



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 202100128002
Datasheet for TMS320F2803x
Information Only**

Date: January 29, 2021
To: TOKYO ELECTRON DEVICE (DSTR) 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 sixty (60) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
TMS320F28035RSHS	null
TMS320F28032PAGT	null
TMS320F28035PNS	null
TMS320F28034PNT	null
TMS320F28035PNT	null
TMS320F28030PAGQ	null
TMS320F28034PAGQ	null
TMS320F28034PNQ	null
TMS320F28035PAGT	null

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

Notification Number:	202100128002	Notification Date:	Jan. 29, 2021
Title:	Datasheet for TMS320F2803x		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:	Electrical Specification		

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.



**TMS320F28030, TMS320F28031, TMS320F28032
TMS320F28033, TMS320F28034, TMS320F28035**

SPRS584N – APRIL 2009 – REVISED JUNE 2020

Changes from January 8, 2019 to June 24, 2020 (from M Revision (January 2019) to N Revision)	Page
• Global: Changed "emulator" to "JTAG debug probe".	1
• Section 1.2 (Applications): Updated section.	2
• Section 5.1 (Absolute Maximum Ratings): Changed "Input clamp current" condition from "Digital input (per pin), ..." to "Digital/analog input (per pin), ...".	22
• Section 5.1: Updated footnote about continuous clamp current.	22
• Section 5.1: Updated "Long-term high-temperature storage ..." footnote.	22
• Section 5.3 (ESD Ratings – Commercial): Added "ANSI/ESDA/JEDEC JS-002" to Charged-device model (CDM).	23
• Section 5.5.1 (Reducing Current Consumption): Updated list of methods for reducing power consumption.	25
• Figure 6-11 (CPU Watchdog Module): Added SCSR(WDOVERRIDE).	69
• Table 6-37 (SPI Master Mode External Timing (Clock Phase = 0)): Updated MIN values of Parameter 23, $t_{d(SPC)M}$.	98
• Table 6-38 (SPI Master Mode External Timing (Clock Phase = 1)): Updated MIN values of Parameter 23, $t_{d(SPC)M}$.	99
• Figure 6-33 (Serial Communications Interface (SCI) Module Block Diagram): Updated figure.	105
• Section 7.1 (TI Reference Design): Changed section title from "TI Design or Reference Design" to "TI Reference Design". Updated section.	145
• Section 8 (Device and Documentation Support): Removed "Getting Started" section. See the Applications section and the Related Links table.	146
• Section 8: Changed "Community Resources" section to "Support Resources" section. Updated section.	146
• Section 8.2 (Tools and Software): Updated section.	147
• Section 8.3 (Documentation Support): Updated section.	149

The datasheet number will be changing.

Device Family	Change From:	Change To:
TMS320F2803x	SPRS584M	SPRS584N

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TMS320F28030>

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:			
KLITE32PAGQR	TMS320F28031PNS	TMS320F28033PNQ	TMS320F28034RSHT
SG00782PNT	TMS320F28031PNT	TMS320F28033PNS	TMS320F28035NBPAGS
SMDY28034PAGT	TMS320F28031RSHS	TMS320F28033PNT	TMS320F28035NBPAGT
TMS320F28030PAGQ	TMS320F28032PAGQ	TMS320F28033RSHS	TMS320F28035PAGQ
TMS320F28030PAGS	TMS320F28032PAGS	TMS320F28033RSHT	TMS320F28035PAGS
TMS320F28030PAGT	TMS320F28032PAGT	TMS320F28034PAGQ	TMS320F28035PAGT
TMS320F28030PNQ	TMS320F28032PNQ	TMS320F28034PAGQ R	TMS320F28035PAGTR
TMS320F28030PNS	TMS320F28032PNS	TMS320F28034PAGS	TMS320F28035PNQ
TMS320F28030PNT	TMS320F28032PNT	TMS320F28034PAGT	TMS320F28035PNQR
TMS320F28030RSHS	TMS320F28032RSHS	TMS320F28034PNQ	TMS320F28035PNS
TMS320F28030RSHT	TMS320F28032RSHT	TMS320F28034PNS	TMS320F28035PNT
TMS320F28031PAGQ	TMS320F28033P1PAGS	TMS320F28034PNT	TMS320F28035PNTR
TMS320F28031PAGS	TMS320F28033PAGQ	TMS320F28034PNTR	TMS320F28035RSHS
TMS320F28031PAGT	TMS320F28033PAGS	TMS320F28034RSHS	TMS320F28035RSHT
TMS320F28031PNQ	TMS320F28033PAGT		

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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