


<b>Notification Number:</b>	20230531005.0	<b>Notification Date:</b>	June 06, 2023																																
<b>Title:</b>	Datasheet for TMP1826																																		
<b>Customer Contact:</b>	<a href="#">Notification Manager</a>	<b>Dept:</b>	Quality Services																																
<b>Change Type:</b> Electrical Specification																																			
<b>Description of Change:</b>																																			
<p>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.</p>																																			
<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> <b>TMP1826</b>  SBOSA45C – FEBRUARY 2022 – REVISED MAY 2023 </div> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Changes from Revision B (December 2022) to Revision C (May 2023)</th> <th style="text-align: right;">Page</th> </tr> </thead> <tbody> <tr> <td>• Removed preview note from WSON package option.....</td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Added device comparison table.....</td> <td style="text-align: right;">4</td> </tr> <tr> <td>• Changed maximum operating temperature range for standard speed mode in footnote 2.....</td> <td style="text-align: right;">6</td> </tr> <tr> <td>• Changed NGR package maximum accuracy for +10°C to +45°C from ±0.3°C to ±0.2°C and full range from ±1.0°C to ±0.4°C.....</td> <td style="text-align: right;">6</td> </tr> <tr> <td>• Changed <math>V_{IL}</math> of IO from <math>0.2 \times V_S</math> to <math>0.3 \times V_S</math> .....</td> <td style="text-align: right;">6</td> </tr> <tr> <td>• Changed <math>V_{IH}</math> of IO from <math>0.8 \times V_S</math> to <math>0.7 \times V_S</math> .....</td> <td style="text-align: right;">6</td> </tr> <tr> <td>• Added standby current specification for continuous conversion mode.....</td> <td style="text-align: right;">6</td> </tr> <tr> <td>• Changed <math>t_{SLOT}</math> minimum in standard mode from 60 <math>\mu s</math> to <math>t_{WR0L} + t_{RC}</math> .....</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Removed <math>t_{SLOT}</math> maximum in standard mode.....</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Changed <math>t_{SLOT}</math> minimum in overdrive mode from 11 <math>\mu s</math> to <math>t_{WR0L} + t_{RC}</math> .....</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Changed <math>t_{REC}</math> in overdrive speed from 10 <math>\mu s</math> to 2 <math>\mu s</math>.....</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Changed <math>t_{RL}</math> minimum from 2 <math>\mu s</math> to 2.5 <math>\mu s</math>.....</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Changed <math>t_{READIDLE}</math> from 400 <math>\mu s</math> to 560 <math>\mu s</math>.....</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Changed <math>I_{DD\_PROG}</math> from 214 <math>\mu A</math> to 230 <math>\mu A</math>.....</td> <td style="text-align: right;">8</td> </tr> <tr> <td>• Added continuous conversion mode for <math>V_{DD}</math> powered mode.....</td> <td style="text-align: right;">27</td> </tr> </tbody> </table>				Changes from Revision B (December 2022) to Revision C (May 2023)	Page	• Removed preview note from WSON package option.....	1	• Added device comparison table.....	4	• Changed maximum operating temperature range for standard speed mode in footnote 2.....	6	• Changed NGR package maximum accuracy for +10°C to +45°C from ±0.3°C to ±0.2°C and full range from ±1.0°C to ±0.4°C.....	6	• Changed $V_{IL}$ of IO from $0.2 \times V_S$ to $0.3 \times V_S$ .....	6	• Changed $V_{IH}$ of IO from $0.8 \times V_S$ to $0.7 \times V_S$ .....	6	• Added standby current specification for continuous conversion mode.....	6	• Changed $t_{SLOT}$ minimum in standard mode from 60 $\mu s$ to $t_{WR0L} + t_{RC}$ .....	8	• Removed $t_{SLOT}$ maximum in standard mode.....	8	• Changed $t_{SLOT}$ minimum in overdrive mode from 11 $\mu s$ to $t_{WR0L} + t_{RC}$ .....	8	• Changed $t_{REC}$ in overdrive speed from 10 $\mu s$ to 2 $\mu s$ .....	8	• Changed $t_{RL}$ minimum from 2 $\mu s$ to 2.5 $\mu s$ .....	8	• Changed $t_{READIDLE}$ from 400 $\mu s$ to 560 $\mu s$ .....	8	• Changed $I_{DD\_PROG}$ from 214 $\mu A$ to 230 $\mu A$ .....	8	• Added continuous conversion mode for $V_{DD}$ powered mode.....	27
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<p>These changes may be reviewed at the datasheet links provided.  <a href="http://www.ti.com/product/TMP1826">http://www.ti.com/product/TMP1826</a></p>																																			
<b>Reason for Change:</b>																																			
To accurately reflect device characteristics.																																			
<b>Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):</b>																																			
No anticipated impact. This is a specification change announcement only. There are no changes to the actual device.																																			
<b>Changes to product identification resulting from this notification:</b>																																			
None.																																			
<b>Product Affected:</b>																																			
PTMP1826NGRR	TMP1826DGKR																																		

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