CERTIFICATE OF COMPLIANCE

Certificate Number	UL-US-L181974-14-32205102-2
Report Reference	E181974-20150223
Date	8-Mar-2022
Issued to:	Texas Instruments Incorporated 12500 TI BLVD DALLAS, TX 75243 United States
This is to certify that representative samples of	FPPT2 - Nonoptical Isolating Devices - Component See Addendum Page for Product Designation(s).
	Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.
Standard(s) for Safety:	UL 1577, 5th Ed, Issue Date: 2014-04-25, Revision Date: 2019-06-11
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L181974-14-32205102-2
Report Reference E181974-20150223
Date 8-Mar-2022

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
ISO1042*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISO1044*	Single protected non-optical isolators providing 3000 Vac isolation,
ISO1211*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO1211S*	Single protected non-optical isolators providing 3000 Vac isolation
ISO1212*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO1212S*	Single protected non-optical isolators providing 3000 Vac isolation
ISO1410*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISO1412*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISO1430*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISO1432*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISO1450*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISO1452*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISO1500*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO1640 (16DW Pkg), May be followed by any suffix.	Single protection non-optical isolators at 5000 Vac isolation voltage
ISO1640 (8D pkg)*	Single protected non-optical isolators providing 3000 Vac isolation,
ISO1641 (16DW Pkg), May be followed by any suffix.	Single protection non-optical isolators at 5000 Vac isolation voltage
ISO1641 (8D pkg)*	Single protected non-optical isolators providing 3000 Vac isolation,
ISO1642 (16DW Pkg), May be followed by any suffix.	Single protection non-optical isolators at 5000 Vac isolation voltage
ISO1643 (16DW Pkg), May be followed by any suffix.	Single protection non-optical isolators at 5000 Vac isolation voltage

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ISO1644 (16DW Pkg), May be followed by any suffix.	Single protection non-optical isolators at 5000 Vac isolation voltage
ISO5451*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO5452*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO5851*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO5852S*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO6720 (8D pkg)*	Single protected non-optical isolators providing 3000 Vac isolation,
ISO6720 (8DWV pkg)*	Single protected non-optical isolators providing 5000 Vac isolation,
ISO6721 (8D pkg)*	Single protected non-optical isolators providing 3000 Vac isolation,
ISO6721 (8DWV pkg)*	Single protected non-optical isolators providing 5000 Vac isolation,
ISO6721R (8D Pkg), May be followed by any suffix.	Single protection non-optical isolators at 3000 Vac isolation voltage
ISO6731*	Single protected non-optical isolators providing 5000 Vac isolation,
ISO6740*	Single protected non-optical isolators providing 5000 Vac isolation,
ISO6741*	Single protected non-optical isolators providing 5000 Vac isolation,
ISO6742*	Single protected non-optical isolators providing 5000 Vac isolation,
ISO6760 (16DW Pkg), May be followed by any suffix.	Single protection non-optical isolators at 5000 Vac isolation voltage
ISO6761 (16DW Pkg), May be followed by any suffix.	Single protection non-optical isolators at 5000 Vac isolation voltage
ISO6762 (16DW Pkg), May be followed by any suffix.	Single protection non-optical isolators at 5000 Vac isolation voltage
ISO6763 (16DW Pkg), May be followed by any suffix.	Single protection non-optical isolators at 5000 Vac isolation voltage
ISO7021*	Single protected non-optical isolators providing 3000 Vac isolation,
ISO7041*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO7310*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO7320*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO7321*	Single protection, non-optical isolators at 3000 Vac isolation voltage

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Date 8-Mar-2022

ISO7330*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO7331*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO7340*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO7341*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO7342*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO7710 (8DWV pkg)*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7710*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7720 (8DWV pkg)*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7720*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7721 (8DWV pkg)*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7721*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7721FS*	Single protected non-optical isolators providing 3000 Vac isolation
ISO7730*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO7731*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7740*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7741*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7741E-Q1*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7741FS*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO7742*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7742FS*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO7760 (16DBQ pkg)*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO7760 (16DW pkg)*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7761 (16DBQ pkg)*	Single protection, non-optical isolators at 3000 Vac isolation voltage

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Certificate Number UL-US-L181974-14-32205102-2
Report Reference E181974-20150223
Date 8-Mar-2022

ISO7761 (16DW pkg)*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7762 (16DBQ pkg)*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO7762 (16DW pkg)*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7763 (16DBQ pkg)*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO7763 (16DW pkg)*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7810*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7820*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7820LL*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7821*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7821LL*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7821LLS*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7830*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7831*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7840*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7841*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISO7842*	Single protection, non-optical isolators at 5700 Vac isolation voltage
ISOS141 (16DBQ Pkg), May be followed by any suffix.	Single protection non-optical isolators at 3000 Vac isolation voltage
ISOUSB111 (16DW Pkg), May be followed by any suffix.	Single protection non-optical isolators at 5700 Vac isolation voltage
ISOUSB111B (16DW Pkg), May be followed by any suffix.	Single protection non-optical isolators at 3000 Vac isolation voltage
ISOUSB211 (28DP Pkg), May be followed by any suffix.	Single protection non-optical isolators at 5700 Vac isolation voltage
ISOUSB211B (28DP Pkg), May be followed by any suffix.	Single protection non-optical isolators at 3000 Vac isolation voltage
ISOW1044 (20-DFM PKG), May be followed by any suffix.	Single protection non-optical isolators at 5000 Vac isolation voltage
ISOW1412*	Single protected non-optical isolators providing 5000 Vac isolation

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ISOW1432 (20-DFM PKG), May be followed by any suffix.	Single protection non-optical isolators at 5000 Vac isolation voltage
ISOW7740*	Single protected non-optical isolators providing 5000 Vac isolation
ISOW7741*	Single protected non-optical isolators providing 5000 Vac isolation
ISOW7742*	Single protected non-optical isolators providing 5000 Vac isolation
ISOW7743*	Single protected non-optical isolators providing 5000 Vac isolation
ISOW7744*	Single protected non-optical isolators providing 5000 Vac isolation
ISOW7820*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISOW7821*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISOW7822*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISOW7840*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISOW7841*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISOW7842*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISOW7843*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISOW7844*	Single protection, non-optical isolators at 5000 Vac isolation voltage
SN003021 (8D pkg)*	Single protection, non-optical isolators at 3000 Vac isolation voltage
SN005721*	Single protection, non-optical isolators at 5700 Vac isolation voltage
SN1506011*	Single protection, non-optical isolators at 5700 Vac isolation voltage

Bruce Mahrenholz, Director North American Certification Program

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number	UL-CA-L181974-24-32205102-1
Report Reference	E181974-20150223
Date	8-Mar-2022
Issued to:	Texas Instruments Incorporated 12500 TI BLVD DALLAS, TX 75243 United States
This is to certify that representative samples of	FPPT8 - Nonoptical Isolating Devices Certified for Canada - Component See Addendum Page for Product Designation(s).
	Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.
Standard(s) for Safety:	CSA Component Acceptance Service Notice No. 5A, Issue Date: 1998-01-23
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information

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Look for the UL Recognized Component Mark on the product.

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CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L181974-24-32205102-1
Report Reference E181974-20150223
Date 8-Mar-2022

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
ISO1042*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISO1044*	Single protected non-optical isolators providing 3000 Vac isolation,
ISO1410*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISO1412*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISO1430*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISO1432*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISO1450*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISO1452*	Single protection, non-optical isolators at 5000 Vac isolation voltage
ISO1500*	Single protection, non-optical isolators at 3000 Vac isolation voltage
ISO1640 (8D pkg)*	Single protected non-optical isolators providing 3000 Vac isolation,
ISO1641 (8D pkg)*	Single protected non-optical isolators providing 3000 Vac isolation,
ISO6720 (8D pkg)*	Single protected non-optical isolators providing 3000 Vac isolation,
ISO6720 (8DWV pkg)*	Single protected non-optical isolators providing 5000 Vac isolation,
ISO6721 (8D pkg)*	Single protected non-optical isolators providing 3000 Vac isolation,
ISO6721 (8DWV pkg)*	Single protected non-optical isolators providing 5000 Vac isolation,
ISO6731*	Single protected non-optical isolators providing 5000 Vac isolation,
ISO6740*	Single protected non-optical isolators providing 5000 Vac isolation,
ISO6741*	Single protected non-optical isolators providing 5000 Vac isolation,
ISO6742*	Single protected non-optical isolators providing 5000 Vac isolation,

Bruce Mahrenholz, Director North American Certification Program

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L181974-24-32205102-1
Report Reference E181974-20150223
Date 8-Mar-2022

ISO7021*	Single protected non-optical isolators providing 3000 Vac isolation,
ISO7041*	Single protection, non-optical isolators at 3000 Vac isolation voltage

Bruce Mahrenholz, Director North American Certification Program

UL LLC

File E181974
Project 4786649330

Issued: February 23, 2015
Revised: June 20, 2019

REPORT

On

COMPONENT - Nonoptical Isolating Devices

* Texas Instruments **Incorporated**
* **Dallas, TX**

DESCRIPTION

PRODUCTs COVERED:

USR – Single Protection, Non-Optical Isolator, Models ISO1211, ISO1211S, ISO1212, ISO1212S, **ISO1640**, **ISO1641**, **ISO1642**, **ISO1643**, **ISO1644**, ISO5451, ISO5452, ISO5851, ISO5852S, **ISO6721R**, **ISO6760**, **ISO6761**, **ISO6762**, **ISO6763**, ISO7310, ISO7320, ISO7321, ISO7330, ISO7331, ISO7340, ISO7341, ISO7342, ISO7710, ISO7720, ISO7721, ISO7721FS, ISO7730, ISO7731, ISO7740, ISO7741, ISO7741E-Q1, ISO7741FS, ISO7742, ISO7742FS, ISO7760, ISO7761, ISO7762, ISO7763, ISO7810, ISO7820, ISO7820LL, ISO7821, ISO7821LL, ISO7821LLS, ISO7830, ISO7831, ISO7840, ISO7841, ISO7842, **ISOS141**, **ISOUSB111**, **ISOUSB111B**, **ISOUSB211**, **ISOUSB211B**, **ISOW1044**, ISOW1412, **ISOW1432**, ISOW7740, ISOW7741, ISOW7742, ISOW7743, ISOW7744, ISOW7820, ISOW7821, ISOW7822, ISOW7840, ISOW7841, ISOW7842, ISOW7843, ISOW7844, SN003021, SN005721, SN1506011. May be followed by any suffix.

USR/CNR – Single Protection, Non-Optical Isolator, Models ISO1042, ISO1044, ISO1410, ISO1412, ISO1430, ISO1432, ISO1450, ISO1452, ISO1500, ISO1640 (8D pkg), ISO1641 (8D pkg), ISO6720 (8D pkg), ISO6720 (8DWV pkg), ISO6721 (8D pkg), ISO6721 (8DWV pkg), ISO6731, ISO6740, ISO6741, ISO6742, ISO7021, ISO7041. May be followed by any suffix.

MAXIMUM RATINGS PER CHANNEL (at 25°C ambient) ($):

Model	Current (mA)		Power (mW)		Isolation Voltage at 60 sec Vrms	Max Operating Ambient Temp (°C)	Max Junction Temp (°C)	Max Storage Temp (°C)	Max Data Rate (Mbps)
	Transmitter	Receiver	Transmitter	Receiver					
ISO1042 (8DWV & 16DW pkgs)	3.5	73.4	25	360	5000	125	150	150	5
ISO1044	2.8	24	15	131	3000	125	150	150	5
ISO1211	2	7	20	430	3000	125	150	150	4
ISO1211S (8D pkg)	2	7	20	430	3000	125	150	150	4
ISO1212	2	7	20	430	3000	125	150	150	4
ISO1212S (16DBQ pkg)	2	7	20	430	3000	125	150	150	4
ISO1410 (16DW pkg)	5.1	160	28	528	5000	125	150	150	0.5
ISO1412 (16DW pkg)	5.1	160	28	528	5000	125	150	150	0.5
ISO1430 (16DW pkg)	6	122	33	319	5000	125	150	150	12
ISO1432 (16DW pkg)	6	122	33	319	5000	125	150	150	12
ISO1450 (16DW pkg)	8.9	162	49	539	5000	125	150	150	50
ISO1452 (16DW pkg)	8.9	162	49	539	5000	125	150	150	50
ISO1500 (16DBQ pkg)	5.2	80	28	200	3000	125	150	150	1
ISO1640 (8D Pkg)	3.3	3	18	16	3000	125	150	150	3.4
ISO1640 (16DW Pkg)	**4.0**	**4.9**	**21.5**	**26.5**	**5000**	**125**	**150**	**150**	**3.4**
ISO1641 (8D Pkg)	2.8	2.6	15	14	3000	125	150	150	3.4
*									

Model	Current (mA)		Power (mW)		Isolation Voltage at 60 sec Vrms	Max Operating Ambient Temp (°C)	Max Junction Temp (°C)	Max Storage Temp (°C)	Max Data Rate (Mbps)
	Transmitter	Receiver	Transmitter	Receiver					
ISO1641 (16DW Pkg)	**3.7**	**4.3**	**20**	**23.5**	**5000**	**125**	**150**	**150**	**3.4**
ISO1642 (16DW Pkg)	**3.8**	**4.7**	**20.75**	**25.5**	**5000**	**125**	**150**	**150**	**50**
ISO1643 (16DW Pkg)	**3.1**	**5.4**	**16.75**	**29.5**	**5000**	**125**	**150**	**150**	**50**
ISO1644 (16DW Pkg)	**3.2**	**4.5**	**17.6**	**24.4**	**5000**	**125**	**150**	**150**	**50**
ISO5451	**32**	**36**	**175**	**1080**	**5700**	**125**	**150**	**150**	**2**
ISO5452	**32**	**36**	**175**	**1080**	**5700**	**125**	**150**	**150**	**2**
ISO5851	**32**	**36**	**175**	**1080**	**5700**	**125**	**150**	**150**	**2**
ISO5852S	**32**	**36**	**175**	**1080**	**5700**	**125**	**150**	**150**	**2**
ISO6720 (8D Pkg)	1.9	4.8	10	26	3000	125	150	150	50
ISO6720 (8DWV Pkg)	1.9	4.8	10	26	5000	125	150	150	50
ISO6721 (8D Pkg)	3.5	3.5	19	19	3000	125	150	150	50
ISO6721 (8DWV Pkg)	3.5	3.5	19	19	5000	125	150	150	50
ISO6731	3.1	5.3	17	29	5000	125	150	150	50
ISO6740	1.7	4.6	9	25	5000	125	150	150	50
ISO6741	2.4	4	13	22	5000	125	150	150	50
ISO6742	3.3	3.3	18	18	5000	125	150	150	50
ISO6721R (8D Pkg)	**4.0**	**4.0**	**21.5**	**21.5**	**3000**	**125**	**150**	**150**	**50**
ISO6760 (16DW Pkg)	**1.4**	**4.5**	**7.5**	**24.5**	**5000**	**125**	**150**	**150**	**50**
ISO6761 (16DW Pkg)	**2.0**	**4.1**	**10.5**	**22.4**	**5000**	**125**	**150**	**150**	**50**
ISO6762 (16DW Pkg)	**2.5**	**3.6**	**13.5**	**19.4**	**5000**	**125**	**150**	**150**	**50**
ISO6763 (16DW Pkg)	**3.0**	**3.0**	**16.4**	**16.4**	**5000**	**125**	**150**	**150**	**50**
ISO7021	0.39	0.39	2.1	2.1	3000	125	150	150	4
ISO7041 (16DBQ pkg)	0.4	0.2	2.7	1.8	3000	125	150	150	2
ISO7310	1.3	4.2	7.2	23.1	3000	125	150	150	25
ISO7320	3	8	16.5	44	3000	125	150	150	25
ISO7321	6.5	6.5	35.8	35.8	3000	125	150	150	25
ISO7330	4	10	22	55	3000	125	150	150	25

*Model	Current (mA)		Power (mW)		Isolation Voltage at 60 sec Vrms	Max Operating Ambient Temp (°C)	Max Junction Temp (°C)	Max Storage Temp (°C)	Max Data Rate (Mbps)
	Transmitter	Receiver	Transmitter	Receiver					
ISO7331	**6.5**	**9**	**35.8**	**49.5**	**3000**	**125**	**150**	**150**	**25**
ISO7340	**5**	**13**	**27.5**	**71.5**	**3000**	**125**	**150**	**150**	**25**
ISO7341	**7**	**11**	**38.5**	**60.5**	**3000**	**125**	**150**	**150**	**25**
ISO7342	**5.6**	**9**	**30.8**	**49.5**	**3000**	**125**	**150**	**150**	**25**
ISO7710 (8D pkg)	**3**	**8**	**16.5**	**44**	**3000**	**125**	**150**	**150**	**100**
ISO7710 (8DWV & 16DW pkgs)	3	8	16.5	44	5700	125	150	150	100
ISO7720 (8D pkg)	1.6	7	10	40	3000	125	150	150	100
ISO7720 (8DWV & 16DW pkgs)	1.6	7	10	40	5700	125	150	150	100
ISO7721 (8D pkg)	4.5	4.5	25	25	3000	125	150	150	100
ISO7721 (8DWV & 16DW pkgs)	4.5	4.5	25	25	5700	125	150	150	100
ISO7721FS (8D pkg)	4.5	4.5	25	25	3000	125	150	150	100
ISO7730 (16DBQ pkg)	6	23	33	126.5	3000	125	150	150	100
ISO7730 (16DW pkg)	6	23	33	126.5	5700	125	150	150	100
ISO7731 (16DBQ pkg)	12	17	66	93.5	3000	125	150	150	100
ISO7731 (16DW pkg)	12	17	66	93.5	5700	125	150	150	100
ISO7740 (16DBQ pkg)	7	31	38.5	170.5	3000	125	150	150	100
ISO7740 (16DW pkg)	7	31	38.5	170.5	5700	125	150	150	100
ISO7741 (16DBQ pkg)	13	25	71.5	137.5	3000	125	150	150	100
ISO7741 (16DW pkg)	13	25	71.5	137.5	5700	125	150	150	100
ISO7741 (16DWW pkg)	13	25	71.5	137.5	5700	125	150	150	100
ISO7741E-Q1 (16DW pkg)	13	25	71.5	137.5	5700	150	175	150	100
ISO7741FS (16DBQ pkg)	13	25	71.5	137.5	3000	125	150	150	100
ISO7742 (16DBQ pkg)	18	18	99	99	3000	125	150	150	100
ISO7742 (16DW pkg)	18	18	99	99	5700	125	150	150	100
ISO7742FS (16DBQ pkg)	18	18	99	99	3000	125	150	150	100
ISO7760 (16DBQ pkg)	1.5	7.4	8.4	40.4	3000	125	150	150	100
ISO7760 (16DW pkg)	1.5	7.4	8.4	40.4	5700	125	150	150	100
ISO7761 (16DBQ pkg)	2.5	6.4	13.9	34.9	3000	125	150	150	100
ISO7762 (16DBQ pkg)	3.5	5.4	19.4	29.4	3000	125	150	150	100

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Model	Current (mA)		Power (mW)		Isolation Voltage at 60 sec Vrms	Max Operating Ambient Temp (°C)	Max Junction Temp (°C)	Max Storage Temp (°C)	Max Data Rate (Mbps)
	Transmitter	Receiver	Transmitter	Receiver					
ISO7763 (16DBQ pkg)	4.5	4.5	24.4	24.4	3000	125	150	150	100
ISO7760 (16DW pkg)	1.5	7.4	8.4	40.4	5700	125	150	150	100
ISO7761 (16DW pkg)	2.5	6.4	13.9	34.9	5700	125	150	150	100
ISO7762 (16DW pkg)	3.5	5.4	19.4	29.4	5700	125	150	150	100
ISO7763 (16DW pkg)	4.5	4.5	24.4	24.4	5700	125	150	150	100
ISO7810	3	8	16.5	44	5700	125	150	150	100
ISO7820	4	16	22	88	5700	125	150	150	100
ISO7820LL	8.2	21	45.1	115.5	5700	125	150	150	100
ISO7821	11	11	60.5	60.5	5700	125	150	150	100
ISO7821LL	14.1	14.1	77.6	77.6	5700	125	150	150	100
ISO7821LLS	16.4	16.4	90.2	90.2	5700	125	150	150	150
ISO7830	6	23	33	126.5	5700	125	150	150	100
ISO7831	12	17	66	93.5	5700	125	150	150	100
ISO7840	7	31	38.5	170.5	5700	125	150	150	100
ISO7841	13	25	71.5	137.5	5700	125	150	150	100
ISO7842	18	18	99	99	5700	125	150	150	100
ISOS141 (16DBQ Pkg)	**3.5**	**5.7**	**18.8**	**31.3**	**3000**	**125**	**150**	**150**	**100**
ISOUSB111 (16DW Pkg)	**15**	**15**	**82.5**	**82.5**	**5700**	**125**	**150**	**150**	**12**
ISOUSB111B (16DW Pkg)	**15**	**15**	**82.5**	**82.5**	**3000**	**125**	**150**	**150**	**12**
ISOUSB211 (28DP Pkg)	**112**	**112**	**616**	**616**	**5700**	**125**	**150**	**150**	**480**
ISOUSB211B (28DP Pkg)	**112**	**112**	**616**	**616**	**3000**	**125**	**150**	**150**	**480**
ISOW1044 (20-DFM PKG)	**90**	**104**	**490**	**570**	**5000**	**125**	**150**	**150**	**10**
ISOW1412	90	104	490	570	5000	**125**	150	150	10
ISOW1432 (20-DFM PKG)	**93**	**111**	**510**	**610**	**5000**	**125**	**150**	**150**	**12**
ISOW7740	135	135	740	740	5000	125	150	150	100
ISOW7741	135	135	740	740	5000	125	150	150	100
ISOW7742	135	135	740	740	5000	125	150	150	100
ISOW7743	135	135	740	740	5000	125	150	150	100
ISOW7744	135	135	740	740	5000	125	150	150	100
ISOW7820	160	60	275	275	5000	125	150	150	100
ISOW7821	160	60	275	275	5000	125	150	150	100
ISOW7822	160	60	275	275	5000	125	150	150	100
ISOW7840	80	30	137.5	137.5	5000	125	150	150	100
ISOW7841	80	30	137.5	137.5	5000	125	150	150	100
ISOW7842	80	30	137.5	137.5	5000	125	150	150	100
*									

Model	Current (mA)		Power (mW)		Isolation Voltage at 60 sec Vrms	Max Operating Ambient Temp (°C)	Max Junction Temp (°C)	Max Storage Temp (°C)	Max Data Rate (Mbps)
	Transmitter	Receiver	Transmitter	Receiver					
ISOW7843	80	30	137.5	137.5	5000	125	150	150	100
ISOW7844	80	30	137.5	137.5	5000	125	150	150	100
SN003021 (8D pkg)	4.5	4.5	25	25	3000	125	150	150	100
SN005721	5.5	5.5	30.3	30.3	5700	125	150	150	100
SN1506011	12	17	66	93.5	5700	125	150	150	100

($) - For ambient temperatures higher than 25°C and up to Tmoa, refer to manufacturer's specifications and/or thermal derating curve data for complete electrical ratings.

GENERAL:

These non-optical isolator devices consist of a transmitter coupled to a receiver. The transmitter and receiver are separated by an insulating barrier of Silicone dioxide. Internal chips are connected to lead frames that are molded into the enclosure.

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Use - For use only in products where the acceptability of the combination is determined by UL LLC.

USR indicates this product was investigated under the UL Standard for Safety for Optical Isolators, UL 1577, Fifth **Edition, revised June 11, 2019.**

CNR indicates this product was investigated under the Canadian Certification Notice, CSA Component Acceptance Service No. 5A, dated January 23, 1998.

Conditions of Acceptability - Each device shall be reviewed with respect to the following conditions of acceptability:

1. The capability of the device to control a load has not been investigated.

2. These devices should be installed in a suitable end product enclosure.

3. The maximum junction temperature shall not be exceeded.

4. For single protection devices, the insulation to the case has not been evaluated. For double protection devices, the insulation to the case has been evaluated to the isolation voltage specified in the ratings table.

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