



**12500 TI Boulevard, MS 8640, Dallas, Texas 75243**

**Notification# 20160823004  
Datasheet update for SN54HC273/SN74HC273  
Information Only Datasheet**

**Date:** 9/14/2016  
**To:** TOKYO ELECTRON DEVICE (DSTR) PCN

Dear Customer:

This is an information-only announcement of a change to 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 Manager ([PCN\\_ww\\_admin\\_team@list.ti.com](mailto:PCN_ww_admin_team@list.ti.com)).

Sincerely,

PCN Team  
SC Business Services

**20160823004**  
**Information Only Datasheet**  
**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
SN74HC273N	null
SN74HC273NSR	null

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

<b>Notification Number:</b>	20160823004	<b>Notification Date:</b>	Sep.14, 2016
<b>Title:</b>	Datasheet update for SN54HC273/SN74HC273		
<b>Customer Contact:</b>	PCN Manager	<b>Dept:</b>	Quality Services
<b>Change Type:</b>			
<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							
<b>Description of Change:</b>							
<p>Texas Instruments Incorporated is announcing an information only notification.</p> <p>The product datasheet(s) is being updated as summarized below.</p> <p>The following change history provides further details.</p>							
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <b>SN54HC273, SN74HC273</b>  <small>SCLS136E – DECEMBER 1982 – REVISED JULY 2016</small> </div> </div>							
<b>Changes from Revision D (August 2003) to Revision E</b>	<b>Page</b>						
<ul style="list-style-type: none"> <li>Added <i>Device Information</i> table, <i>ESD Ratings</i> table, <i>Feature Description</i> section, <i>Device Functional Modes</i>, <i>Application and Implementation</i> section, <i>Power Supply Recommendations</i> section, <i>Layout</i> section, <i>Device and Documentation Support</i> section, and <i>Mechanical, Packaging, and Orderable Information</i> section.....</li> <li>Removed <i>Ordering Information</i> table, see POA at the end of the data sheet.....</li> <li>Added Military Disclaimer to <i>Features</i>.....</li> <li>Changed R<sub>θJA</sub> for DB package from 70°C/W : to 90.3°C/W .....</li> <li>Changed R<sub>θJA</sub> for DW package from 58°C/W : to 77.4°C/W .....</li> <li>Changed R<sub>θJA</sub> for N package from 69°C/W : to 45.1°C/W .....</li> <li>Changed R<sub>θJA</sub> for NS package from 60°C/W : to 72.6°C/W .....</li> <li>Changed R<sub>θJA</sub> for PW package from 83°C/W : to 98.3°C/W .....</li> </ul>	1 1 1 5 5 5 5 5						
<p>The datasheet number will be changing.</p> <table border="1" style="width: 100%;"> <tr> <td>Device Family</td> <td>Change From:</td> <td>Change To:</td> </tr> <tr> <td>SN54HC273/SN74HC273</td> <td>SCLS136D</td> <td><b>SCLS136E</b></td> </tr> </table>		Device Family	Change From:	Change To:	SN54HC273/SN74HC273	SCLS136D	<b>SCLS136E</b>
Device Family	Change From:	Change To:					
SN54HC273/SN74HC273	SCLS136D	<b>SCLS136E</b>					
<p>These changes may be reviewed at the datasheet links provided.</p> <p><a href="http://www.ti.com/product/SN74HC273">http://www.ti.com/product/SN74HC273</a></p>							

<b>Reason for Change:</b>
To more accurately reflect device characteristics.
<b>Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):</b>
No anticipated impact. This is a specification change announcement only. There are no changes to the actual device.
<b>Changes to product identification resulting from this PCN:</b>
None.

<b>Product Affected:</b>				
SN74HC273DBR	SN74HC273DBRG4	SN74HC273DW	SN74HC273DWE4	
SN74HC273DWG4	SN74HC273DWR	SN74HC273DWRE4	SN74HC273DWRG4	
SN74HC273N	SN74HC273NE4	SN74HC273NSR	SN74HC273NSRG4	
SN74HC273PW	SN74HC273PWG4	SN74HC273PWR	SN74HC273PWRG4	
SN74HC273PWT				

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

<b>Location</b>	<b>E-Mail</b>
USA	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
Japan	<a href="mailto:PCNJapanContact@list.ti.com">PCNJapanContact@list.ti.com</a>