

Notification Number:	20260817000.0	Notification Issued	August 17, 2026
Datasheet for TPS6287x-Q1			

Change Type(s)	Data Sheet/Electrical Specification
ZVEI ID	SEM-DS-02, SEM-DS-03

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.



TPS62870-Q1, TPS62871-Q1, TPS62872-Q1, TPS62873-Q1

SLVSFJ3E – MAY 2022 – REVISED AUGUST 2026

Changes from Revision D (January 2025) to Revision E (August 2026)	Page
• Added the <i>Description (Continued)</i> to the <i>Description</i>	1
• Added TPS62872Y9QWRXSRQ1 to the <i>Device Options</i> table.....	4
• Updated pin type for SCL pin to I (input) in Table 5-1	6
• Added COMP pin voltage and added SDA and EN pin currents in the <i>Absolute Maximum Ratings</i> table.....	8
• Added typical value of Parasitic Input Capacitance for SDA and SCL pins in parameter $C_{IN_SDA_SCL}$	8
• Added table note (1) in <i>I²C Timing Characteristics</i> table.....	8
• Changed from VOUT[7:0] to VSET[7:0] in <i>Start-Up</i>	20
• Changed from CONTROL1 into CONTROL2 in <i>Output Voltage Range</i>	23
• Changed from VOUT[7:0] to VSET[7:0] in <i>Output Voltage Setpoint</i>	23
• Added Figure 7-12	28
• Changed the "Output Discharge" option for the PRIMARY DEVICE from "Yes" to "Through I ² C" in Table 7-8 ...	30
• Changed the content under "Remark" for Function "SSC" from "Daisy-chained from primary device to secondary devices" to "Daisy-chained from primary device to secondary device and from secondary device to next secondary device" in Table 7-8	30
• Changed the content under "Secondary Device" for Function "SSC" from "Yes" to "Yes, through primary device" in Table 7-8	30
• Changed the content under "Remark" for Function "SYNC" from "Synchronization clock applied to primary device" to "Synchronization clock applied to primary device. Daisy-chained from primary device to secondary device and from secondary device to next secondary device" in Table 7-8	30
• Updated description on initialization time interval and clarified that functions I ² C, output discharge, and power good are available after completion of the device initialization in <i>Standby</i>	33
• Updated Figure 7-20 and Figure 7-21 by changing from Target Address to Device Address and changing the number of bits for Device Address from 8 to 7 in <i>I²C Update Sequence</i>	36
• Changed from $t_{d(EN)}$ to $t_{d(EN)2}$ in <i>I²C Register Reset</i>	37
• Added (from 3.8A to 11.3A) to ΔI_{OUT} in Table 9-1	44
• Changed value of optional C_{C2} from 1pF to 10pF in <i>Selecting the Compensation Capacitor, C_{C2}</i>	48
• Changed from VOSNS to COMP in <i>Layout Guidelines</i> (correction in sentence for connecting the compensation components).....	53

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS6287x-Q1	SLVSFJ3D	SLVSFJ3E

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TPS62870-Q1>

Reason for Change:	To accurately reflect device characteristics.
Anticipated impact on Form, Fit, Function, Quality or Reliability:	No anticipated impact
Changes to product identification resulting from this PCN:	None

Products Affected:		
TPS62872N0QWRXSRQ1.A	TPS62870QWRXSRQ1.A	TPS62870Y0QWRXSRQ1.A
TPS62873N1QWRXSRQ1	TPS62872N3QWRXSRQ1	TPS62870QWRXSRQ1
TPS62872N3QWRXSRQ1.A	TPS62871N1QWRXSRQ1.A	TPS62873QWRXSRQ1
TPS62872Y4QWRXSRQ1	TPS62872Y4QWRXSRQ1.A	TPS62873QWRXSRQ1.A
TPS62872N2QWRXSRQ1	TPS62873N0QWRXSRQ1.A	TPS62872Y7QWRXSRQ1.A
TPS62871Y5QWRXSRQ1.A	TPS62871N0QWRXSRQ1	TPS62872Y1QWRXSRQ1.A
TPS62873Y1QWRXSRQ1.A	TPS62870Y0QWRXSRQ1	TPS62873N1QWRXSRQ1.A
TPS62870Y3QWRXSRQ1.A	TPS62870Y2QWRXSRQ1	TPS62872Y2QWRXSRQ1.A
TPS62871Y1QWRXSRQ1.A	TPS62873Y1QWRXSRQ1	TPS62871Y1QWRXSRQ1
TPS62870Y3QWRXSRQ1	TPS62871QWRXSRQ1	TPS62870Y1QWRXSRQ1
TPS62871N1QWRXSRQ1	TPS62871QWRXSRQ1.A	TPS62872QWRXSRQ1.A
TPS62870N0QWRXSRQ1	TPS62872Y7QWRXSRQ1	TPS62872QWRXSRQ1
TPS62870N0QWRXSRQ1.A	TPS62871Y5QWRXSRQ1	TPS62872N0QWRXSRQ1
TPS62870Y2QWRXSRQ1.A	TPS62872Y2QWRXSRQ1	TPS62873N0QWRXSRQ1
TPS62870Y1QWRXSRQ1.A	TPS62871N0QWRXSRQ1.A	TPS62872Y1QWRXSRQ1

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