

PCN Number:	20240822004.0	PCN Date:	August 22, 2024
Title:	Datasheet for TUSB1002A, TMUX405x, and TMAG5273		
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.



TUSB1002A
SLLSF63C – MARCH 2018 – REVISED JULY 2024

Changes from Revision B (October 2023) to Revision C (July 2024)	Page
• Added the <i>ESD Diodes Recommendations Characteristics</i> table.....	22
• Changed recommended R_{ESD} for Nexperia from none to 2Ω	22



TMUX4051, TMUX4052, TMUX4053
SCDS445D – MAY 2022 – REVISED JULY 2024

Changes from Revision C (July 2024) to Revision D (July 2024)	Page
• Changed the status of the TMUX1309 device from preview to production.....	1
• Added back Figure 6-7 , Figure 6-8 , Figure 6-9	12
• Added back Figure 9-2	23

Changes from Revision B (March 2023) to Revision C (July 2024)	Page
• Updated the numbering format for tables, figures, and cross-references throughout the document.....	1
• Updated $I_{s(off)}$ or $I_{d(off)}$ values.....	7
• Updated I_{on} values.....	7
• Added the Typical Characteristics.....	12



TMAG5273
SLYS045B – JUNE 2021 – REVISED JULY 2024

Changes from Revision A (September 2021) to Revision B (July 2024)	Page
• Updated formatting of ICC_DCM parameter in the <i>Electrical Characteristics</i> section.....	6
• Updated the formatting of the <i>Magnetic Characteristics for A1</i> test conditions.....	8
• Updated the formatting of the <i>Magnetic Characteristics for A2</i> test conditions.....	9
• Updated the formatting of the <i>Power up & Conversion Time</i> test conditions.....	10
• Added information about the \overline{INT} function during the transition from sleep mode to standby mode.....	18
• Added sentence: The result interrupt function is not available during the W&S mode.....	18
• Removed the exception note with CRC support for long data stream	21
• Removed the exception note with CRC enabled	21
• Changed DEVICE_ID register reset from 1h to xh.....	41

The datasheet number will be changing.

Device Family	Change From:	Change To:
TUSB1002A	SLLSF63B	SLLSF63C
TMUX405x	SCDS445B	SCDS445D
TMAG5273	SLYS045A	SLYS045B

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TUSB1002A>

<http://www.ti.com/product/TMUX4051>

<http://www.ti.com/product/TMAG5273>

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.

Changes to product identification resulting from this PCN:

None.

Product Affected:

TUSB1002AIRGER	TUSB1002AIRGET	TUSB1002ARGER	TUSB1002ARGET
TMUX4051BQBR	TMUX4051DYR	TMUX4051PWR	TMUX4052BQBR
TMUX4052DYR	TMUX4052PWR	TMUX4053BQBR	TMUX4053DYR
TMUX4053PWR	TMAG5273A1QDBVR	TMAG5273A2QDBVR	TMAG5273B1QDBVR
TMAG5273B2QDBVR	TMAG5273C1QDBVR	TMAG5273C2QDBVR	TMAG5273D1QDBVR
TMAG5273D2QDBVR			

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

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