

Notification Number:	20230306004.0	Notification Date:	March 07, 2023
Title:	Datasheet for TPS6287x-Q1		
Customer Contact:	Notification Manager	Dept:	Quality Services

Change Type: Electrical Specification

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.



TPS62870-Q1, TPS62871-Q1, TPS62872-Q1, TPS62873-Q1
SLVSFJ3B – MAY 2022 – REVISED JANUARY 2023

Changes from Revision A (July 2022) to Revision B (January 2023)	Page
• Updated the <i>Device Options</i> Table.....	3
• Modified MODE/SYNC pin Description in Pin Functions	5
• Changed the title of Figure 8-5	12
• Added approximate minimum on time value.....	15
• Added behavior of device when EN is toggled and input voltage is applied.....	17
• Modified Table 9-5 to reflect new available Orderable Part Number.....	21
• Added a comment on how to connect secondary devices SYNC_OUT pin.....	27
• Added a footnote to Table 9-10	31
• Added I²C Register Reset	34
• Added Number of phases N _φ and adapted passive component selection equations in Typical Application ...	41

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS6287x-Q1	SLVSFJ3A	SLVSFJ3B

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TPS6287x-Q1>

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:

TPS62870N0QWRXSRQ1	TPS62870QWRXSRQ1	TPS62870Y3QWRXSRQ1	TPS62871QWRXSRQ1
TPS62872QWRXSRQ1	TPS62872Y1QWRXSRQ1	TPS62873QWRXSRQ1	TPS62873Y1QWRXSRQ1

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
WW Change Management Team	PCN_ww_admin_team@list.ti.com

IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property

right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI's Terms of Sale (www.ti.com/legal/termsofsale.html) or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.