

PCN Number:	20170616010	PCN Date:	June 27, 2017
Title:	Datasheet for TCAN1051x		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Data Sheet
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Process

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.



**TCAN1051, TCAN1051G, TCAN1051GV
TCAN1051H, TCAN1051HV, TCAN1051HG
TCAN1051HGV, TCAN1051V**

SLLSES8D –MARCH 2016–REVISED MAY 2017

Changes from Revision C (August 2016) to Revision D	Page
• Deleted <i>Feature</i> "Meets the December 17th, 2015 Draft of ISO 11898-2 Physical Layer Update"	1
• Changed <i>Feature</i> From: "Meets the Released ISO 11898-2:2007 and ISO 11898-2:2003 Physical Layer Standards" To: "Meets the ISO 11898-2:2016 and ISO 11898-5:2007 Physical Layer Standards"	1
• Changed <i>Feature</i> From: "All devices support 2 Mbps CAN FD.." To: "All Devices Support Classic CAN and 2 Mbps CAN FD.."	1
• Changed the <i>Functional Block Diagram</i> , removed the Dominant time-out box	1
• Added Storage temperature range to the <i>Absolute Maximum Ratings</i> table	5
• Changed Human Body Model (HBM) From: ± 10000 To: ± 16000 in the <i>ESD</i> table	5
• Changed Charged Device Model (CDM) From: ± 750 To: ± 1500 in the <i>ESD</i> table	5
• Changed TBD to values for the DRB (VSON) Package in the <i>ESD</i> table	5
• Changed V_{SYM} in the <i>DRIVER ELECTRICAL CHARACTERISTICS</i> table	8
• Changed V_{SYM_DC} in the <i>DRIVER ELECTRICAL CHARACTERISTICS</i> table	8
• Deleted " $V_I = 0.4 \sin(4E6 \pi t) + 2.5 V$ " from the Test Condition of C_I in the <i>RECEIVER ELECTRICAL CHARACTERISTICS</i> table	9
• Deleted " $V_I = 0.4 \sin(4E6 \pi t)$ " from the Test Condition of C_{ID} in the <i>RECEIVER ELECTRICAL CHARACTERISTICS</i> table	9
• Added " $-30 V \leq V_{CM} \leq +30 V$ " to the Test Condition of R_{ID} and R_{IN} in the <i>RECEIVER ELECTRICAL CHARACTERISTICS</i> table	9
• Changed the <i>Functional Block Diagram</i> , removed the Dominant time-out box	15
• Changed Table 3 , BUS OUTPUT column	17

The datasheet number will be changing.

Device Family	Change From:	Change To:
TCAN1051x	SLLSES8C	SLLSES8D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TCAN1051>

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:			
TCAN1051HD	TCAN1051HDR	TCAN1051HGD	TCAN1051HGDR
TCAN1051HGVD	TCAN1051HGVDR	TCAN1051HVD	TCAN1051HVDR

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
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