

<b>PCN Number:</b>	20190118000.0	<b>PCN Date:</b>	January 22, 2019
<b>Title:</b>	Datasheet for ISO7720, ISO7721		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<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.



**ISO7720, ISO7721**

SLLSEP3D – NOVEMBER 2016 – REVISED JANUARY 2019

Changes from Revision C (July 2018) to Revision D	Page
• Made editorial and cosmetic changes throughout the document.....	1
• Changed From: "Isolation Barrier Life: >40 Years" To: ">100-Year Projected Lifetime at 1.5 kV <sub>RMS</sub> Working Voltage" in <a href="#">Features</a> .....	1
• Added "Up to 5000 V <sub>RMS</sub> Isolation Rating" in <a href="#">Features</a> .....	1
• Added "Up to 12.8 kV Surge Capability" in <a href="#">Features</a> .....	1
• Added "±8 kV IEC 61000-4-2 Contact Discharge Protection across Isolation Barrier" in <a href="#">Features</a> .....	1
• Added "Automotive Version Available: ISO772x-Q1" in <a href="#">Features</a> .....	1
• Deleted "Certification Planned" statement throughout the document.....	1
• Updated <a href="#">Applications</a> list.....	1
• Updated <a href="#">Simplified Schematic</a> to show two isolation capacitors in series per channel instead of a single isolation capacitor.....	1
• Added "Contact discharge per IEC 61000-4-2" specification of ±8000 V in <a href="#">ESD Ratings</a> table.....	5
• Changed 'Signaling' rate to 'Data' rate and added table note to <i>Data rate</i> specification in <a href="#">Recommended Operating Conditions</a> table.....	5
• Changed V <sub>IORM</sub> Value for DW-16 and DWV-8 packages From: "1414 V <sub>PK</sub> " To: "2121 V <sub>PK</sub> " in <a href="#">Insulation Specifications</a> table.....	7
• Changed V <sub>IOWM</sub> Values for DW-16 and DWV-8 packages From: "1000 V <sub>RMS</sub> " and "1414 V <sub>DC</sub> " To: "1500 V <sub>RMS</sub> " and "2121 V <sub>DC</sub> " in <a href="#">Insulation Specifications</a> table.....	7
• Added 'see <a href="#">Figure 26</a> ' to TEST CONDITIONS of V <sub>IOWM</sub> specification.....	7
• Changed V <sub>IOTM</sub> TEST CONDITIONS for 100% production test From: "V <sub>TEST</sub> = V <sub>IOTM</sub> " To: "V <sub>TEST</sub> = 1.2 x V <sub>IOTM</sub> " in <a href="#">Insulation Specifications</a> table.....	7
• Changed V <sub>IOSM</sub> TEST CONDITIONS From: "Test method per IEC 60065" To: "Test method per IEC 62368-1" in <a href="#">Insulation Specifications</a> table.....	7
• Changed q <sub>pd</sub> TEST CONDITIONS for method b1 test From: "V <sub>ini</sub> = V <sub>IOTM</sub> " To: "V <sub>ini</sub> = 1.2 x V <sub>IOTM</sub> " in <a href="#">Insulation Specifications</a> table.....	7
• Updated certification information in <a href="#">Safety-Related Certifications</a> table.....	8
• Added <a href="#">Insulation Lifetime</a> sub-section under <a href="#">Application Curve</a> section.....	24
• Added 'How to use isolation to improve ESD, EFT and Surge immunity in industrial systems' application report to <a href="#">Documentation Support</a> section.....	27

The datasheet number will be changing.

Device Family	Change From:	Change To:
ISO7720, ISO7721	SLLSEP3C	SLLSEP3D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/ISO7720>

<b>Reason for Change:</b>			
To accurately reflect device characteristics.			
<b>Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):</b>			
No anticipated impact. This is a specification change announcement only. There are no changes to the actual device.			
<b>Changes to product identification resulting from this PCN:</b>			
None.			
<b>Product Affected:</b>			
ISO7720D	ISO7720FD	ISO7721D	ISO7721FD
ISO7720DR	ISO7720FDR	ISO7721DR	ISO7721FDR
ISO7720DW	ISO7720FDW	ISO7721DW	ISO7721FDW
ISO7720DWR	ISO7720FDWR	ISO7721DWR	ISO7721FDWR
ISO7720DWV	ISO7720FDWV	ISO7721DWV	ISO7721FDWV
ISO7720DWVR	ISO7720FDWVR	ISO7721DWVR	ISO7721FDWVR

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>