

<b>Notification Number:</b>	20221018005.0.A	<b>Notification Date:</b>	November 07, 2022
<b>Title:</b>	Datasheet for CDx4HC73, CD74HCT73, CDx4HC112, CDx4HCT112, CDx4HC688, CDx4HCT688, CDx4HC374, CDx4HC534, CDx4HCT534, CDx4HC564, CDx4HCT564 and CDx4HC(T)541		
<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

#### 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.



**CD54HC240, CD74HC240, CD74HC241, CD54HC244**  
**CD74HC244, CD54HCT240, CD74HCT240, CD54HCT241**  
**CD74HCT241, CD54HCT244, CD74HCT244**  
SCHS167G – NOVEMBER 1998 – REVISED OCTOBER 2022

**Changes from Revision F (February 2022) to Revision G (October 2022) Page**

- Increased RθJA for packages: DW (73 to 109.1); DB (82 to 122.7); N (67 to 84.6); NS (64 to 113.4); PW (108 to 131.8)..... **4**



**CD54HC374, CD74HC374, CD54HCT374, CD74HCT374, CD54HC574, CD74HC574, CD54HCT574,**  
**CD74HCT574**  
SCHS183E – NOVEMBER 1998 – REVISED OCTOBER 2022

**Changes from Revision D (January 2022) to Revision E (October 2022) Page**

- Increased RθJA for packages: DW (58 to 109.1); N ( 69 to 84.6); PW (83 to 131.8)..... **4**



**CD54HC534, CD74HC534, CD54HC564, CD74HC564**  
**CD54HCT534, CD74HCT534, CD54HCT564, CD74HCT564**  
SCHS188E – NOVEMBER 1998 – REVISED OCTOBER 2022

**Changes from Revision D (January 2022) to Revision E (October 2022) Page**

- Increased RθJA for packages: DW (58 to 109.1); N (69 to 84.6)..... **4**



**CD54HC540, CD74HC540, CD54HC541, CD74HC541, CD74HCT540, CD54HCT541, CD74HCT541**  
SCHS189E – JANUARY 1998 – REVISED OCTOBER 2022

**Changes from Revision D (January 2022) to Revision E (October 2022) Page**

- Increased RθJA for packages: DW (58 to 109.1); N (69 to 84.6); PW (83 to 131.8)..... **4**

The datasheet number will be changing.

Device Family	Change From:	Change To:
CDx4HC240, CDx4HCT240, CD74HC241, CDx4HCT241, CDx4HC244, CDx4HCT244	SCHS167F	SCHS167G
CDx4HC374	SCHS183D	SCHS183E
CDx4HC534, CDx4HCT534, CDx4HC564,	SCHS188D	SCHS188E

CDx4HCT564		
CDx4HC(T)541	SCHS189D	SCHS189E

These changes may be reviewed at the datasheet links provided.

<https://www.ti.com/product/CD54HC240>

<https://www.ti.com/product/CD54HC374>

<https://www.ti.com/product/CD54HC534>

<https://www.ti.com/product/CD54HC541>

**Error! Bookmark not defined.**

**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:**

CD74HC240E	CD74HC540E	CD74HCT240E	CD74HCT540M
CD74HC240M	CD74HC540M	CD74HCT240EE4	CD74HCT540M96
CD74HC240M96	CD74HC540M96	CD74HCT240PW	CD74HCT541E
CD74HC241E	CD74HC541E	CD74HCT240PWR	CD74HCT541M
CD74HC241M	CD74HC541EE4	CD74HCT240PWT	CD74HCT541M96
CD74HC241M96	CD74HC541M	CD74HCT241E	CD74HCT541M96E4
CD74HC244E	CD74HC541M96	CD74HCT241M	CD74HCT541M96G4
CD74HC244EE4	CD74HC541M96G4	CD74HCT241M96	CD74HCT564E
CD74HC244M	CD74HC541PW	CD74HCT244E	CD74HCT564M
CD74HC244M96	CD74HC541PWR	CD74HCT244M	CD74HCT564MG4
CD74HC244M96E4	CD74HC564DWR	CD74HCT244M96	CD74HCT574E
CD74HC244M96G4	CD74HC564E	CD74HCT374E	CD74HCT574M
CD74HC374E	CD74HC564M	CD74HCT374EE4	CD74HCT574M96
CD74HC374M	CD74HC564M96	CD74HCT374M	CD74HCT574ME4
CD74HC374M96	CD74HC574E	CD74HCT374M96	CD74HCT574PWR
CD74HC374M96E4	CD74HC574M	CD74HCT534E	SN74HC244N-P2
CD74HC534E	CD74HC574M96	CD74HCT540E	

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

Location	E-Mail
WW PCN Team	<a href="mailto:PCN_ww_admin_team@list.ti.com">PCN_ww_admin_team@list.ti.com</a>

## IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI's Terms of Sale ([www.ti.com/legal/termsofsale.html](http://www.ti.com/legal/termsofsale.html)) or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.