

PCN Number:	20231219025.0	PCN Date:	January 11, 2024
Title:	Datasheet for TUSB216, TUSB216I, TUSB216-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.



TUSB216
SLLSEZ6D – FEBRUARY 2019 – REVISED DECEMBER 2023

Changes from Revision C (October 2020) to Revision D (December 2023)	Page
• Added extended temperature range part number.....	1
• Updated the <i>Device Information</i> table to include package lead frame size.....	1
• Added <i>Device Comparison</i> section.....	2
• Changed maximum recommended voltage for RX_SEN from 3.6 V to 5.0 V.....	5
• Changed $V_{IH(Max)}$ for RX_SEN from 5.5 V to 5.0 V and removed resistors values.....	6
• Added 400 kHz I2C support.....	6
• Added timing table for 400 kHz I2C Fast Mode.....	8
• Added I2C standard and fast mode support in Detailed Description.....	10
• Corrected the footnote about limiting RX_SEN pin voltage to 5 V instead of BOOST pin to 3.6 V.....	15
• Corrected NOTE about the recommended voltage for RX_SEN pin from max 3.6 V to 5 V.....	16



TUSB216I
SLLSFM9A – MARCH 2021 – REVISED DECEMBER 2023

Changes from Revision * (March 2021) to Revision A (December 2023)	Page
• Added <i>Device Comparison</i> section.....	2
• Added 400 kHz I2C support.....	6
• Added timing table for 400 kHz I2C Fast Mode.....	8
• Added I2C standard and fast mode support in Detailed Description.....	10



TUSB216-Q1
SLLSF03B – APRIL 2019 – REVISED DECEMBER 2023

Changes from Revision A (September 2021) to Revision B (December 2023)	Page
• Added more details to <i>Device Comparison</i> section.....	2
• Added 400 kHz I2C support.....	6
• Added timing table for 400 kHz I2C Fast Mode.....	8
• Added I2C standard and fast mode support in Detailed Description.....	10

The datasheet number will be changing.

Device Family	Change From:	Change To:
TUSB216	SLLSEZ6C	SLLSEZ6D
TUSB216I	SLLSFM9	SLLSFM9A
TUSB216-Q1	SLLSF03A	SLLSF03B

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TUSB216>

<http://www.ti.com/product/TUSB216I>

<http://www.ti.com/product/TUSB216-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 PCN:

None.

Product Affected:

TUSB216RWBR	TUSB216RWBT	TUSB216IRWBR	TUSB216IRWBT	
TUSB216RWBRQ1	TUSB216RWBTQ1			

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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