

<b>PCN Number:</b>	20180927000.0	<b>PCN Date:</b>	September 28, 2018
<b>Title:</b>	Datasheet for ISO7740-Q1- ISO7742-Q1, ISO7730-Q1, ISO7731-Q1		
<b>Customer Contact:</b>	PCN Manager	<b>Dept:</b>	Quality Services
<b>Change Type:</b>			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Data Sheet
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Process

### Notification 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**  
SLLSEU0B –NOVEMBER 2016–REVISED SEPTEMBER 2018



**ISO7730-Q1, ISO7731-Q1**  
SLLSEU3B –NOVEMBER 2016–REVISED SEPTEMBER 2018

#### Changes from Revision A (May 2018) to Revision B

- Changed the DIN certification number and certification status throughout the document .....
- Changed the isolation rating of the DBQ package from 2500 V<sub>RMS</sub> to 3000 V<sub>RMS</sub> .....
- Moved the HBM and CDM values from the *Features* section to the *ESD Ratings* table .....
- Added V<sub>TEST</sub> to the conditions for the maximum transient isolation voltage parameter in the *Insulation Specifications* table .....
- Changed the value for the DBQ package from 3600 V<sub>PK</sub> to 4242 V<sub>PK</sub> throughout the document.....
- Changed the method b1 V<sub>ini</sub> condition for apparent charge in the *Insulation Specifications* table .....
- Switched the line colors for V<sub>CC</sub> at 2.5 V and V<sub>CC</sub> at 3.3 V .....
- Switched the labels for V<sub>CC1</sub> falling and V<sub>CC2</sub> rising in the graph legend of *Power Supply Undervoltage Threshold vs Free-Air Temperature* .....

The datasheet number will be changing.

Device Family	Change From:	Change To:
ISO7740-Q1, ISO7741-Q1, ISO7742-Q1	SLLSEU0A	SLLSEU0B
ISO7730-Q1, ISO7731-Q1	SLLSEU3A	SLLSEU3B

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/ISO7740-Q1>

<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	ISO7731FQDWQ1	ISO7740QDBQQ1	ISO7741QDWQ1
ISO7730FQDBQRQ1	ISO7731FQDWRQ1	ISO7740QDBQRQ1	ISO7741QDWRQ1
ISO7730FQDWQ1	ISO7731QDBQQ1	ISO7740QDWQ1	ISO7742FQDBQQ1

ISO7730FQDWRQ1	ISO7731QDBQRQ1	ISO7740QDWRQ1	ISO7742FQDBQRQ1
ISO7730QDBQQ1	ISO7731QDWQ1	ISO7741FQDBQQ1	ISO7742FQDWQ1
ISO7730QDBQRQ1	ISO7731QDWRQ1	ISO7741FQDBQRQ1	ISO7742FQDWRQ1
ISO7730QDWQ1	ISO7740FQDBQQ1	ISO7741FQDWQ1	ISO7742QDBQQ1
ISO7730QDWRQ1	ISO7740FQDBQRQ1	ISO7741FQDWRQ1	ISO7742QDBQRQ1
ISO7731FQDBQQ1	ISO7740FQDWQ1	ISO7741QDBQQ1	ISO7742QDWQ1
ISO7731FQDBQRQ1	ISO7740FQDWRQ1	ISO7741QDBQRQ1	ISO7742QDWRQ1

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

<b>Location</b>	<b>E-Mail</b>
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Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
Japan	<a href="mailto:PCNJapanContact@list.ti.com">PCNJapanContact@list.ti.com</a>