

<b>PCN Number:</b>	20180917003	<b>PCN Date:</b>	September 17, 2018
<b>Title:</b>	Datasheet for MSP430FR6820-MSP430FR69721 and MSP430FR5870- MSP430FR59721		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<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.



MSP430FR6972, MSP430FR69721, MSP430FR6970, MSP430FR6872  
MSP430FR68721, MSP430FR6870, MSP430FR6922, MSP430FR69221  
MSP430FR6920, MSP430FR6822, MSP430FR68221, MSP430FR6820

SLASE23E – JANUARY 2015 – REVISED AUGUST 2018



MSP430FR5972, MSP430FR59721, MSP430FR5970, MSP430FR5922, MSP430FR59221  
MSP430FR5872, MSP430FR5870, MSP430FR5870

SLASE66C – APRIL 2015 – REVISED AUGUST 2018

#### Changes from January 25, 2017 to August 30, 2018

- Updated [Section 3.1, Related Products](#) .....
- Added note (1) to [Table 5-2, SVS](#).....
- Changed capacitor value from 4.7  $\mu$ F to 470 nF in [Figure 7-5, ADC12\\_B Grounding and Noise Considerations](#) ...
- Changed capacitor value from 4.7  $\mu$ F to 470 nF in the last paragraph of [Section 7.2.1.2, Design Requirements](#) ..
- Updated text and figure in [Section 8.2, Device Nomenclature](#) .....

The datasheet number will be changing.

Device Family	Change From:	Change To:
MSP430FR6820-MSP430FR69721	SLASE23D	SLASE23E
MSP430FR5870- MSP430FR59721	SLASE66B	SLASE66C

These changes may be reviewed at the datasheet links provided.

- <http://www.ti.com/product/MSP430FR6820>  
<http://www.ti.com/product/MSP430FR5870>

#### 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:

MSP430FR5870IPMR	MSP430FR59721IPM	MSP430FR6870IPMR	MSP430FR6922IG56
MSP430FR5870IRGCR	MSP430FR59721IPMR	MSP430FR6870IRGCR	MSP430FR6922IG56R
MSP430FR58721IPMR	MSP430FR59721IRGCR	MSP430FR68721IPMR	MSP430FR6922IPM
MSP430FR58721IRGCR	MSP430FR59721IPM	MSP430FR68721IRGCR	MSP430FR6922IPMR
MSP430FR5872IPMR	MSP430FR5972IPMR	MSP430FR6872IPMR	MSP430FR6922IRGCR
MSP430FR5872IRGCR	MSP430FR5972IRGCR	MSP430FR6872IRGCR	MSP430FR6922IRGCT
MSP430FR59221IG56R	MSP430FR6820IG56R	MSP430FR6920IG56R	MSP430FR6970IPMR

MSP430FR59221IPMR	MSP430FR6820IPMR	MSP430FR6920IPMR	MSP430FR6970IRGCR
MSP430FR59221IRGCR	MSP430FR6820IRGCR	MSP430FR6920IRGCR	MSP430FR69721IPM
MSP430FR5922IG56R	MSP430FR68221IG56R	MSP430FR69221IG56	MSP430FR69721IPMR
MSP430FR5922IPM	MSP430FR68221IPMR	MSP430FR69221IG56R	MSP430FR69721IRGCR
MSP430FR5922IPMR	MSP430FR68221IRGCR	MSP430FR69221IPM	MSP430FR69721IRGCT
MSP430FR5922IRGCR	MSP430FR6822IG56R	MSP430FR69221IPMR	MSP430FR6972IPM
MSP430FR5970IPMR	MSP430FR6822IPMR	MSP430FR69221IRGCR	MSP430FR6972IPMR
MSP430FR5970IRGCR	MSP430FR6822IRGCR	MSP430FR69221IRGCT	MSP430FR6972IRGCR
MSP430FR6972IRGCT			

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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