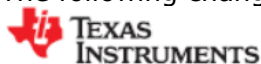


PCN Number:	20180409000	PCN Date:	April 17, 2018
Title:	Datasheet for TMS320F28075		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	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.



TMS320F28075

SPRS902E –OCTOBER 2014–REVISED MARCH 2018

Changes from July 25, 2017 to March 14, 2018 (from D Revision (July 2017) to E Revision) Page

• Global: Globally removed TMS320F28076.	1
• Section 1.1 (Features): Added "Unique Identification Number" feature.	1
• Section 1.1: Added "Configurable Logic Block (CLB)" feature.	1
• Table 5-1 (Device Current Consumption at 120-MHz SYSCLK): Changed "Operational (RAM)" to "Operational". Updated I _{DD} MAX values. Added footnote about brownout events.	37
• Section 5.5 (Electrical Characteristics): Added V _{HYSTERESIS}	42
• Table 5-12 (PLL Lock Times): Updated footnote.	49
• Table 5-21 (Flash Parameters): Changed "Erase Time at 50k cycles" to "Erase Time at 20k cycles".	54
• Section 5.8 (Analog Peripherals): Updated list of analog subsystem features.	79
• Section 5.8.1.1 (ADC Configurability): Added section.	83
• Section 5.8.1.2.2 (ADC Timing Diagrams): Updated section.	88
• Table 5-48 (ADC Timing Parameters): Added table.	88
• Figure 5-45 (ePWM Submodules and Critical Internal Signal Interconnects): Updated figure.	104
• Section 5.10.2.1 (I2C Electrical Data and Timing): Added NOTE about meeting I2C protocol timing specifications.	120
• Table 5-69 (McBSP as SPI Master or Slave Switching Characteristics (CLKSTP = 10b, CLKXP = 0)): Updated table title.	126
• Table 5-71 (McBSP as SPI Master or Slave Switching Characteristics (CLKSTP = 11b, CLKXP = 0)): Updated table title.	127
• Table 5-73 (McBSP as SPI Master or Slave Switching Characteristics (CLKSTP = 10b, CLKXP = 1)): Updated table title.	128
• Table 5-75 (McBSP as SPI Master or Slave Switching Characteristics (CLKSTP = 11b, CLKXP = 1)): Updated table title.	129
• Section 5.10.6 (Universal Serial Bus (USB) Controller): Updated list of USB module features.	146
• Table 6-7 (Device Identification Registers): Changed UID_UNIQUE from "0x0007 03C0" to "0x0007 03CC".	157
• Figure 6-4 (Windowed Watchdog): Updated figure.	167
• Section 8.2 (Tools and Software): Added "Models" section.	170
• Section 8.3 (Documentation Support): Updated section.	172

The datasheet number will be changing.

Device Family	Change From:	Change To:
TMS320F28075	SPRS902D	SPRS902E

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TMS320F28075>

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 PCN:

None.

Product Affected:			
TMS320F28075PTPQ	TMS320F28075PTPS	TMS320F28075PTPT	TMS320F28075PZPQ
TMS320F28075PZPS	TMS320F28075PZPT		

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

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