

Notification# 20190513000A
Datasheet for TS5A23157
Information Only

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

Date: May 30, 2019

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 PCN team (PCN_admin_team@list.ti.com).

Sincerely,

PCN 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 twenty-four (24) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
TS5A23157RSER	null
TS5A23157DGSR	null

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

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"/> Wafer Bump Site																																																					
<input type="checkbox"/> Assembly Process	<input checked="" type="checkbox"/> Data Sheet	<input type="checkbox"/> Wafer Bump Material																																																					
<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Part number change	<input type="checkbox"/> Wafer Bump Process																																																					
<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Site	<input type="checkbox"/> Wafer Fab Site																																																					
<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Process	<input type="checkbox"/> Wafer Fab Materials																																																					
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Notification Details																																																							
Description of Change:																																																							
<p>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.</p> <p style="text-align: center;">Rev A is being issued as a correction to the datasheet revision and change description. The corrected section is highlighted below.</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> TS5A23157 SCDS165F – MAY 2004 – REVISED JANUARY 2019 </div> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Changes from Revision E (June 2015) to Revision F</th> <th style="text-align: right;">Page</th> </tr> </thead> <tbody> <tr> <td>• Changed <i>Feature</i> From: Low ON-State Resistance (10 Ω) To: Low ON-State Resistance (15 Ω at 125°C)</td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Added <i>Feature</i> : 125°C Operation</td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Added Junction Temperature To the <i>Absolute Maximum Ratings</i> table</td> <td style="text-align: right;">4</td> </tr> <tr> <td>• Changed the Operating temperature MAX value From: 85°C To: 125°C in the <i>Recommended Operating Conditions</i> table</td> <td style="text-align: right;">4</td> </tr> <tr> <td>• Changed the <i>Thermal Information</i> table</td> <td style="text-align: right;">4</td> </tr> <tr> <td>• Changed r_{ON} in the <i>Electrical Characteristics for 5-V Supply</i> table</td> <td style="text-align: right;">5</td> </tr> <tr> <td>• Changed V_{IH} in the <i>Electrical Characteristics for 5-V Supply</i> table</td> <td style="text-align: right;">5</td> </tr> <tr> <td>• Changed t_{ON} and t_{OFF} in the <i>Electrical Characteristics for 5-V Supply</i> table</td> <td style="text-align: right;">5</td> </tr> <tr> <td>• Changed r_{ON} in the <i>Electrical Characteristics for 3.3-V Supply</i> table</td> <td style="text-align: right;">7</td> </tr> <tr> <td>• Changed t_{ON} and t_{OFF} in the <i>Electrical Characteristics for 3.3-V Supply</i> table</td> <td style="text-align: right;">7</td> </tr> <tr> <td>• Changed r_{ON} in the <i>Electrical Characteristics for 2.5-V Supply</i> table</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Changed t_{ON} and t_{OFF} in the <i>Electrical Characteristics for 3.3-V Supply</i> table</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Changed r_{ON} in the <i>Electrical Characteristics for 1.8-V Supply</i> table</td> <td style="text-align: right;">9</td> </tr> <tr> <td>• Changed t_{ON} and t_{OFF} in the <i>Electrical Characteristics for 1.8-V Supply</i> table</td> <td style="text-align: right;">9</td> </tr> </tbody> </table> <p>The datasheet number will be changing.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Device Family</td> <td style="width: 30%;">Change From:</td> <td style="width: 30%;">Change To:</td> </tr> <tr> <td>TS5A23157</td> <td>SCDS165E</td> <td>SCDS165F</td> </tr> </table> <p>These changes may be reviewed at the datasheet links provided. http://www.ti.com/product/TS5A23157</p> <tr> <td colspan="4">Reason for Change:</td> </tr> <tr> <td colspan="4">To reflect the device pin descriptions accurately.</td> </tr> <tr> <td colspan="4">Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):</td> </tr> <tr> <td colspan="4">No anticipated impact. 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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