PCN Number:	20180913003		**PCN Date:**	September 18, 2018
Title:	Datasheet for TMS320C28341 - TMS320C28346			
Customer Contact:	PCN Manager		**Dept:**	Quality Services
Proposed 1st Ship Date:	March 18, 2019			
Change Type:				

☐	Assembly Site	☐	Design	☐	Wafer Bump Site		
☐	Assembly Process	☒	Data Sheet	☐	Wafer Bump Material		
☐	Assembly Materials	☐	Part number change	☐	Wafer Bump Process		
☐	Mechanical Specification	☐	Test Site	☐	Wafer Fab Site		
☐	Packing/Shipping/Labeling	☐	Test Process	☐	Wafer Fab Materials		
				☐	Wafer Fab Process		

Notification Details

Description of Change:

The product datasheet(s) is being updated as summarized below. The following change history provides further details.

The datasheet number will be changing.

TEXAS INSTRUMENTS

TMS320C28346, TMS320C28345, TMS320C28344
TMS320C28343, TMS320C28342, TMS320C28341

SPRS516E – MARCH 2009 – REVISED AUGUST 2018

Changes from August 6, 2012 to August 22, 2018 (from D Revision (August 2012) to E Revision)   **Page**

- **Global:** Restructured document. 1
- **Global:** Removed *Reliability Data for TMS320LF24xx and TMS320F28xx Devices Application Report*. 1
- **Global:** Replaced "CAN 2.0B" with "ISO 11898-1 (CAN 2.0B)". 1
- **Global:** Added SYS/BIOS. 1
- Section 1.1 (Features): Removed "Dynamic PLL Ratio Changes Supported" feature. 1
- Section 1.1: Updated "Package Options" feature. 1
- Section 1.1: Added "Temperature Options" feature. 1
- (Applications): Added section. 1
- Section 1.3 (Description): Added section. 2
- Section 1.3: Added Device Information table. 2
- Table 3-1 (Device Comparison): Changed title from "C2834x Hardware Features" to "Device Comparison". 7
- Table 3-1: Changed "PWM outputs" to "PWM channels". 7
- Table 3-1: Removed "Product status" row and associated footnote. 7
- Table 3-1: Removed footnote about custom secure versions of devices. 7
- Section 3.1 (Related Products): Added section. 8

The datasheet number will be changing.

Device Family	Change From:	Change To:
TMS320C28341 - TMS320C28346	SPRS516D	SPRS516E

These changes may be reviewed at the datasheet links provided.

http://www.ti.com/product/TMS320C28341

Reason for Change:

To more accurately reflect device characteristics.

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

Electrical specification performance changes as indicated above.

Changes to product identification resulting from this PCN:

None.

Product Affected:

TMS320C28341ZHHT	TMS320C28342ZFET	TMS320C28343ZFEQ	TMS320C28343ZHHT
TMS320C28344ZFET	TMS320C28345ZFET	TMS320C28345ZHHT	TMS320C28346ZFEQ
TMS320C28346ZFET			

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