CERTIFICATE OF COMPLIANCE

Certificate Number	20140113-E181974
Report Reference	E181974-20050919
Issue Date	2014-JANUARY-13

Issued to: TEXAS INSTRUMENTS TUCSON CORP
5411 E WILLIAMS BLVD
TUCSON AZ 85711

This is to certify that representative samples of

COMPONENT - NONOPTICAL ISOLATING DEVICES

Single Protection Non-Optical Isolators, Model ISO721, ISO721M, ISO721Q, ISO722, ISO722M and ISO722Q may be followed by additional letters and/or numbers.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 1577, Standard for Optical Isolators

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Recognized Component Mark should be considered as being covered by UL's Recognition and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.

William R. Carney, Director, North American Certification Programs

UL LLC

File E181974
Project 05CA31300

September 19, 2005

REPORT

on

COMPONENT - NON - OPTICAL ISOLATING DEVICES

Texas Instruments Tuscon Corp.
Tucson, Arizona

DESCRIPTION

PRODUCT COVERED:

USR – Single Protection Non-Optical Isolators, Model ISO721, ISO721M, **ISO721Q,** ISO722, ISO722M, **and ISO722Q** may be followed by additional letters and/or numbers.

Obsolete Product (Retained for reference only): ISO7230A, ISO7230C, ISO7230M, ISO7231A, ISO7231C, ISO7231M, ISO7240A, ISO7240C, ISO7240CF, ISO7240M, ISO7241A, ISO7241C, ISO7241M, ISO7242A, ISO7242C, ISO7242M

ELECTRICAL RATINGS (at nominal operating temperature):

Model	Current (mA)		Power (mW)		Isolation Voltage	Max Operating Temp(°C)	Max Junction/ Storage Temp(°C)	Data Transmission
	Encoder	Decoder	Encoder	Decoder				
***ISO721, ISO721Q**	10	25	55	137.5	2500 Vac 4000 Vdc	125	150	100 Mbps
ISO721M	10	25	55	137.5	2500 Vac 4000 Vdc	125	150	150 Mbps
***ISO722, ISO722Q**	10	25	55	137.5	2500 Vac 4000 Vdc	125	150	100 Mbps
ISO722M	10	25	55	137.5	2500 Vac 4000 Vdc	125	150	150 Mbps

ENGINEERING CONSIDERATIONS: (Not For Field Representative)

Use - For use only in complete equipment where the acceptability of the combination is determined by Underwriters Laboratories, Inc.

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 temperature on the case should not exceed the maximum operating temperature rating specified in the ratings table.

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.

5. Double protection devices are only for use in 125 – 250 V, 50 or 60 Hz circuits in audio, video, and similar equipment in applications in which breakdown of the optical isolator may result in a risk of fire, electrical shock, or injury to persons.

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