

PCN Number:	20230906011.0	PCN Date:	September 11, 2023
Title:	Datasheet for ISO773x-Q1		
Customer Contact:	Change Management team	Dept:	Quality Services
Change Type:	Electrical Specification		

PCN Details

Description of Change:

Texas Instruments Incorporated is announcing an information only notification. The product datasheet(s) is being updated as summarized below. The following change history provides further details.



ISO7730-Q1, ISO7731-Q1

SLLSEU3E – NOVEMBER 2016 – REVISED AUGUST 2023

Changes from Revision D (October 2020) to Revision E (August 2023)	Page
• Changed standard name from: "DIN V VDE V 0884-11:2017-01" to: "DIN EN IEC 60747-17 (VDE 0884-17)" throughout the document.....	1
• Removed standard revision and year references from all standard names throughout the document	1
• Updated Thermal Characteristics, Safety Limiting Values, and Thermal Derating Curves to provide more accurate system-level thermal calculations.....	8
• Updated electrical and switching characteristics to match device performance.....	11
• Changed working voltage lifetime margin from: 87.5% to: 50%, minimum required insulation lifetime from: 37.5 years to: 30 years and insulation lifetime per TDDb from: 135 years to: 169 years per DIN EN IEC 60747-17 (VDE 0884-17).....	27
• Changed Figure 9-8 per DIN EN IEC 60747-17 (VDE 0884-17).....	27

The datasheet number will be changing.

Device Family	Change From:	Change To:
ISO773x-Q1	SLLSEU3D	SLLSEU3E

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/ISO7730-Q1>

Reason for Change:

To accurately reflect device characteristics.

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

No anticipated impact. This is a specification change announcement only. There are no changes to the actual device

Changes to product identification resulting from this PCN:

None.

Product Affected:

ISO7730FQDBQQ1	ISO7730QDBQQ1	ISO7731FQDBQQ1	ISO7731QDBQQ1	
ISO7730FQDBQRQ1	ISO7730QDBQRQ1	ISO7731FQDBQRQ1	ISO7731QDBQRQ1	
ISO7730FQDWQ1	ISO7730QDWQ1	ISO7731FQDWQ1	ISO7731QDWQ1	
ISO7730FQDWRQ1	ISO7730QDWRQ1	ISO7731FQDWRQ1	ISO7731QDWRQ1	

For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.

IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES “AS IS” AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disdains responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI's Terms of Sale (www.ti.com/legal/termsofsale.html) or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.