PCN Number:	20180118002	**PCN Date:**	January 19, 2018
Title:	Datasheet for DRV8320, DRV8320R, DRV8323, DRV8323R		
Customer Contact:	PCN Manager	**Dept:**	Quality Services

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:

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.

TEXAS INSTRUMENTS

DRV8320, DRV8320R
DRV8323, DRV8323R

SLVSDJ3B – FEBRUARY 2017 – REVISED DECEMBER 2017

Changes from Revision A (April 2017) to Revision B **Page**

- Changed the low-power sleep mode supply current from the maximum value (20 µA) to the typical value (12 µA) in the *Features* ... 1
- Changed the *Applications* ... 1
- Changed the GAIN value from 45 kΩ to 47 kΩ in the test condition of the amplifier gain for the H/W device in the *Electrical Characteristics* table ... 14
- Deleted t_{EN_nSCS} from the *SPI Slave Mode Timing Diagram* ... 17
- Added a note to the *Synchronous 1x PWM Mode* to define *IPWM* ... 30
- Updated the *Auto Offset Calibration* section ... 43
- Updated the V_{DS} *Latched Shutdown* and V_{DS} *Automatic Retry* sections ... 47
- Updated the *Sleep Mode* section ... 49
- Changed the address listed in the title for the *Gate Drive LS Register* section to the correct register address, 0x04 ... 57
- Changed the maximum Q_g value for both trapezoidal and sinusoidal commutation the V_{VM} = 8 V example of the *Detailed Design Procedure* ... 62
- Changed I_{DRIVEP} and I_{DRIVEN} equations in the *IDRIVE Configuration* section ... 63

The datasheet number will be changing.

Device Family	Change From:	Change To:
DRV8320, DRV8320R, DRV8323, DRV8323R	SLVSDJ3A	SLVSDJ3B

These changes may be reviewed at the datasheet links provided.
http://www.ti.com/product/DRV8320

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 PCN:

None.

Product Affected:

DRV8320HRTVR	DRV8320RSRHAR	DRV8323HRTAR	DRV8323RSRGZR
DRV8320HRTVT	DRV8320RSRHAT	DRV8323HRTAT	DRV8323RSRGZT
DRV8320RHRHAR	DRV8320SRTVR	DRV8323RHRGZR	DRV8323SRTAR
DRV8320RHRHAT	DRV8320SRTVT	DRV8323RHRGZT	DRV8323SRTAT

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