



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20260302000.0
Datasheet for DP83TC813x-Q1
Information Only**

Date: March 03, 2026
To: MOUSER 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 Change Management team.

Sincerely,

Change Management Team
SC Business Services

20260302000.0
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, you have recently purchased these devices. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
DP83TC813RRHFRQ1	NULL
DP83TC813RRHFTQ1	NULL

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

PCN Number:	20260302000.0	PCN Date:	March 03, 2026
Title:	Datasheet for DP83TC813x-Q1		
Customer Contact:	Change Management team	Dept:	Quality Services
Change Type:	Electrical Specification		

PCN 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.



DP83TC813S-Q1, DP83TC813R-Q1
SNLS676A – MAY 2022 – REVISED DECEMBER 2025

Changes from Revision * (May 2022) to Revision A (December 2025) Page

• Updated Pin 22 description to include programming settings for RX_DV and CRS_DV in the <i>Pin Configuration and Functions</i> section.....	4
• Updated MDIO pin description to include link to <i>Compliance Test Modes</i> section in the <i>Pin Configuration and Functions</i> section.....	4
• Updated the CLKOUT frequency to be 50MHz in RMI Follower mode in the <i>Pin Configuration and Functions</i> section.....	4
• Updated Pin 9 and Pin 21 pin descriptions and package label in the <i>Pin Configuration and Functions</i> section	4
• Added line to CLKOUT/GPIO2 description about which registers to program to disable switching in the <i>Pin Configuration and Functions</i> section.....	4
• Removed supply ramp delay offset for all supplies in the <i>Timing Requirements</i> section.....	17
• Updated the <i>Power-Up Timing</i> figure in the <i>Timing Diagrams</i> section.....	26
• Added corrections to the TDR description and deleted Register 0x310, Bit 8 in the <i>Time Domain Reflectometry</i> section.....	35
• Updated and corrected order of register writes for packet generation in the BIST and Loopback Modes section.....	37
• Clarified register reads for checking incoming data on the MAC side.....	39
• Updated 100BASE-T1 Leader and 100BASE-T1 Follower Configuration.....	48
• Added corrections to the RGMII Transmit Encoding table for Normal Data Transmission and Transmit Error Propagation.....	52
• Updated Bootstraps: RX_DV pin number; corrected to 22.....	58
• Updated PHY Address Bootstraps: Binary values corrected to match hex settings	58
• Added corrections to the <i>LED Configuration</i> section and LED pin description.....	61
• Clarified and updated Bit Descriptions throughout the <i>Registers</i>	62
• Added clarification to Register 0x1834 Bit Description.....	62
• Updated RMI Follower typical application diagram for correct XI configuration in the <i>Typical Applications</i> section.....	162
• Updated RGMII Typical Application diagram to include 25MHz input in the <i>Power Supply Recommendations</i> section.....	169

The datasheet number will be changing.

Device Family	Change From:	Change To:
DP83TC813x-Q1	SNLS676	SNLS676A

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/DP83TC813S-Q1>

Reason for Change:			
To accurately reflect device characteristics.			
Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):			
No anticipated impact.			
Changes to product identification resulting from this PCN:			
None.			
Product Affected:			
DP83TC813RRHFRQ1	DP83TC813RRHFTQ1	DP83TC813SRHFRQ1	DP83TC813SRHFTQ1
PDP83TC813RRHFTQ1			

ZVEI ID: SEM-DS-02

For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.

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) 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.