Air Tight for Restricted Airflow, and Mercury Content)	IESNA LM-79-08, Approved Method for Electrical and Photometric Measurements of Solid-State Lighting Products, Sections 9.1, 9.2, 10 and 12  IESNA LM-80-08, Approved Method for Measuring Lumen Maintenance of LED Light Sources (LED Packages/Modules/Arrays)

September 21, 2012  
 Commencement Date



*C. P. Ramani*  
 C. P. Ramani, P.E.  
 President

Print Date: 10/02/2012

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