

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"/>	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 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.

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