

<b>Notification Number:</b>	20200211001	<b>PCN Date:</b>	March 12, 2020
<b>Title:</b>	Datasheet for MSP430FR2676, MSP430FR2675		
<b>Customer Contact:</b>	PCN Manager	<b>Dept:</b>	Quality Services
<b>Change Type:</b>			
<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.



**MSP430FR2676, MSP430FR2675**

SLASE05B – MARCH 2019 – REVISED DECEMBER 2019

Changes from April 26, 2019 to December 10, 2019

Page

• Updated <a href="#">Section 1.1, Features</a> .....	<a href="#">1</a>
• Changed the note that begins "Supply voltage changes faster than 0.2 V/μs can trigger a BOR reset..." in <a href="#">Section 5.3, Recommended Operating Conditions</a> .....	<a href="#">22</a>
• Added the note that begins "TI recommends that power to the DVCC pin must not exceed the limits..." in <a href="#">Section 5.3, Recommended Operating Conditions</a> .....	<a href="#">22</a>
• Changed the note that begins "A capacitor tolerance of ±20% or better is required..." in <a href="#">Section 5.3, Recommended Operating Conditions</a> .....	<a href="#">22</a>
• Added the note "See <a href="#">MSP430 32-kHz Crystal Oscillators</a> for details on crystal section, layout, and testing" to <a href="#">Table 5-4, XT1 Crystal Oscillator (Low Frequency)</a> .....	<a href="#">30</a>
• Changed the note that begins "Requires external capacitors at both terminals..." in <a href="#">Table 5-4, XT1 Crystal Oscillator (Low Frequency)</a> .....	<a href="#">30</a>
• Added the $t_{TA, cap}$ parameter in <a href="#">Table 5-13, Timer_A</a> .....	<a href="#">37</a>
• Added the $t_{TB, cap}$ parameter in <a href="#">Table 5-14, Timer_B</a> .....	<a href="#">37</a>
• Corrected the test conditions for the $R_I$ parameter in <a href="#">Table 5-21, ADC, Power Supply and Input Range Conditions</a> .....	<a href="#">44</a>
• Added the note that begins " $t_{sample} = \ln(2^{n+1}) \times \tau$ ..." in <a href="#">Table 5-22, ADC, Timing Parameters</a> .....	<a href="#">44</a>
• Changed the symbol and description of the $DC_{CAPCLK}$ parameter in <a href="#">Table 5-25, CapTivate Electrical Characteristics</a> .....	<a href="#">47</a>
• Changed CRC covered end address to 0x1AF7 in table note (1) in <a href="#">Table 6-30, Device Descriptors</a> .....	<a href="#">76</a>

The datasheet number will be changing.

Device Family	Change From:	Change To:
MSP430FR2676, MSP430FR2675	SLASE05A	SLASE05B

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/produ/MSP430FR2675>

#### 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:

MSP430FR2675TPT	MSP430FR2675TPTR	MSP430FR2675TRHAR	MSP430FR2675TRHAT
MSP430FR2675TRHBR	MSP430FR2675TRHBT	MSP430FR2676TPT	MSP430FR2676TPTR
MSP430FR2676TRHAR	MSP430FR2676TRHAT	MSP430FR2676TRHBR	MSP430FR2676TRHBT

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

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