

PCN Number:	20230710001.0	PCN Date:	July 12, 2023
Title:	Datasheet for ISO774x-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.



ISO7740-Q1, ISO7741-Q1, ISO7742-Q1
SLLSEU0E – NOVEMBER 2016 – REVISED JULY 2023

Changes from Revision D (October 2020) to Revision E (July 2023)	Page
• Changed standard name from: "DIN 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
• Added Maximum impulse voltage (V_{IMP}) specification per DIN EN IEC 60747-17 (VDE 0884-17).....	10
• Changed test conditions and values of Maximum surge isolation voltage (V_{IOSM}) specification per DIN EN IEC 60747-17 (VDE 0884-17).....	10
• Clarified method b test conditions of Apparent charge (q_{PD}).....	10
• Removed references to standard IEC/EN/CSA 60950-1 throughout the document.....	12
• 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).....	34
• Changed Figure 10-7 per DIN EN IEC 60747-17 (VDE 0884-17).....	34

The datasheet number will be changing.

Device Family	Change From:	Change To:
ISO774x-Q1	SLLSEU0D	SLLSEU0E

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/ISO7740-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:

ISO7740FQDBQQ1	ISO7740QDWWQ1	ISO7741FQDWWQ1	ISO7741QDWWQ1	
ISO7740FQDBQRQ1	ISO7740QDWRQ1	ISO7741FQDWRQ1	ISO7741QDWRQ1	
ISO7740FQDWQ1	ISO7741FQDBQQ1	ISO7741QDBQQ1	ISO7742FQDBQQ1	
ISO7740FQDWRQ1	ISO7741FQDBQRQ1	ISO7741QDBQRQ1	ISO7742FQDBQRQ1	
ISO7740QDBQQ1	ISO7741FQDWQ1	ISO7741QDWQ1	ISO7742FQDWQ1	
ISO7740QDBQRQ1	ISO7741FQDWRQ1	ISO7741QDWRQ1	ISO7742FQDWRQ1	

ISO7742QDBQQ1	ISO7742QDBQRQ1	ISO7742QDWQ1	ISO7742QDWRQ1	
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For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.

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