

PCN Number:	20230702004.0	PCN Date:	July 10, 2023
Title:	Datasheet for TPS653850A-Q1 and TPS653852A-Q1		
Customer Contact:	Change Management team	Dept:	Quality Services
Change Type:	Electrical Specification		

PCN 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.



TPS653850A-Q1, TPS653852A-Q1
SLVSF93B – JANUARY 2020 – REVISED JUNE 2023

Changes from Revision A (January 2021) to Revision B (June 2023)	Page
• Added a note to describe AUTOBIST_DIS bit.....	42
• Updated the Current Limit and Deglitch times for VSOUT2.....	48
• Changed the DATA[7:0] description in the <i>SPI Data Transfer Phase</i> section.....	88
• Changed the R[7:0] description in the <i>Device SPI Data Response</i> section.....	90
• Changed the MCRC[3:0]description in the <i>Device SPI Master CRC (MCRC) Input</i> section.....	90
• Updated the VSOUT2_EN and VSOUT2_EN_RST bit definitions.....	100
• Changed the <i>Mechanical, Packaging, and Orderable Information</i> section.....	161

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS653850A-Q1 and TPS653852A-Q1	SLVSF94A	SLVSF94B

The document is not available on the TI website. Please contact the document owner at l-jackson@ti.com or visit the MySecure site for a copy of the full datasheet.

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:

O3850AQDCARQ1	O3852AQDCARQ1		
---------------	---------------	--	--

For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.

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 disdains 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.