

<b>Notification Number:</b>	20200324003	<b>Notification Date:</b>	Mar. 27, 2020
<b>Title:</b>	Datasheet for TMP61-Q1		
<b>Customer Contact:</b>	<a href="#">Notification Manager</a>	<b>Dept:</b>	Quality Services

### 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.



**TMP61-Q1**

SNIS210D – APRIL 2019 – REVISED FEBRUARY 2020

Changes from Revision C (January 2020) to Revision D	Page
• Updated Features list .....	1
• Updated Applications list .....	1
• Updated Description .....	1
• Updated Device Comparison Table ELPG package TA support from 150 °C to 175 °C.....	4
• Added DYA package to Device Comparison Table.....	4
• Added description for Junction temperature in 'Absolute Maximum Ratings' .....	6
• Added T <sub>JMAX</sub> spec for Automotive Grade 0 to 'Absolute Maximum Ratings' .....	6
• Added I <sub>SNS</sub> spec for T <sub>A</sub> = 150 °C to 170 °C to 'Recommended Operating Conditions' .....	6
• Changed ambient temperature description to Automotive Grade 1 in 'Recommended Operating Conditions' .....	6
• Changed ambient temperature description to Automotive Grade 0 in 'Recommended Operating Conditions' .....	6
• Changed ambient temperature support for Automotive Grade 0 in from 150 °C to 170 °C.....	6
• Added 'Resistance Tolerance' Spec for T <sub>A</sub> = 150 °C to 170 °C .....	7
• Changed min spec 'Long Term Drift' for RH = 86 % from 0.1 % to -1 % .....	7
• Changed max spec 'Long Term Drift' for RH = 86 % from 0.8 % to 1 % .....	7
• Changed min spec 'Long Term Drift' for DEC package from 0.1 % to -1 % .....	7
• Added typical spec 'Long Term Drift' for DEC package .....	7
• Changed max spec 'Long Term Drift' for RH = 86 % from 1 % to 1.8 % .....	7
• Added 'Long Term Drift ' for DYA package .....	7
• Changed min spec 'Long Term Drift ' for LPG package from 0.1 % to -0.5 % .....	7
• Changed min spec 'Long Term Drift ' for LPG package from 0.1 % to -0.5 % .....	7
• Added typical spec 'Long Term for Drift' LPG package.....	7
• Changed max spec 'Long Term Drift' for RH = 86 % from 1.1 % to 1.4 %.....	7
• Added 'Long Term Drift' Spec for ELPG package.....	7
• Added Automotive Grade 0 typical characteristic curves .....	8
• Updated Overview section.....	11
• Added TMP61-Q1 R-T Table section .....	12
• Updated Feature Description section .....	12
• Removed Transfer Tables .....	12
• Updated Application and implementation section to match TI datasheet standards.....	13
• Added link to Thermistor Design tool .....	14
• Removed Thermal Compensation section .....	16

The datasheet number will be changing.

Device Family	Change From:	Change To:
TMP61-Q1	SNIS210C	SNIS210D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TMP61-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 notification:**

None.

**Product Affected:**

PTMP6131QDYATQ1	TMP6131ELPGMQ1	TMP6131QDECRQ1	TMP6131QDECTQ1
TMP6131QLPGMQ1			

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

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