



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20230724004.0
Datasheet for TPS20xxB
Information Only**

Date: July 28, 2023

To: TOKYO ELECTRON DEVICE (DSTR) PCN

Dear Customer:

This is an information-only announcement of a change to 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 Change Management team.

Sincerely,

Change Management Team
SC Business Services

20230724004.0
Information Only Datasheet
Attachments

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, you have recently purchased these devices. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
TPS2051BDBVR	null
TPS2052BD	null
TPS2052BDGN	null
TPS2052BDGNR	null
TPS2052BDR	null
TPS2051BD	null
TPS2051BDGN	null
TPS2051BDR	null
TPS2051BDGNR	null

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

PCN Number:	20230724004.0	PCN Date:	July 28, 2023
Title:	Datasheet for TPS20xxB		
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.



TPS2041B, TPS2042B, TPS2043B, TPS2044B
TPS2051B, TPS2052B, TPS2053B, TPS2054B
 SLVS514N – JUNE 2010 – REVISED JULY 2023

Changes from Revision M (June 2016) to Revision N (July 2023)

Page

- Updated the numbering format for tables, figures, and cross-references throughout the document..... 1
- Update TPS2051BDBV and TPS2052BD electrical characteristics, including overcurrent trip threshold, high-level output supply current and undervoltage lockout..... 7
- Updated TPS2051BDBV and TPS2052BD Typical Characteristics..... 14
- Moved overcurrent description from Application and Implementation section to Detailed Description section..... 22
- Added TPS2051BDBV and TPS2052BD overcurrent description..... 22

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPS20xxB	SLVS514M	SLVS514N

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TPS2041B>

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:

TPS2051BD	TPS2051BDBVR	TPS2051BDGN	TPS2051BDGNR
TPS2051BDR	TPS2052BD	TPS2052BDGN	TPS2052BDGNR
TPS2052BDR			

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 disdaims 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.