

PCN Number:	20180301000	PCN Date:	March 05 , 2018
Title:	Datasheet for ISOW7840, ISOW7841 ISOW7842, ISOW7843, ISOW7844		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
<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.



**ISOW7840, ISOW7841
ISOW7842, ISOW7843, ISOW7844**

SLLSEY2D – MARCH 2017 – REVISED NOVEMBER 2017

Changes from Revision C (October 2017) to Revision D

Page

• Changed the ISOW7840 device from <i>Preview</i> to <i>Production Data</i>	1
• Added the ISOW7840 current parameters to each <i>Supply Current Characteristics</i> table	11
• Changed I _{ISO} to I _{LOAD} and the value of wave clock input from 0.5, 5, and 50 MHz to 1, 10, and 100 Mbps in the test conditions for the ISOW7841 current parameters in each <i>Supply Current Characteristics</i> table	11
• Deleted <i>no external I_{LOAD}</i> test condition for the current available to isolated supply parameter for the ISOW7842 and ISOW7844 devices in each <i>Supply Current Characteristics</i> table	12
• Changed the labels of the curves in the <i>Thermal Derating Curve for Safety Limiting Current per VDE</i>	20
• Added the supply current versus data rate graphs for the ISOW7840 in the <i>Typical Characteristics</i> section.....	21
• Changed the ground symbols for the input schematic for devices with F suffix and the SEL pin in the <i>Device I/O Schematics</i> figure	31



**ISOW7840, ISOW7841
ISOW7842, ISOW7843, ISOW7844**

SLLSEY2E – MARCH 2017 – REVISED NOVEMBER 2017

Changes from Revision D (November 2017) to Revision E

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• Changed the ISOW7843 device from <i>Preview</i> to <i>Production Data</i>	1
• Added the ISOW7843 current parameters to each <i>Supply Current Characteristics</i> table	12
• Added the supply current versus data rate graphs for the ISOW7843 in the <i>Typical Characteristics</i> section.....	25

The datasheet number will be changing.

Device Family	Change From:	Change To:
ISOW7840, ISOW7841 ISOW7842, ISOW7843, ISOW7844	SLLSEY2C	SLLSEY2D
ISOW7840, ISOW7841 ISOW7842, ISOW7843, ISOW7844	SLLSEY2D	SLLSEY2E

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/ISOW7840>

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:			
ISOW7840DWE	ISOW7840DWER	ISOW7840FDWE	ISOW7840FDWER
ISOW7841DWE	ISOW7841DWER	ISOW7841FDWE	ISOW7841FDWER
ISOW7842DWE	ISOW7842DWER	ISOW7842FDWE	ISOW7842FDWER
ISOW7843DWE	ISOW7843DWER	ISOW7843FDWE	ISOW7843FDWER
ISOW7844DWE	ISOW7844DWER	ISOW7844FDWE	ISOW7844FDWER

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

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
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