

Notification Number:	20200803001	Notification Date:	Aug. 28, 2020
Title:	Datasheet for TMS320F2805x		
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.



[TMS320F28055](#), [TMS320F28054](#), [TMS320F28054M](#), [TMS320F28054F](#)
[TMS320F28053](#), [TMS320F28052](#), [TMS320F28052M](#), [TMS320F28052F](#)
[TMS320F28051](#), [TMS320F28050](#)

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Changes from October 26, 2018 to June 24, 2020 (from C Revision (October 2018) to D Revision)	Page
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• Global: Changed "emulator" to "JTAG debug probe".....	1
• Section 1.1 (Features): Changed "Advanced emulation features" to "Advanced debug features".	1
• Section 1.2 (Applications): Updated section.	2
• Section 1.3 (Description): Updated section.	2
• Device Information: Added TMS320F28050PN.....	2
• Table 3-1 (Device Comparison): Updated footnote about TMS320F2805xM and TMS320F2805xF devices.....	6
• Section 5.2 (ESD Ratings – Commercial): Added table.....	18
• Section 5.3 (ESD Ratings – Automotive): Changed title from "ESD Ratings" to "ESD Ratings – Automotive".	18
• Section 5.5.1 (Reducing Current Consumption): Updated list of methods for reducing power consumption.	21
• Section 5.6 (Electrical Characteristics): Updated I_{L} and I_{IH}	23
• Figure 6-11 (CPU-watchdog Module): Added SCSR(WDOVERRIDE).....	66
• Table 6-48 (SPI Master Mode External Timing (Clock Phase = 0)): Updated MIN values of Parameter 23, $t_{d(SPC)M}$. ..	98
• Table 6-49 (SPI Master Mode External Timing (Clock Phase = 1)): Updated MIN values of Parameter 23, $t_{d(SPC)M}$. ..	99
• Figure 6-33 (SCI Module Block Diagram): Updated figure.	104
• Section 7.1 (TI Reference Design): Changed section title from "TI Design or Reference Design" to "TI Reference Design". Updated section.	139
• Section 8 (Device and Documentation Support): Changed "Community Resources" section to "Support Resources" section. Updated section.	140
• Section 8.3 (Tools and Software): Updated section.	141
• Section 8.4 (Documentation Support): Updated section.	143
• Section 8.5 (Related Links): Updated section.	144

The datasheet number will be changing.

Device Family	Change From:	Change To:
TMS320F28055, TMS320F28054, TMS320F28054M, TMS320F28054F TMS320F28053, TMS320F28052, TMS320F28052M, TMS320F28052F TMS320F28051, TMS320F28050	SPRS797C	SPRS797D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TMS320F28055>

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:

TMS320F28050PNS	TMS320F28051PNS	TMS320F28051PNT	TMS320F28052FPNQ
TMS320F28052FPNT	TMS320F28052MPNQ	TMS320F28052MPNT	TMS320F28052PNQ
TMS320F28052PNS	TMS320F28052PNT	TMS320F28053PNS	TMS320F28054FPNQ
TMS320F28054FPNS	TMS320F28054FPNT	TMS320F28054MPNQ	TMS320F28054MPNT
TMS320F28054PNQ	TMS320F28055PNS	TMS320F28055PNT	

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