

Notification Number:	20211101001	Notification Date:	December 01, 2021
Title:	Datasheet for TCAN1042-Q1 and TCAN1042		
Customer Contact:	Notification Manager	Dept:	Quality Services
Change Type:	Electrical Specification		

Notification 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.



TCAN1042-Q1, TCAN1042V-Q1, TCAN1042H-Q1, TCAN1042HV-Q1
TCAN1042G-Q1, TCAN1042GV-Q1, TCAN1042HG-Q1, TCAN1042HGV-Q1
SLLSES9D – FEBRUARY 2016 – REVISED OCTOBER 2021

Changes from Revision C (March 2019) to Revision D (October 2021)	Page
• Added <i>Feature</i> : EMC performance:..	1
• Added <i>Feature</i> "Functional Safety-Capable"	1
• Changed the automotive feature, removed temperatures and classification levels	1
• Deleted "Product Preview" from the DRB pin images in the <i>Pin Configurations and Functions</i>	5
• Added footnote to the GND pin in the <i>Pin Functions</i> table	5
• Changed the <i>ESD Rating</i> table, added HBM and CDM classification levels.	6
• Changed the DRB (VSON) values in the <i>Thermal Information</i> table	8
• Changed the title in Section 9.3.7.1	21
• Changed the title in Section 9.3.7.2	21



TCAN1042H, TCAN1042HG
TCAN1042HGV, TCAN1042HV
SLLSES7D – MARCH 2016 – REVISED OCTOBER 2021

Changes from Revision C (April 2017) to Revision D (October 2021)	Page
• Deleted devices: TCAN1042, TCAN1042G, TCAN1042GV, and TCAN1042V	1
• Added footnote to the GND pin in the <i>Pin Functions</i> table	5
• Changed the DRB (VSON) values in the <i>Thermal Information</i> table	8
• Changed the title in Section 9.3.7.1	21
• Changed the title in Section 9.3.7.2	21

The datasheet number will be changing.

Device Family	Change From:	Change To:
TCAN1042-Q1	SLLSES9C	SLLSES9D
TCAN1042	SLLSES7C	SLLSES7D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TCAN1042>

<http://www.ti.com/product/TCAN1042-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 notification:

None.			
Product Affected:			
TCAN1042DQ1	TCAN1042DRBRQ1	TCAN1042DRBTQ1	TCAN1042DRQ1
TCAN1042GDQ1	TCAN1042GDRBRQ1	TCAN1042GDRBTQ1	TCAN1042GDRQ1
TCAN1042GVDQ1	TCAN1042GVDRBRQ1	TCAN1042GVDRBTQ1	TCAN1042GVDRQ1
TCAN1042HDQ1	TCAN1042HDRBRQ1	TCAN1042HDRBTQ1	TCAN1042HDRQ1
TCAN1042HGDQ1	TCAN1042HGDRBRQ1	TCAN1042HGDRBTQ1	TCAN1042HGDRQ1
TCAN1042HGVDQ1	TCAN1042HGVDRBRQ1	TCAN1042HGVDRBTQ1	TCAN1042HGVDRQ1
TCAN1042HVDQ1	TCAN1042HVDRBRQ1	TCAN1042HVDRBTQ1	TCAN1042HVDRQ1
TCAN1042VDQ1	TCAN1042VDRBRQ1	TCAN1042VDRBTQ1	TCAN1042VDRQ1
TCAN1042HD	TCAN1042HDR	TCAN1042HGD	TCAN1042HGDR
TCAN1042HGVD	TCAN1042HGVDR	TCAN1042HVD	TCAN1042HVDR

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