

Notification Number:	20201104002	Notification Date:	Nov. 9, 2020
Title:	Datasheet for TAS5805M		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:	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.



TAS5805M

SLASEH5D – MAY 2018 – REVISED NOVEMBER 2020

Changes from Revision C (December 2018) to Revision D (November 2020)	Page
• Added note 1 to the <i>Recommended Operating Conditions</i>	7
• Added capacitive load for each bus line, C _b = 400 pf to the I2C timing parameters in the <i>Timing Requirements</i>	11
• Change the I2C BUS Timing-Standard. Data Hold Time max value from 900 ns to 3450 ns in the <i>Timing Requirements</i>	11
• Added efficiency plot and 1%/10% THD+N output power vs PVDD plot for 4-Ω load.....	12
• Added notes the <i>Hybrid Modulation</i> section.....	40
• Added <i>Speaker DC Protection, Device Over Temperature Protection, Device Over Voltage/Under Voltage Protection, and Clock Fault</i> sections.....	46

The datasheet number will be changing.

Device Family	Change From:	Change To
TAS5805M	SLASEH5C	SLASEH5D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TAS5805M>

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:

TAS5805M0PWPR	TAS5805MPWP	TAS5805MPWPR	
---------------	-------------	--------------	--

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	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
WW PCN Team	PCN_ww_admin_team@list.ti.com

IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES “AS IS” AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI's Terms of Sale (www.ti.com/legal/termsofsale.html) or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.