

<b>Notification Number:</b>	20210920003	<b>Notification Date:</b>	September 29, 2021
<b>Title:</b>	Datasheet for TMS320F2805x		
<b>Customer Contact:</b>	<a href="#">Notification Manager</a>	<b>Dept:</b>	Quality Services
<b>Change Type:</b> Electrical Specification			

**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.



**TMS320F28055, TMS320F28054, TMS320F28054M, TMS320F28054F, TMS320F28053  
TMS320F28052, TMS320F28052M, TMS320F28052F, TMS320F28051, TMS320F28050**  
SPRS797F – NOVEMBER 2012 – REVISED SEPTEMBER 2021

**Changes from February 2, 2021 to September 13, 2021 (from Revision E (February 2021) to Revision F (September 2021))**

	<b>Page</b>
• <b>Table 5-1</b> , Device Comparison: Changed "SCI" to "SCI/UART". Updated footnote about TMS320F2805xM and TMS320F2805xF. Added device numbers in Temperature options section. ....	5
• <b>Section 6.2.1</b> , Signal Descriptions: Updated DESCRIPTION of VREGENZ.....	8
• <b>Section 7.2</b> , ESD Ratings – Commercial: Updated device numbers.....	16
• <b>Section 7.3</b> , ESD Ratings – Automotive: Updated device numbers.....	16
• <b>Section 7.13.1.3</b> , Internal Zero-Pin Oscillator (INTOSC1, INTOSC2) Characteristics: Updated footnote about oscillator frequency.....	29
• <b>Section 8.1.10</b> , Security: Updated section.....	37
• <b>Figure 8-1</b> , 28055 and 28054 Memory Map: Changed "Secure Zone + ECSL" to "Secure Zone".....	45
• <b>Figure 8-2</b> , 28053 and 28052 Memory Map: Changed "Secure Zone + ECSL" to "Secure Zone".....	45
• <b>Figure 8-3</b> , 28051 Memory Map: Changed "Secure Zone + ECSL" to "Secure Zone".....	45
• <b>Figure 8-4</b> , 28050 Memory Map: Changed "Secure Zone + ECSL" to "Secure Zone".....	45
• <b>Section 10.1</b> , Getting Started: Updated reference page link.....	141
• <b>Section 10.3</b> , Tools and Software: Updated section.....	142

The datasheet number will be changing.

Device Family	Change From:	Change To:
TMS320F2805x	SPRS797E	SPRS797F

These changes may be reviewed at the datasheet links provided.

<https://www.ti.com/product/TMS320F28055>

**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:**

TMS320F28052FPNQ	TMS320F28052MPNQ	TMS320F28052PNQ	TMS320F28054FPNQ
TMS320F28054MPNQ	TMS320F28054PNQ		

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

<b>Location</b>	<b>E-Mail</b>
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 Change Management Team	<a href="mailto:PCN_ww_admin_team@list.ti.com">PCN_ww_admin_team@list.ti.com</a>

## **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](http://www.ti.com/legal/termsofsale.html)) or other applicable terms available either on [ti.com](http://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.