



Certificate of Compliance

Certificate: 80008668

Master Contract: 255632

Project: 80008668

Date Issued: 2019-11-29

Issued To: Analog Devices Incorporated
 804 Woburn St.
 Wilmington, Massachusetts, 01887-3462
 United States

Attention: Keith Bennett

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C', 'US' and ▲



Issued by: *Martin Buchanan*
 Martin Buchanan, P. Eng.

PRODUCTS

CLASS - C907330 - ELECTRONIC COMPONENTS Optoisolators and non-optocal isolating devices
 CLASS - C907391 - ELECTRONIC COMPONENTS Optoisolators and non-optical isolating devices -
 Certified to US Standards

Component Acceptance of Isolator Module Devices:

Device (BGA LGA 42 package)	Ratings		Clauses of Standard/Notice	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
LTM9100wx	5.0	105	CSA 60950-1-07+A1+A2 2.10.3.3, 2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2 62368-1-14 5.4.3, 5.4.2, 5.4.4.4, 5.4.7, 5.4.1.5.3, 4.5.8, 5.4.9.1, 4.1.2 IEC 60950-1 2nd Ed.,+A1+A2 2.10.3.3, 2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2	-	-	14.4



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Device (BGA LGA 42 package)	Ratings		Clauses of Standard/Notice	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
			62368-1-14 5.4.3, 5.4.2, 5.4.4.4, 5.4.7, 5.4.1.5.3, 4.5.8, 5.4.9.1, 4.1.2 UL UL 1577-2015 Standard for Optical Isolators - Single protection			

where w is a letter for temperature range up to 105C, x is V for LGA package or Y for BGA package.

Notes:

1. These devices meet basic insulation requirements for 1440Vrms for CSA 60950-1-07+A1+A2 and IEC 60950-1 2nd Ed.+A1+A2. (pollution degree 2, material group III)
2. These devices meet reinforced insulation requirements for 720Vrms for CSA 60950-1-07+A1+A2 and IEC 60950-1 2nd Ed.+A1+A2. (pollution degree 2, material group III)
3. These devices meet basic insulation requirements for 600Vrms for CSA 62368-1-14 and IEC 62368-1:2014. (pollution degree 2, material group III)
4. These devices meet reinforced insulation requirements for 300Vrms for CSA 62368-1-14 and IEC 62368-1:2014. (pollution degree 2, material group III)
5. Case material: CTI=600V, erosion depth 0.028mm, meets material group I.
6. The creepage and clearance has been evaluated for altitudes ≤ 2000m, in pollution degree 2, material group III and overvoltage category II except where specified otherwise.

These devices are Component Accepted as components for use in other Certified equipment where the suitability of the combination shall be determined by investigation in the final application.

APPLICABLE REQUIREMENTS

- CAN/CSA-C22.2 No 60950-1-07+A1+A2 - Information Technology Equipment - Safety - Part 1: General Requirements (Bi-national Standard, with UL 60950-1)
- CAN/CSA-C22.2 No. 62368-1-14 - Audio/video, information and communication technology equipment– Part 1: Safety requirements
- IEC 60950-1 2nd Ed.+A1+A2 - Information Technology Equipment - Safety - Part 1: General Requirements
- IEC 62368-1:2014 Ed. 2 - Audio/video, information and communication technology equipment– Part 1: Safety requirements
- ANSI/UL 1577-2015 - Standard for Optical Isolators