Notification Number:	20220804003.0	Notification Date:	August 09, 2022
Title:	Datasheet for LMX2592 and LMX2582		
Customer Contact:	PCN Manager	**Dept:**	Quality Services

Change Type:

☐	Assembly Site	☐	Design	☐	Wafer Bump Site
☐	Assembly Process	☒	Data Sheet	☐	Wafer Bump Material
☐	Assembly Materials	☐	Part number change	☐	Wafer Bump Process
☐	Mechanical Specification	☐	Test Site	☐	Wafer Fab Site
☐	Packing/Shipping/Labeling	☐	Test Process	☐	Wafer Fab Materials
				☐	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.

TEXAS INSTRUMENTS

LMX2592
SNAS646G – DECEMBER 2015 – REVISED AUGUST 2022

Changes from Revision F (October 2017) to Revision G (August 2022)   Page

- Changed package description from WQFN to VQFN..1
- Added a new requirement to Vtune pin description...4
- Added HD2 and HD3 information to the *Electrical Characteristics* table...................................7
- Removed sentence: The CLK signal should not be high when LE transitions to low...................8
- Changed the Channel Divider requirement...16
- Added a new register field, VTUNE_ADJ, in register R30...19
- Changed the position of register field, PFD_CTL, in register R13..19
- Added read only register R68, R69 and R70..19
- Added additional requirement for register CP_ICOARSE in Table 7-16 20
- Added additional information for register MUXOUT_HDRV in Table 7-44 20
- Added a new register field, VTUNE_ADJ, in Table 7-25 20
- Changed the register R0 FCAL_LPFD_ADJ configurable values...20
- Changed the register R13 PFD_CTL position..20
- Added the R68, R69 and R70 register field descriptions...20
- Added *External Loop Filter* section..36
- Moved the *Power Supply Recommendations* and *Layout* sections to the *Application and Implementation* section..38

The datasheet number will be changing.

Device Family	Change From:	Change To:
LMX2592	SNAS646F	SNAS646G
LMX2582	SNAS680D	SNAS680E

These changes may be reviewed at the datasheet links provided.

https://www.ti.com/product/LMX2592

https://www.ti.com/product/LMX2582

Error! Bookmark not defined.

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 notification:
None.

Product Affected:			
LMX2592RHAR	LMX2592RHAT	LMX2582RHAR	LMX2582RHAT

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

Location	**E-Mail**
WW PCN Team	PCN_ww_admin_team@list.ti.com

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