

<b>PCN Number:</b>	20170919003	<b>PCN Date:</b>	January 29, 2018
<b>Title:</b>	Datasheet for TUSB542		
<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.



**TUSB542**

SLLSER3E – DECEMBER 2015 – REVISED JUNE 2017

Changes from Revision D (March 2017) to Revision E	Page
• Changed <i>Feature</i> From: Selectable Equalization, De-Emphasis, and Output Swing To: Selectable Equalization up to 9 dB, De-Emphasis, and Output Swing up to 6 dB .....	1
• Deleted <i>Feature</i> : Automatic LFPS De-Emphasis Control for USB 3.1 Compliance.....	1
• Changed <i>Feature</i> From: Can Support USB DFP, UFP or DRP Port To: Supports USB-C DFP, UFP or DRP Port.....	1
• Changed Application From: USB Type-C SS Application To: USB 3.1 Gen 1 SS Application.....	1
• Changed the <i>Simplified Schematic</i> .....	1
• Changed the first five paragraphs of the <i>Overview</i> section.....	12
• Changed <a href="#">Figure 15</a> .....	16
• Changed the <i>Design Requirements</i> and the <i>Detailed Design Procedure</i> section of <i>Typical Applications, USB Type-C Port SS MUX</i> section.....	17
• Changed the <i>Design Requirements</i> and the <i>Detailed Design Procedure</i> section of <i>Typical Application: Switching USB SS Host or Device Ports</i> .....	20

The datasheet number will be changing.

Device Family	Change From:	Change To:
TUSB542	SLLSER3D	SLLSER3E

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TUSB542>

#### 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:

TUSB542RWQR			
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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>
USA	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
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>