



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20211101001
Datasheet for TCAN1042-Q1 and TCAN1042
Information Only**

Date: December 01, 2021
To: TOKYO ELECTRON DEVICE (DSTR) PCN

Dear Customer:

This is an information-only announcement of a change to the datasheet for 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 (PCN_ww_admin_team@list.ti.com).

Sincerely,

Change Management Team
SC Business Services

Information Only Attachments

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past sixty (60) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
TCAN1042VDRQ1	null
TCAN1042GVDRQ1	null
TCAN1042GDRQ1	null
TCAN1042HGVDRQ1	null
TCAN1042DRQ1	null
TCAN1042HGDRBRQ1	null
TCAN1042GVDRBRQ1	null
TCAN1042HGDR	null
TCAN1042HD	null
TCAN1042HDR	null
TCAN1042GDQ1	null
TCAN1042HVDR	null
TCAN1042VDRBRQ1	null

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

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	

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
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
WW Change Management Team	PCN_ww_admin_team@list.ti.com

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