



# Certificate of Compliance

**Certificate:** 80008666

**Master Contract:** 255632

**Project:** 80008666

**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<br>(BGA LGA 42 package) | Ratings |     | Clauses of Standard/Notice                                                                                                                                                                                                                                     | Internal         |                      | External            |
|--------------------------------|---------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------|---------------------|
|                                | kV      | °C  |                                                                                                                                                                                                                                                                | Creepage<br>(mm) | Dist<br>Thru<br>(mm) | Creep/Clear<br>(mm) |
| LTM2885wx                      | 6.5     | 105 | CSA<br>60950-1-07+A1+A2 2.10.3.3, 2.10.4.2,<br>2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2<br>62368-1-14 5.4.3, 5.4.2, 5.4.4.4, 5.4.7,<br>5.4.1.5.3, 4.5.8, 5.4.9.1, 4.1.2<br>60601-1:14 8.5.5.1, 8.8.2, 8.8.3x1.6, 8.9.3.2,<br>8.9.3.4, 8.9.1.15, 8.9.1.7<br>IEC | -                | -                    | 14.4                |

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| Device<br>(BGA LGA 42 package) | Ratings |    | Clauses of Standard/Notice                                                                                                                                                                                                                                                                                                                  | Internal         |                      | External            |
|--------------------------------|---------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------|---------------------|
|                                | kV      | °C |                                                                                                                                                                                                                                                                                                                                             | Creepage<br>(mm) | Dist<br>Thru<br>(mm) | Creep/Clear<br>(mm) |
|                                |         |    | 60950-1 2nd Ed.,+A1+A2 2.10.3.3,<br>2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2<br>62368-1-14 5.4.3, 5.4.2, 5.4.4.4, 5.4.7,<br>5.4.1.5.3, 4.5.8, 5.4.9.1, 4.1.2<br>60601-1 Ed.3+A1 8.5.5.1, 8.8.2,<br>8.8.3x1.6, 8.9.3.2, 8.9.3.4, 8.9.1.15, 8.9.1.7<br><br>UL<br>UL 1577-2015 Standard for Optical<br>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 2<sup>nd</sup> 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 2<sup>nd</sup> 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. For CSA 60601-1:14 and IEC60601-1 Ed.3+A1 for 2MOPP for 250Vrms, the devices meet clauses 8.5.5.1, 8.8.2, 8.8.3x1.6, 8.9.3.2, 8.9.3.4, 8.9.1.15, 8.9.1.7. The risk management process is not applicable to these clauses.
6. Case material: CTI=600V, erosion depth 0.028mm, meets material group I.
7. 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 2 <sup>nd</sup> 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                     |



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Clauses 8.5.5.1, 8.8.2, 8.8.3x1.6, 8.9.3.2, 8.9.3.4, 8.9.1.15, 8.9.1.7  
of

CAN/CSA C22.2 60601-1:14 - Medical Electrical Equipment Part 1: General requirements for basic safety  
and general performance (Adopted IEC60601-1:2005 Edition 3.0  
+Amendment 1, 2012-07, MOD)

and  
IEC 60601-1:2005 Ed 3.0+A1 - Medical Electrical Equipment Part 1: General requirements for basic safety  
and general performance

ANSI/UL 1577-2015 - Standard for Optical Isolators



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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| <b>Project</b> | <b>Date</b> | <b>Description</b>            |
|----------------|-------------|-------------------------------|
| 80008666       | 2019-11-29  | Original Component Acceptance |