



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20150910000
Datasheet update for PCM5100A
Information Only**

Dear Customer:

This is an information-only announcement of a change to 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

20150910000
Attachment: 1

Products Affected:

According to our records, there are the affected device(s) that you have purchased within the past twenty-four (24) months. Technical details of this Product Change follow on the next page(s).

Notification Number:	20150910000	Notification Date:	10/09/2015
Title:	Datasheet update for PCM5100A		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
<input type="checkbox"/> Assembly Site	<input type="checkbox"/> Design	<input type="checkbox"/> Wafer Bump Site	
<input type="checkbox"/> Assembly Process	<input checked="" type="checkbox"/> Data Sheet	<input type="checkbox"/> Wafer Bump Material	
<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Part number change	<input type="checkbox"/> Wafer Bump Process	
<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Site	<input type="checkbox"/> Wafer Fab Site	
<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Process	<input type="checkbox"/> Wafer Fab Materials	
		<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 updated as seen in the change revision history below:

PCM5100A, PCM5101A, PCM5102A
PCM5100A-Q1, PCM5101A-Q1, PCM5102A-Q1
SLAS859C – MAY 2012 – REVISED MAY 2015



www.ti.com

Changes from Revision B (January 2015) to Revision C

Page

• Changed the device number from "PCM510x" to "PCM510xA" in the <i>Simplified System Diagram</i>	1
• Changed typical performance table to reflect part differences accurately	4
• Changed "Storage temperatures, T _{stg} " to "Operating junction temperature range at –40°C to 130°C"	6
• Changed "Storage temperature (Q1 devices) –40°C to 125°C" to "Storage temperatures, T _{stg} –65°C to 150°C"	6
• Changed the stereo line output load resistance MIN value in the <i>Recommended Operating Conditions</i> from "2 kΩ" to "1 kΩ"	6
• Changed the operating junction temperature range in the <i>Recommended Operating Conditions</i> from "MIN = –25°C MAX = 85°C" to "MIN = –40°C MAX = 130°C"	6
• Added "Q1 Automotive grade devices..." and "Consumer grade (non-Q1) devices..." to the condition statement in the <i>Electrical Characteristics</i>	7
• Added "Q1 Automotive grade devices..." and "Consumer grade (non-Q1) devices..." to the condition statement in the <i>Typical Characteristics</i> graphs section	12
• Changed "MCK" to "SCK" at the PLL Clock in the <i>Functional Block Diagram</i>	14
• Added label "Mute Circuit" and ground symbols to pins DEMP and FMT in <i>Figure 33</i>	26

The datasheet number will be changing.

Device Family	Change From:	Change To:
PCM5100A	SLAS859B	SLAS859C

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/pcm5100a>

Reason for Change:

To more 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:

PCM5100APW	PCM5100ATPWRQ1	PCM5101AQPWRQ1	PCM5102APWR
PCM5100APWR	PCM5101APW	PCM5101ATPWRQ1	PCM5102AQPWRQ1
PCM5100AQPWRQ1	PCM5101APWR	PCM5102APW	

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