


PCN Number:	20230906014.0			PCN Date:	September 13, 2023																		
Title:	Datasheet for TPS37-Q1																						
Customer Contact:	Change Management team		Dept:	Quality Services																			
Change Type:	Electrical Specification																						
PCN Details																							
Description of Change:																							
<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;"> TPS37-Q1 <small>SNVSB09E – AUGUST 2020 – REVISED AUGUST 2023</small> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Changes from Revision D (July 2023) to Revision E (August 2023)</th> <th style="text-align: right;">Page</th> </tr> </thead> <tbody> <tr> <td>• Add Functional safety statement and removed latch functionality.....</td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Add Vhyst and accuracy diagram.....</td> <td style="text-align: right;">10</td> </tr> <tr> <td>• Added CTS and CTR value plots.....</td> <td style="text-align: right;">13</td> </tr> <tr> <td>• Fixed output topology.....</td> <td style="text-align: right;">22</td> </tr> <tr> <td>• Corrected CTR to CTS on EQ.....</td> <td style="text-align: right;">24</td> </tr> </tbody> </table> <p>The datasheet number will be changing.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Device Family</td> <td style="width: 33%;">Change From:</td> <td style="width: 34%;">Change To:</td> </tr> <tr> <td>TPS37-Q1</td> <td>SNVSB09D</td> <td>SNVSB09E</td> </tr> </table> <p>These changes may be reviewed at the datasheet links provided. http://www.ti.com/product/TPS37-Q1</p>						Changes from Revision D (July 2023) to Revision E (August 2023)	Page	• Add Functional safety statement and removed latch functionality.....	1	• Add Vhyst and accuracy diagram.....	10	• Added CTS and CTR value plots.....	13	• Fixed output topology.....	22	• Corrected CTR to CTS on EQ.....	24	Device Family	Change From:	Change To:	TPS37-Q1	SNVSB09D	SNVSB09E
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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:																							
TPS37A010122DSKRQ1	TPS37A010122DYRQ1	TPS37A372922DYRQ1	TPS37A543222DSKRQ1																				
TPS37AB7806FDSKRQ1																							

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