



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20180223001
Datasheet for LM5113
Information Only**

Date: February 26, 2018
To: TOKYO ELECTRON DEVICE (DSTR) PCN

Dear Customer:

This is an information-only announcement of a change to the datasheet for a device that is currently offered by Texas Instruments.

The changes discussed within this notification are for your information only.

Any negotiated alternative change requirements will be provided via the customer's defined process. Customers with previously negotiated, special requirements will be handled separately. Any inquiries should be directed to your local Field Sales Representative.

For questions regarding this notice, contact your local Field Sales Representative or the PCN Manager (PCN_ww_admin_team@list.ti.com).

Sincerely,

PCN Team
SC Business Services

Information Only Attachments

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
LM5113SDE/NOPB	null
LM5113TME/NOPB	null

Technical details of this Product Change follow on the next page(s).

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"/> Wafer Bump Site	
<input type="checkbox"/> Assembly Process	<input checked="" type="checkbox"/> Data Sheet	<input type="checkbox"/> Wafer Bump Material	
<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Part number change	<input type="checkbox"/> Wafer Bump Process	
<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Site	<input type="checkbox"/> Wafer Fab Site	
<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Process	<input type="checkbox"/> Wafer Fab Materials	
		<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