

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.

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