



**12500 TI Boulevard, MS 8640, Dallas, Texas 75243**

**Notification# 20200810001  
Datasheet for SN1710796  
Information Only**

**Date:** August 12, 2020

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 team ([PCN\\_ww\\_admin\\_team@list.ti.com](mailto: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.

<b>DEVICE</b>	<b>CUSTOMER PART NUMBER</b>
PSN1710796IABJ	39170104
SN1710796IABJ	39170104

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

<b>Notification Number:</b>	20200810001	<b>Notification Date:</b>	Aug. 12, 2020
<b>Title:</b>	Datasheet for SN1710796		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Dept:</b>	Quality Services
<b>Change Type:</b>	Electrical Specification		

## 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.



**SN1710796**

SLASEP1C – NOVEMBER 2018 – REVISED AUGUST 2020

Changes from Revision B (February 2019) to Revision C (July 2020)	Page
• Updated the Features section.....	1
• Updated the numbering format for tables, figures, and cross-references throughout the document. ....	1
• Changed Functional Block Diagram.....	2
• Added content to the <i>Description</i> section.....	5
• Changed SN1710796 FB paths from: 1 to: 2.....	5
• Changed SN1710796 RF PLL from: 2 to: 4.....	5
• Updated graphs in the <i>RX Typical Characteristics</i> section.....	23
• Updated graphs in the <i>FB Typical Characteristics</i> section.....	58
• Changed <i>Receiver Chain</i> section.....	70
• Changed ADC Sampling Rate from: $f_{ADC} = 2949.12$ MHz to: $f_{ADC} = 48X, 54X$ .....	73
• Added rows to <a href="#">Table 10-5</a> .....	73
• Added column to <a href="#">Table 10-10</a> .....	79
• Added 3317.76 MHz sample rate for the 2 IQ DAC.....	83
• Changed 1 Feedback (FB) chain to 2 in <i>Feedback Chains</i> section.....	91
• Added 3317.75 MHz sample rate for the 14-bit RF ADC .....	92
• Added content to <i>RF LO Distribution Chain</i> section.....	97
• Changed <a href="#">Figure 10-69</a> .....	97

The datasheet number will be changing.

Device Family	Change From:	Change To:
SN1710796	SLASEP1B	SLASEP1C

These changes may be reviewed in the datasheet on ti.com.

### 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 notification:

None.

### Product Affected:

SN1710796IABJ			
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For questions regarding this notice, e-mails can be sent to the contacts shown below or your local Field Sales Representative.

Location	E-Mail
USA	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
WW PCN Team	<a href="mailto:PCN_ww_admin_team@list.ti.com">PCN_ww_admin_team@list.ti.com</a>

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