

Notification# 20180917004
Datasheet for MSP430FR5986-MSP430FR69891 and
MSP430FR69271- MSP430FR69791 and
MSP430FR5887- MSP430FR68891 and
MSP430FR6879, MSP430FR68791, MSP430FR6877
Information Only

Date: September 17, 2018
To: Newark/Farnell PCN

Dear Customer:

This is an information-only announcement of a change to the datasheet for a device that is currently offered by Texas Instruments.

The changes discussed within this notification are for your information only.

Any negotiated alternative change requirements will be provided via the customer's defined process. Customers with previously negotiated, special requirements will be handled separately. Any inquiries should be directed to your local Field Sales Representative.

For questions regarding this notice, contact your local Field Sales Representative or the PCN Manager (PCN_ww_admin_team@list.ti.com).

Sincerely,

PCN Team
SC Business Services

Information Only Attachments

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
MSP430FR6989IPZ	null


Technical details of this Product Change follow on the next page(s).

PCN Number:	20180917004	PCN Date:	September 17, 2018
Title:	Datasheet for MSP430FR5986-MSP430FR6989, MSP430FR69271- MSP430FR69791 MSP430FR5887- MSP430FR68891,MSP430FR6879, MSP430FR68791, MSP430FR6877		
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.

 **TEXAS INSTRUMENTS** MSP430FR6989, MSP430FR69891, MSP430FR6988, MSP430FR6987
MSP430FR5989, MSP430FR59891, MSP430FR5988, MSP430FR5987, MSP430FR5986
SLAS789D – JUNE 2014 – REVISED AUGUST 2018

 **TEXAS INSTRUMENTS** MSP430FR6979, MSP430FR69791, MSP430FR6977
MSP430FR6928, MSP430FR6927, MSP430FR69271
SLAS797C – AUGUST 2014 – REVISED AUGUST 2018

 **TEXAS INSTRUMENTS** MSP430FR6889, MSP430FR68891, MSP430FR6888, MSP430FR6887
MSP430FR5889, MSP430FR58891, MSP430FR5888, MSP430FR5887
SLASE32C – AUGUST 2014 – REVISED AUGUST 2018

 **TEXAS INSTRUMENTS** MSP430FR6879, MSP430FR68791, MSP430FR6877
SLASE33C – AUGUST 2014 – REVISED AUGUST 2018

Changes from March 10, 2017 to August 29, 2018

- Updated [Section 3.1, Related Products](#)
- Added note (1) to [Table 5-2, SVS](#).....
- Changed capacitor value from 4.7 μ F to 470 nF in [Figure 7-5, ADC12_B Grounding and Noise Considerations](#) ...
- Changed capacitor value from 4.7 μ 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:
MSP430FR5986-MSP430FR69891	SLAS789C	SLAS789D
MSP430FR69271- MSP430FR69791	SLAS797B	SLAS797C
MSP430FR5887- MSP430FR68891	SLASE32B	SLASE32C
MSP430FR6879, MSP430FR68791, MSP430FR6877	SLASE33B	SLASE33C

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/MSP430FR5986>
<http://www.ti.com/product/MSP430FR69271>
<http://www.ti.com/product/MSP430FR5887>
<http://www.ti.com/product/MSP430FR6877>

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:

MSP430FR5887IPM	MSP430FR59891IRGCR	MSP430FR68891IPNR	MSP430FR6979IPZ
MSP430FR5887IPMR	MSP430FR59891IRGCT	MSP430FR68891IPZ	MSP430FR6979IPZR
MSP430FR5887IRGCR	MSP430FR5989IPM	MSP430FR68891IPZR	MSP430FR6987IPN
MSP430FR5887IRGCT	MSP430FR5989IPMR	MSP430FR6889IPN	MSP430FR6987IPNR
MSP430FR5888IPM	MSP430FR5989IRGCR	MSP430FR6889IPNR	MSP430FR6987IPZ
MSP430FR5888IPMR	MSP430FR5989IRGCT	MSP430FR6889IPZ	MSP430FR6987IPZR
MSP430FR5888IRGCR	MSP430FR6877IPN	MSP430FR6889IPZR	MSP430FR6988IPN
MSP430FR5888IRGCT	MSP430FR6877IPNR	MSP430FR69271IPM	MSP430FR6988IPNR
MSP430FR58891IPM	MSP430FR6877IPZ	MSP430FR69271IPMR	MSP430FR6988IPZ
MSP430FR58891IPMR	MSP430FR6877IPZR	MSP430FR69271IRGCR	MSP430FR6988IPZR
MSP430FR58891IRGCR	MSP430FR68791IPN	MSP430FR69271IRGCT	MSP430FR69891IPN
MSP430FR58891IPM	MSP430FR68791IPNR	MSP430FR6927IPM	MSP430FR69891IPNR
MSP430FR58891IPMR	MSP430FR68791IPZ	MSP430FR6927IPMR	MSP430FR69891IPZ
MSP430FR58891IRGCR	MSP430FR68791IPZR	MSP430FR6927IRGCR	MSP430FR69891IPZR
MSP430FR58891IRGCT	MSP430FR6879IPN	MSP430FR6927IRGCT	MSP430FR6989IPN
MSP430FR5986IPM	MSP430FR6879IPNR	MSP430FR6928IPM	MSP430FR6989IPNR
MSP430FR5986IPMR	MSP430FR6879IPZ	MSP430FR6928IPMR	MSP430FR6989IPZ
MSP430FR5987IPM	MSP430FR6879IPZR	MSP430FR6977IPN	MSP430FR6989IPZR
MSP430FR5987IPMR	MSP430FR6887IPN	MSP430FR6977IPNR	
MSP430FR5987IRGCR	MSP430FR6887IPNR	MSP430FR6977IPZ	
MSP430FR5987IRGCT	MSP430FR6887IPZ	MSP430FR6977IPZR	
MSP430FR5988IPM	MSP430FR6887IPZR	MSP430FR69791IPN	
MSP430FR5988IPMR	MSP430FR6888IPN	MSP430FR69791IPNR	
MSP430FR5988IRGCR	MSP430FR6888IPNR	MSP430FR69791IPZ	
MSP430FR5988IRGCT	MSP430FR6888IPZ	MSP430FR69791IPZR	
MSP430FR59891IPM	MSP430FR6888IPZR	MSP430FR6979IPN	

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

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
Japan	PCNJapanContact@list.ti.com