PCN# 20220404001.1
Datasheet for MSP430F15x, MSP430F16x, MSP430F161x

Date: April 13, 2022
To: PREMIER FARNELL PCN

Dear Customer:

This is a notice of change to a product data sheet for a device that is currently offered by Texas Instruments. The details of this change are on the following pages.

We request you acknowledge receipt of this notification within **30** days of the date of this notice.

The proposed first ship date is indicated on page 3 of this notification, unless customer agreement has been reached on an earlier implementation of the change.

This notice does not change the end-of-life status of any product. Should product affected be on a previously issued product withdrawal/discontinuance notice, this notification does not extend the life of that product or change the life time buy offering/discontinuance plan.

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

Sincerely,

PCN Team
SC Business Services

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
MSP430F1611IPM	null
MSP430F157IPM	null

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

PCN Number:	20220404001.1	PCN Date:	April 13, 2022
Title:	Datasheet for MSP430F15x, MSP430F16x, MSP430F161x		
Customer Contact:	Notification Manager	**Dept:**	Quality Services
Proposed 1st Ship Date:	July 13, 2022		

Change Type:	Electrical Specification

PCN Details

Description of Change:

Texas Instruments Incorporated is announcing a change.
The product datasheet(s) is being updated as summarized below.
The following change history provides further details.

Manual Update Sheet

Corrections to MSP430F15x, MSP430F16x, MSP430F161x Data Sheet (SLAS368G)

TEXAS INSTRUMENTS

Document Being Updated: *MSP430F15x, MSP430F16x, MSP430F161x Mixed Signal Microcontrollers*

Literature Number Being Updated: SLAS368G

Page	Change or Add
42	In the 12-bit ADC timing parameters table, the $f_{ADC12CLK}$ MAX parameter and $f_{ADC12OSC}$ MAX parameter should both be changed to 7 MHz.
42	In the 12-bit ADC timing paramters table, the $t_{CONVERT}$ MIN parameter should be changed from 2.06 µs to 1.86 µs, and the $f_{ADC12OSC}$ test condition should be changed from "3.7 MHz to 6.3 MHz" to "3.7 MHz to 7 MHz".
42	In the 12-bit ADC timing paramters table, the $t_{CONVERT}$ TYP parameter in the second row should remove ADC12DIV from the formula, so that it is $13 \times 1/f_{ADC12CLK}$.

The datasheet number will be changing.

Device Family	Change From:	Change To:
MSP430F15x, MSP430F16x, MSP430F161x	SLAS368F	SLAS368G

These changes may be reviewed at the datasheet links provided.

http://www.ti.com/product/MSP430F155IPM

Reason for Change:

To accurately reflect device characteristics.

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

No anticipated impact. Electrical specification performance changes as indicated above.

Changes to product identification resulting from this notification:

None.

Product Affected:

MSP430F155IPM	MSP430F155IPMR	MSP430F155IRTDR	MSP430F155IRTDT	
MSP430F156IPM	MSP430F156IPMR	MSP430F156IRTDR	MSP430F156IRTDT	
MSP430F157IPM	MSP430F157IPMR	MSP430F157IRTDT	MSP430F1610IPM	
MSP430F1610IPMR	MSP430F1610IRTDR	MSP430F1610IRTDT	MSP430F1611IPM	
MSP430F1611IPMR	MSP430F1611IRTDR	MSP430F1611IRTDT	MSP430F1612IPM	
MSP430F1612IPMR	MSP430F1612IRTDR	MSP430F1612IRTDT	MSP430F167IPM	

MSP430F167IPMR	MSP430F167IRTDT	MSP430F168IPM	MSP430F168IPMR	
MSP430F168IRTDT	MSP430F169IPM	MSP430F169IPMR	MSP430F169IRTDR	
MSP430F169IRTDT				

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
WW Change Management Team	PCN_ww_admin_team@list.ti.com

IMPORTANT NOTICE AND DISCLAIMER