



# Certificate of Compliance

**Certificate:** 80008669

**Master Contract:** 255632

**Project:** 80153427

**Date Issued:** 2023-01-23

**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

**PRODUCTS**

CLASS - C907330 - ELECTRONIC COMPONENTS Optoisolators and non-optical 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 44 package) | Ratings |     | Clauses of Standard/Notice  | Internal         |                      | External            |
|--------------------------------|---------|-----|---|------------------|----------------------|---------------------|
|                                | kV      | °C  |   | Creepage<br>(mm) | Dist<br>Thru<br>(mm) | Creep/Clear<br>(mm) |
| LTM2884wx                      | 3.0     | 105 | CSA<br>62368-1:19+UPD1 5.4.3, 5.4.2, 5.4.4.4,<br>5.4.7, 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><br>IEC<br>62368-1:2018 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 | -                | -                    | 9.3                 |



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|                                |         |    | 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 300Vrms for CSA 62368-1:19+UPD1 and IEC 62368-1:2018. (pollution degree 2, material group III)
4. These devices meet reinforced insulation requirements for 150Vrms for CSA 62368-1:19+UPD1 and IEC 62368-1:2018. (pollution degree 2, material group III)
5. For CSA 60601-1:14 and IEC60601-1 Ed.3+A1 for 1MOPP for 583Vrms, 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. Additionally, these devices meet 2 MOPP for 150Vrms for protection from secondary circuits. 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. 62368-1:19, UPD1:2021 - Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2018, MOD)

IEC 62368-1:2018 Ed. 3 - Audio/video, information and communication technology equipment - Part 1: Safety requirements

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  
IEC60601-1:2005 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



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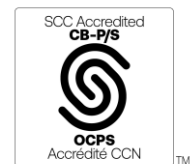
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Notes:

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Products certified under Class C907330 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)





## *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>  |
|----------------|-------------|---|
| 80153427       | 2023-01-23  | Addition of evaluation for secondary circuit isolation  |
| 80134822       | 2022-09-28  | Update Report 80008669 Model LTM2884IY (BGA42 package) to correct working voltages and update to latest standards |
| 80008669       | 2019-12-03  | Original Component Acceptance   |