

Notification# 20171107005
Datasheet for UC1842A, UC1843A, UC1844A, UC1845A
UC2842A, UC2843A, UC2844A, UC2845A
UC3842A, UC3843A, UC3844A, UC3845A
Information Only

Date: December 13, 2017
To: PREMIER FARNELL 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 Manager (PCN_ww_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
UC2842ADG4	null
UC2843AD8	null
UC2844AD8G4	null
UC2844AN	null
UC2845AD8G4	null
UC2845AN	null
UC3842AD	null
UC3842AD8	null
UC3843AD	null
UC3843AN	null
UC3844AD	null
UC3845AD8	null
UC3845ADG4	null
UC3845AN	null
UC2842AD8	null
UC2842AN	null
UC2843AD	null
UC2843AD8TR	null
UC2843AN	null
UC2844AD	null
UC2844AD8	null
UC2845AD	null
UC2845AD8	null
UC2845AD8TR	null
UC3842AN	null
UC3843AD8TR	null
UC3844AN	null
UC3845AD	null
UC3845AD8TR	null
UC3843AD8	null
UC3844AD8	null

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

PCN Number:	20171107005	PCN Date:	Dec. 13, 2017
Title:	Datasheet for UC1842A, UC1843A, UC1844A, UC1845A, UC2842A, UC2843A, UC2844A, UC2845A, UC3842A, UC3843A, UC3844A, UC3845A		
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"/>	Wafer Bump Site
		<input type="checkbox"/>	Wafer Bump Material
		<input type="checkbox"/>	Wafer Bump Process
		<input type="checkbox"/>	Wafer Fab Site
		<input type="checkbox"/>	Wafer Fab Materials
		<input type="checkbox"/>	Wafer Fab Process
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>			
		UC1842A, UC1843A, UC1844A, UC1845A UC2842A, UC2843A, UC2844A, UC2845A UC3842A, UC3843A, UC3844A, UC3845A <small>SLUS224F – SEPTEMBER 1994 – REVISED OCTOBER 2017</small>	
<hr/>			
Changes from Revision E (October 2017) to Revision F			Page
<ul style="list-style-type: none"> • Added WEBENCH links in three places, Features, Application and Implementation and Device and Documentation Support. 1 • Added copyright information to the Simplified Application Diagram 1 • Changed operating free-air temperature of the UC284xA changed from 125°C to 85°C. 6 • Changed operating free-air temperature of the UC384xA changed from -40°C to 0°C. 6 • Changed operating free-air temperature of the UC384xA changed from 85°C to 70°C. 6 • Changed the frequency (f) calculation to the correct equation..... 13 • Changed the C_{OUT} equation to the corrected equation. 17 • Changed the L_{PM} equation to the corrected equation. 18 • Added G_{CO}(f) definition and equation. 19 • Changed the f_{RHPz} equation to the corrected equation..... 19 			
The datasheet number will be changing.			
Device Family	Change From:	Change To:	
UC1842A, UC1843A, UC1844A, UC1845A, UC2842A, UC2843A, UC2844A, UC2845A, UC3842A, UC3843A, UC3844A, UC3845A	SLUS224E	SLUS224F	
These changes may be reviewed at the datasheet links provided.			
http://www.ti.com/product/UC1842A			
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:			
5962-8670405PA	UC2842ADW	UC3845ADTRG4	UC3843AD8TR
5962-8670405XA	UC2842ADWTR	UC2845AD	UC3843AD8TRG4
5962-8670406PA	UC2842ADWTRG4	UC2845AD8	UC3843ADG4
5962-8670406XA	UC2842AN	UC2845AD8G4	UC3843ADTR
5962-8670407PA	UC2842ANG4	UC2845AD8TR	UC3843ADTRG4
5962-8670407XA	UC2843AD	UC2845AD8TRG4	UC3843AN
5962-8670408PA	UC2843AD8	UC2845ADG4	UC3843ANG4
5962-8670408XA	UC2843AD8G4	UC2845ADTR	UC3844AD
UC1842AJ883B	UC2843AD8TR	UC2845ADTRG4	UC3844AD8
UC1842AL883B	UC2843AD8TRG4	UC2845ADW	UC3844AD8G4
UC1843AJ	UC2843ADG4	UC2845AN	UC3844AD8TR
UC1843AJ883B	UC2843ADTR	UC2845ANG4	UC3844AD8TRG4
UC1843AL883B	UC2843AN	UC3842AD	UC3844ADG4
UC1843AMDREPG4	UC2843ANG4	UC3842AD8	UC3844ADTR
UC1844AJ	UC2843AQ	UC3842AD8G4	UC3844ADTRG4
UC1844AJ883B	UC2844AD	UC3842AD8TR	UC3844AN
UC1844AL883B	UC2844AD8	UC3842AD8TRG4	UC3844ANG4
UC1844AMDREP	UC2844AD8G4	UC3842ADG4	UC3845AD
UC1845AJ	UC2844AD8TR	UC3842ADTR	UC3845AD8
UC1845AJ883B	UC2844AD8TRG4	UC3842ADW	UC3845AD8G4
UC1845AL883B	UC2844ADG4	UC3842ADWG4	UC3845AD8TR
UC2842AD	UC2844ADTR	UC3842AN	UC3845AD8TRG4
UC2842AD8	UC2844ADTRG4	UC3842ANG4	UC3845ADG4
UC2842AD8G4	UC2844AN	UC3843A-W	UC3845ADTR
UC2842AD8TR	UC2844ANG4	UC3843AD	
UC2842ADG4	UC3845AN	UC3843AD8	
UC2842ADTR	UC3845ANG4	UC3843AD8G4	

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
Japan	PCNJapanContact@list.ti.com