

PCN Number:	20190513000A	PCN Date:	May 30, 2019
Title:	Datasheet for TS5A23157		
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.

Rev A is being issued as a correction to the datasheet revision and change description. The corrected section is highlighted below.



TS5A23157

SCDS165F – MAY 2004 – REVISED JANUARY 2019

Changes from Revision E (June 2015) to Revision F	Page
• Changed <i>Feature</i> From: Low ON-State Resistance (10 Ω) To: Low ON-State Resistance (15 Ω at 125°C)	1
• Added <i>Feature</i> : 125°C Operation	1
• Added Junction Temperature To the <i>Absolute Maximum Ratings</i> table	4
• Changed the Operating temperature MAX value From: 85°C To: 125°C in the <i>Recommended Operating Conditions</i> table	4
• Changed the <i>Thermal Information</i> table	4
• Changed r_{ON} in the <i>Electrical Characteristics for 5-V Supply</i> table	5
• Changed V_{IH} in the <i>Electrical Characteristics for 5-V Supply</i> table	5
• Changed t_{ON} and t_{OFF} in the <i>Electrical Characteristics for 5-V Supply</i> table	5
• Changed r_{ON} in the <i>Electrical Characteristics for 3.3-V Supply</i> table	7
• Changed t_{ON} and t_{OFF} in the <i>Electrical Characteristics for 3.3-V Supply</i> table	7
• Changed r_{ON} in the <i>Electrical Characteristics for 2.5-V Supply</i> table	8
• Changed t_{ON} and t_{OFF} in the <i>Electrical Characteristics for 3.3-V Supply</i> table	8
• Changed r_{ON} in the <i>Electrical Characteristics for 1.8-V Supply</i> table	9
• Changed t_{ON} and t_{OFF} in the <i>Electrical Characteristics for 1.8-V Supply</i> table	9

The datasheet number will be changing.

Device Family	Change From:	Change To:
TS5A23157	SCDS165E	SCDS165F

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TS5A23157>

Reason for Change:

To reflect the device pin descriptions accurately.

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:			
TS5A23157DGSR	TS5A23157DGSRE4	TS5A23157DGSRG4	TS5A23157DGST
TS5A23157RSER			

For questions regarding this notice, e-mails can be sent to the 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 PCN Team	PCN_ww_admin_team@list.ti.com