



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

Notification# 20190513001
Datasheet for DP83822HF, DP83822IF, DP83822H, DP83822I
Information Only

Date: August 28, 2019
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 team (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
DP83822HRHBT	null
DP83822IFRHBT	null
DP83822IRHBT	null

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

PCN Number:	20190513000	PCN Date:	Aug. 27, 2019
Title:	Datasheet for DP83822HF, DP83822IF, DP83822H, DP83822I		
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.



DP83822HF, DP83822IF, DP83822H, DP83822I

SNLS505E – AUGUST 2016 – REVISED MARCH 2019

Changes from Revision D (March 2019) to Revision E Page

- Changed to fix typos on Table 1 8

Changes from Revision C (April 2018) to Revision D Page

- Changed the description for LED_1 in Pin Functions table..... 6
- Changed reset pin state for RX_D[3:0] pins in Table 1..... 8
- Added XO and XI capacitance 10
- Added Test Conditions to PMD OUTPUT section of the Electrical Characteristics Table 11
- Changed Parameter descriptions and units in Reset Timing Requirements table to match device performance. 11
- Changed NOTE for 100BASE-FX Signal Detect pin polarity from Active LOW to Active HIGH. 40
- Changed LED_0 strap modes to remove Mode 2 and Mode 3. 48
- Changed strap description for SD_EN pin from Active LOW to Active HIGH. 48
- Deleted LED_0 configuration table..... 49
- Changed LED_1 Configuration table to merge LED_0 and LED_1 configuration into a single table for clarity. 49
- Changed note in LED Configuration section to clarify LED connections. 50
- Added registers 0x0106, 0x0107, 0x010F, 0x0114, 0x0116, 0x0126, 0x04D4, 0x04D5, and 0x04D6 51
- Changed FUNCTION column of bits 3 and 2 in Table 37 to swap '0' and '1' functionality. 64
- Changed SD_EN=0 to SD_EN=1 in Register 0x465 bit 0 Function..... 79
- Added 100Base-TX MII power consumption data for -40°C and 125°C 98

The datasheet number will be changing.

Device Family	Change From:	Change To:
DP83822HF, DP83822IF, DP83822H, DP83822I	SNLS505C	SNLS505E

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/DP83822I>

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:			
DP83822HFRHBR	DP83822HFRHBT	DP83822HRHBR	DP83822HRHBT
DP83822IFRHBR	DP83822IFRHBT	DP83822IRHBR	DP83822IRHBT

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

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