

Notification Number:	20200825001	Notification Date:	Aug. 28, 2020
Title:	Datasheet for TMS320F28027, TMS320F28027F, TMS320F28026, TMS320F28026F, TMS320F28023, TMS320F28022, TMS320F28021, TMS320F28020, TMS320F280200		
Customer Contact:	Notification Manager	Dept:	Quality Services

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.



**TMS320F28027, TMS320F28027F, TMS320F28026, TMS320F28026F, TMS320F28023
TMS320F28022, TMS320F28021, TMS320F28020, TMS320F280200**

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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.	1
• Section 5.1 (Absolute Maximum Ratings): Changed "Input clamp current" condition from "Digital input (per pin), ..." to "Digital/analog input (per pin), ...".	16
• Section 5.1: Updated footnote about continuous clamp current.	16
• Section 5.1: Updated "Long-term high-temperature storage ..." footnote.	16
• Section 5.3 (ESD Ratings – Commercial): Added "ANSI/ESDA/JEDEC JS-002" to Charged-device model (CDM)...	17
• Section 5.5.1 (Reducing Current Consumption): Updated list of methods for reducing power consumption.	21
• Figure 6-12 (CPU Watchdog Module): Added SCSR(WDOVERRIDE).	64
• Table 6-33 (SPI Master Mode External Timing (Clock Phase = 0)): Updated MIN values of Parameter 23, $t_{d(SPC)M}$.	90
• Table 6-34 (SPI Master Mode External Timing (Clock Phase = 1)): Updated MIN values of Parameter 23, $t_{d(SPC)M}$.	91
• Figure 6-33 (Serial Communications Interface (SCI) Module Block Diagram): Updated figure.	97
• Section 7.1 (TI Reference Design): Changed section title from "TI Design or Reference Design" to "TI Reference Design". Updated section.	123
• Section 8 (Device and Documentation Support): Removed "Getting Started" section. See the Applications section and the Related Links table.	124
• Section 8: Changed "Community Resources" section to "Support Resources" section. Updated section.	124
• Section 8.2 (Tools and Software): Updated section.	125
• Section 8.3 (Documentation Support): Updated section.	127
• Section 8.4 (Related Links): Updated section.	128

The datasheet number will be changing.

Device Family	Change From:	Change To:
TMS320F28027, TMS320F28027F, TMS320F28026, TMS320F28026F, TMS320F28023, TMS320F28022, TMS320F28021, TMS320F28020, TMS320F280200	SPRS523M	SPRS523N

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TMS320F28027>

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:

KLITE23PTQR	TMS320F28021PTT	TMS320F28023PTQ	TMS320F28027DAQ	
SDJESC2000PTT	TMS320F28022DAQ	TMS320F28023PTS	TMS320F28027DAS	
TMS320F280200DAS	TMS320F28022DAQR	TMS320F28023PTT	TMS320F28027DASR	
TMS320F280200DAT	TMS320F28022DAS	TMS320F28026DAQ	TMS320F28027DAT	
TMS320F280200PTT	TMS320F28022DAT	TMS320F28026DAS	TMS320F28027DATR	
TMS320F28020DAS	TMS320F28022PTQ	TMS320F28026DAT	TMS320F28027FPTQ	
TMS320F28020DAT	TMS320F28022PTS	TMS320F28026FPTQ	TMS320F28027FPTT	
TMS320F28020PTS	TMS320F28022PTT	TMS320F28026FPTT	TMS320F28027PTQ	
TMS320F28020PTT	TMS320F28023DAQ	TMS320F28026PTQ	TMS320F28027PTQR	
TMS320F28021DAS	TMS320F28023DAS	TMS320F28026PTS	TMS320F28027PTR	
TMS320F28021DAT	TMS320F28023DAT	TMS320F28026PTT	TMS320F28027PTS	
TMS320F28021PTS	TMS320F28027PTT			

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