



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**Notification# 20250207000.0
Datasheet for LMC6035-Q1
Information Only Datasheet**

Date: February 11, 2025
To: MOUSER PCN

Dear Customer:

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

The changes discussed within this notification are for your information only.

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 Change Management team.

Sincerely,

Change Management Team
SC Business Services

20250207000.0
Information Only Datasheet
Attachments

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, you have recently purchased these devices. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
LMC6035IMXQ1	NULL

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

PCN Number:	20250207000.0		PCN Date:	February 11, 2025																																				
Title:	Datasheet for LMC6035-Q1																																							
Customer Contact:	Change Management team	Dept:	Quality Services																																					
Change Type:	Electrical Specification																																							
PCN 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.  LMC6035-Q1 SBOSAM6 – JANUARY 2000 – REVISED DECEMBER 2024 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Changes from Revision SNOS875G (April 2013) to Revision * (December 2024)</th> <th style="text-align: right;">Page</th> </tr> </thead> <tbody> <tr> <td>• Updated the numbering format for tables, figures, and cross-references throughout the document.....</td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Added the <i>Pin Configuration and Functions, Specifications, ESD Ratings, Recommended Operating Conditions, Thermal Information, Detailed Description, Overview, Functional Block Diagram, Application and Implementation, Application Information, Typical Applications, Power Supply Recommendations, Layout, Layout Guidelines, Layout Example, Device and Documentation Support, and Mechanical, Packaging, and Orderable Information</i> sections.....</td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Moved LMC6035-Q1 from SBOS875G to SBOSAM6.....</td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Updated <i>Features</i></td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Updated <i>Description</i></td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Deleted Figure 1, <i>8-Bump DSBGA Package</i></td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Added difference amplifier application with RES11 image.....</td> <td style="text-align: right;">1</td> </tr> <tr> <td>• Updated figures and tables in <i>Pin Configuration and Functions</i></td> <td style="text-align: right;">3</td> </tr> <tr> <td>• Updated parameter names and symbols.....</td> <td style="text-align: right;">5</td> </tr> <tr> <td>• Moved previous table note 4 into open-loop gain test conditions.....</td> <td style="text-align: right;">5</td> </tr> <tr> <td>• Updated previous table note 2 from <i>AC Electrical Characteristics</i> and moved conditions to slew rate test conditions.....</td> <td style="text-align: right;">5</td> </tr> <tr> <td>• Moved previous table note 3 from <i>AC Electrical Characteristics</i> to crosstalk test conditions.....</td> <td style="text-align: right;">5</td> </tr> <tr> <td>• Changed A_{VOL} to A_{OL}</td> <td style="text-align: right;">16</td> </tr> <tr> <td>• Updated Figure 7-7.....</td> <td style="text-align: right;">18</td> </tr> <tr> <td>• Updated Figure 7-8.....</td> <td style="text-align: right;">19</td> </tr> <tr> <td>• Updated Figure 7-9.....</td> <td style="text-align: right;">20</td> </tr> <tr> <td>• Added reference to <i>Measurement and Calibration Techniques for Ultra-low Current Measurement Systems</i> application note in <i>Printed Circuit Board (PCB) Layout for High-Impedance Work</i></td> <td style="text-align: right;">21</td> </tr> </tbody> </table>					Changes from Revision SNOS875G (April 2013) to Revision * (December 2024)	Page	• Updated the numbering format for tables, figures, and cross-references throughout the document.....	1	• Added the <i>Pin Configuration and Functions, Specifications, ESD Ratings, Recommended Operating Conditions, Thermal Information, Detailed Description, Overview, Functional Block Diagram, Application and Implementation, Application Information, Typical Applications, Power Supply Recommendations, Layout, Layout Guidelines, Layout Example, Device and Documentation Support, and Mechanical, Packaging, and Orderable Information</i> sections.....	1	• Moved LMC6035-Q1 from SBOS875G to SBOSAM6.....	1	• Updated <i>Features</i>	1	• Updated <i>Description</i>	1	• Deleted Figure 1, <i>8-Bump DSBGA Package</i>	1	• Added difference amplifier application with RES11 image.....	1	• Updated figures and tables in <i>Pin Configuration and Functions</i>	3	• Updated parameter names and symbols.....	5	• Moved previous table note 4 into open-loop gain test conditions.....	5	• Updated previous table note 2 from <i>AC Electrical Characteristics</i> and moved conditions to slew rate test conditions.....	5	• Moved previous table note 3 from <i>AC Electrical Characteristics</i> to crosstalk test conditions.....	5	• Changed A_{VOL} to A_{OL}	16	• Updated Figure 7-7.....	18	• Updated Figure 7-8.....	19	• Updated Figure 7-9.....	20	• Added reference to <i>Measurement and Calibration Techniques for Ultra-low Current Measurement Systems</i> application note in <i>Printed Circuit Board (PCB) Layout for High-Impedance Work</i>	21
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These changes may be reviewed at the datasheet links provided. http://www.ti.com/product/LMC6035-Q1																																								
Reason for Change:																																								
To accurately reflect device characteristics.																																								
Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):																																								
No anticipated impact.																																								
Changes to product identification resulting from this PCN:																																								

None.			
Product Affected:			
LMC6035IMXQ1			

For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.

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