

PCN Number:	20180223001	PCN Date:	February 26, 2018
Title:	Datasheet for LM5113		
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.



LM5113

SNVS725H – JUNE 2011 – REVISED JANUARY 2018

Changes from Revision G (January 2016) to Revision H

Page

• Changed data sheet title from: LM5113 100 V 1.2-A / 5-A, Half-Bridge Gate Driver for Enhancement Mode GaN FETs to: LM5113 80-V, 1.2-A, 5-A, Half Bridge GaN Driver (NRND)	1
• Added Not Recommended for New Designs statement to the data sheet.....	1
• Added content to the <i>Description</i> section	1
• Changed the first page key graphic	1
• Removed HB to VDD parameter from the <i>Absolute Maximum Ratings</i> table	4
• Changed the HS to VSS maximum from: 100 V to: 93 V.....	4
• Changed the HB to VSS maximum from: 107 V to: V(HS) + 7 V.....	4
• Changed the human-body model value from: ±2000 to: ±1000	4
• Changed HS maximum from: 100 V to: 90 V	4
• Changed the <i>Functional Block Diagram</i>	10
• Changed the last paragraph and add new images to the <i>Input and Output</i> section	10
• Added content to the <i>Start-up and UVLO</i> section	11

The datasheet number will be changing.

Device Family	Change From:	Change To:
LM5113	SNVS725G	SNVS725H

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/LM5113>

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:

LM5113SD/NOPB	LM5113SDE/NOPB	LM5113SDX/NOPB	LM5113TME/NOPB
LM5113TMX/NOPB			

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
Japan	PCNJapanContact@list.ti.com