

Certificate of Compliance

Certificate: 1162301 Master Contract: 179606

Project: 80187761 **Date Issued:** 01/03/2024

Issued to: (ON Semiconductor) Fairchild Semiconductor Pte. Ltd.

10 Ang Mo Kio Street 65 #03-06/08

Singapore, North East 569059

Singapore

Attention: TeckBee Chua

The products listed below are eligible to bear the CSA Mark shown with adjacent indicator "Triangle symbol"



Issued by:

Martin Buchanan, P. Eng.

PRODUCTS

C907330 ELECTRONIC COMPONENTS - Optoisolators and non-optical isolating devices

Component Acceptance of full-pitch, mini-flat package optoisolators

Models

FODM452, FODM453, FODM611, FODM8061, FODM8071



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Device	Rating		Applicable Standards/Notices	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
FODM452	3.75	85	CSA	-	> 0.4	> 5.2
FODM453		85	62368-1:19, UPD1:2021 5.4.3,			
FODM611		85	5.4.2, 5.4.4.4, 5.4.7, 5.4.8, 5.4.1.5.3, 5.4.9.1, 5.4.1.4			
FODM8061		110				
FODM8071		110	IEC			
			62368-1:2018 Ed. 3 5.4.3, 5.4.2,			
			5.4.4.4, 5.4.7, 5.4.8, 5.4.1.5.3, 5.4.9.1, 5.4.1.4			
			EN			
			62368-1:2020+A11:2020 5.4.3,			
			5.4.2, 5.4.4.4, 5.4.7, 5.4.8,			
			5.4.1.5.3, 5.4.9.1, 5.4.1.4			

Notes:

- 1. Reinforced insulation requirements have been met for 250Vrms.
- 2. Evaluated by thermal cycling and other tests.
- 3. The creepage and clearance has been evaluated for altitudes \leq 2000m, in pollution degree 2 and overvoltage category II except where specified above. (pollution degree 2, material group III).

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

APPLICABLE REQUIREMENTS

IEC 62368-1:2018 - Audio/video, information and communication technology equipment - Part 1: Safety requirements - Edition 3.0

CSA C22.2 No. 62368-1:19+Upd.1 (Third Edition) - Audio/video, information and communication technology equipment — Part 1: Safety requirements - Third Edition; Update No. 1: October 2021

EN 62368-1: 2020/A11:2020 - Audio/video, information and communication technology equipment - Part 1: Safety requirements - Incorporates Amendment A11: 2020



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Notes:

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



TM



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

Project	Date	Description
80187761	January 03, 2024	Update to 1162301 to change Dow to Dupont, change Toshiba to Kyocera and delete KE-95K
80154645	February 23, 2023	Update Report 1162301 to comply with Notice Audio and Video Equipment No. 27 and Inform 3A and 4, N16-064, I21-045, and I19-133
2323958	September 07, 2010	Addition of FODM611, FODM8061, FODM8071 and and deletion of FODM3010, FODM3011, FODM3012, FODM3021, FODM3022, FODM3023, FODM3051, FODM3052, FODM3053, HMA121#, HMA124#, HMA2701# and HMAA2705#.
2299968	April 21, 2010	Update to latest standards
1517725	March 10, 2004	Addition of models FODM452 and FODM453.
1479646	December 22, 2003	Addition of models FODM3010, FODM3011, FODM3012, FODM3021, FODM3022, FODM3023, FODM3051, FODM3052 and FODM3053 and addition of CSA standard 60065-03 and EN60065:2002.
1303209	April 29, 2002	Update to Report 1162301 to add alternative leadframe for HMAA2705#.
1162301	May 24, 2001	Original Component Acceptance