

| | | | |
|--------------------------|-----------------------------|-------------------------------------|---------------------|
| PCN Number: | 20170921001 | PCN Date: | September 25, 2017 |
| Title: | Datasheet for PGA411-Q1 | | |
| Customer Contact: | PCN Manager | Dept: | Quality Services |
| Change Type: | | | |
| <input type="checkbox"/> | Assembly Site | <input type="checkbox"/> | Design |
| <input type="checkbox"/> | Assembly Process | <input checked="" type="checkbox"/> | Data Sheet |
| <input type="checkbox"/> | Assembly Materials | <input type="checkbox"/> | Part number change |
| <input type="checkbox"/> | Mechanical Specification | <input type="checkbox"/> | Test Site |
| <input type="checkbox"/> | Packing/Shipping/Labeling | <input type="checkbox"/> | Test Process |
| <input type="checkbox"/> | | <input type="checkbox"/> | Wafer Bump Site |
| <input type="checkbox"/> | | <input type="checkbox"/> | Wafer Bump Material |
| <input type="checkbox"/> | | <input type="checkbox"/> | Wafer Bump Process |
| <input type="checkbox"/> | | <input type="checkbox"/> | Wafer Fab Site |
| <input type="checkbox"/> | | <input type="checkbox"/> | Wafer Fab Materials |
| <input type="checkbox"/> | | <input type="checkbox"/> | 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.



PGA411-Q1

SLASE76E – NOVEMBER 2015 – REVISED AUGUST 2017

Changes from Revision D (April 2016) to Revision E

Page

| | |
|---|----|
| • Updated data sheet text to the latest TI documentation and translation standards | 1 |
| • Changed the <i>Electrical Characteristics</i> test conditions from: $V_{IN} = 4.5$ to: $V_{IN} = 4.75$ | 8 |
| • Changed the V_{IZX} parameter and unit information | 8 |
| • Removed the common-mode voltage output parameter from the <i>Analog Front-End Characteristics</i> table | 8 |
| • Updated Figure 2 | 14 |
| • Added content to the <i>Exciter Signal Preamplifier</i> section | 20 |
| • Added content to the <i>Exciter Output Power Amplifier</i> section | 20 |
| • Updated Figure 14 and added Table 1 | 21 |
| • Added new content to the <i>Automatic Offset Correction</i> section | 26 |
| • Updated Figure 20 | 28 |
| • Changed the undervoltage threshold of the 7- V_{RMS} output-mode of operation from: 7 V to: 6 V | 35 |
| • Removed content from the <i>Exciter-Output Current Limit</i> section | 35 |
| • Added image and new content to the <i>Digital Parallel Output</i> section | 38 |
| • Added new content to the <i>ORD Clock</i> section | 40 |
| • Removed the ENFLOOPE option from the data sheet | 44 |
| • Updated DEV_CONFIG1 data split info in Table 7 | 50 |
| • Updated register description for Bit 4-3 | 64 |
| • Updated Table 41 and Table 42 | 86 |

The datasheet number will be changing.

| | | |
|---------------|--------------|------------|
| Device Family | Change From: | Change To: |
| PGA411-Q1 | SLASE76D | SLASE76E |

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/PGA411-Q1>

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: | | | |
|--------------------------|--|--|--|
| PGA411QPAPRQ1 | | | |

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 |