

Notification Number:	20220509002.0	Notification Date:	June 09, 2022
Title:	Functional Safety Manual and Datasheet Update for TCAN4550-Q1		
Customer Contact:	Notification Manager	Dept:	Quality Services
Change Type:	Functional Safety Manual and Datasheet		

Notification Details

Description of Change:

Texas Instruments Incorporated is announcing an information only notification. The product document(s) is being updated as summarized below. The following change history provides further details.

Technical Reference Manual

TCAN4550-Q1 Functional Safety-Manual



Changes from Revision * (July 2019) to Revision A (May 2022)

Page

- Changed [Figure 3-4](#) and [Figure 3-5](#) - added a resistor in series with pin 20.....5



TCAN4550-Q1

SLLSEZ5D – JANUARY 2018 – REVISED JUNE 2022

Changes from Revision C (October 2020) to Revision D (June 2022)

Page

- Changed the datasheet title..... 1
- Changed wake up to: wake-up throughout the document..... 1
- Changed description of the OSCI (pin 1) and OSC2 (pin 2) in the *Pin Functions* table..... 4
- Added a second paragraph to the OSC1 and OSC2 Pins section..... 27
- Changed register Timestamp Prescaler to: *Timestamp Prescaler* 55
- Changed bit 23 from: RSVD to: SMS in [Figure 8-28](#) 58
- Changed bit 9 description from: Transmission Completed to: Transmission Cancellation Finished..... 89
- Changed bit 32:24 to: 30:24 in [Table 8-56](#) 106
- Changed bullet: This is where the termination is split into two resistors, R5 and R6 To: This is where the termination is split into two resistors, R4 and R5 in the *Layout Guidelines* 137
- Added bullet for R8 in the *Layout Guidelines* 137
- Changed the *Layout Example*: added resistor R8 to Pin 1..... 138

The documentation number will be changing.

Device Family	Change From:	Change To:
TCAN4550-Q1 (Functional Safety Manual)	SLLU312	SLLU312A
TCAN4550-Q1	SLLSEZ5C	SLLSEZ5D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TCAN4550-Q1>

For access to the full version of the documentation, please contact Eric Hackett at e-hackett@ti.com.

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 documentation change announcement only. There are no changes to the actual device.

Changes to product identification resulting from this notification:			
None.			
Product Affected:			
TCAN4550RGYRQ1	TCAN4550RGYTQ1		

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

Location	E-Mail
WW Change Management Team	PCN_ww_admin_team@list.ti.com

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