



**12500 TI Boulevard, MS 8640, Dallas, Texas 75243**

**PCN# 20130722003  
DRV3204-Q1 Datasheet - CMS C1307092  
Information Only**

**Date:** 8/1/2013  
**To:** Newark/Farnell PCN

Dear Customer:

This is an information-only announcement of a change to a specification for a device that is currently offered by Texas Instruments.

This notification period is per TI's standard process. Any negotiated alternative change requirements will be provided via the customer's defined process. Customers with previously negotiated, special requirements will be handled separately. Any inquiries should be directed to your local Field Sales Representative.

For questions regarding this notice, contact your local Field Sales Representative or the PCN Manager ([PCN\\_ww\\_admin\\_team@list.ti.com](mailto:PCN_ww_admin_team@list.ti.com)).

Sincerely,

PCN Team  
SC Business Services  
Phone: +1(214) 480-6037  
Fax: +1(214) 480-6659

**20130722003**  
**Attachment: 1**

**Products Affected:**

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

| <b>DEVICE</b> | <b>CUSTOMER PART NUMBER</b> |
|---------------|-----------------------------|
| DRV3204QPHPQ1 | null                        |

Technical details of this Product Change follow on the next page(s).

|                          |                                     |                                     |                           |
|--------------------------|-------------------------------------|-------------------------------------|---------------------------|
| <b>PCN Number:</b>       | 20130722003                         | <b>PCN Date:</b>                    | 08/01/2013                |
| <b>Title:</b>            | DRV3204-Q1 Datasheet - CMS C1307092 |                                     |                           |
| <b>Customer Contact:</b> | <a href="#">PCN Manager</a>         | <b>Phone:</b>                       | +1(214) 480-6037          |
| <b>Dept:</b>             | Quality Services                    |                                     |                           |
| <b>Change Type:</b>      |                                     |                                     |                           |
| <input type="checkbox"/> | Assembly Site                       | <input type="checkbox"/>            | Assembly Process          |
| <input type="checkbox"/> | Design                              | <input checked="" type="checkbox"/> | Electrical Specification  |
| <input type="checkbox"/> | Test Site                           | <input type="checkbox"/>            | Packing/Shipping/Labeling |
| <input type="checkbox"/> | Wafer Bump Site                     | <input type="checkbox"/>            | Wafer Bump Material       |
| <input type="checkbox"/> | Wafer Fab Site                      | <input type="checkbox"/>            | Wafer Fab Materials       |
| <input type="checkbox"/> |                                     | <input type="checkbox"/>            | Assembly Materials        |
| <input type="checkbox"/> |                                     | <input type="checkbox"/>            | Mechanical Specification  |
| <input type="checkbox"/> |                                     | <input type="checkbox"/>            | Test Process              |
| <input type="checkbox"/> |                                     | <input type="checkbox"/>            | Wafer Bump Process        |
| <input type="checkbox"/> |                                     | <input type="checkbox"/>            | Wafer Fab Process         |

### PCN Details

#### Description of Change:

Texas Instruments publication SLVSBT3 has changed as described below:

Changes from A to B:

Page 1, Changed Operation VB Range in Features

Page 1, Changed Applications from automotive to include specific pump applications

Page 4, Deleted EEPROM going into the Control Logic from the *Top Block Diagram*

Page 5, Added VB3 parameter to the *SUPPLY VOLTAGE AND CURRENT* table and added corresponding table note (2)

Page 5, Changed ACE-Q100 from Grade 0 to Grade 1 in table note (1) of *SUPPLY VOLTAGE AND CURRENT*

Page 17, Changed *Charge-Pump Block Diagram* by moving line to connection by VF

Page 17, Added PDCPV to all output voltage parameters in the *Charge-Pump Electrical Characteristics* table

Page 23, Changed VGain max value to the typ value in the *Motor Current-Sense Electrical Characteristics* table

Page 25, Changed *VDD Block Diagram* by removing OC current limit and resistor to VB

Page 27, Added VBOVhys parameter to the VB Monitor table and added corresponding table note <sup>(1)</sup>

Page 27, Added VBUVhys parameter to the VB Monitor table and added corresponding table note <sup>(1)</sup>

Page 31, Changed *Application Description* image by moving connecting line between UH, UHS, and UL

|   |
|---|
| <b>Reason for Change:</b>   |
| Clarifications of the electrical characteristics and correction of the application diagram.                       |
| <b>Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):</b>                   |
| No anticipated impact. This is a specification change announcement only. There is no change to the actual device. |
| <b>Changes to product identification resulting from this PCN:</b>   |
| None  |
| <b>Product Affected:</b>  |
| DRV3204QPHPQ1   |

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>         |
| Japan           | <a href="mailto:PCNJapanContact@list.ti.com">PCNJapanContact@list.ti.com</a>       |