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Notification Number:	20260917000.0	Notification Issued	September 21, 2026
Datasheet for LM3478			

Change type(s)
Data Sheet/Electrical Specification

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.		
	LM3478 SNVS085Y – JULY 2000 – REVISED JANUARY 2026	
Changes from Revision X (December 2017) to Revision Y (January 2026)		Page
• Updated the numbering format for tables, figures, and cross-references throughout the document		1
• Updated the datasheet title		1
• Changed unit of Switching Frequency from MHz to kHz.....		4
• Changed $R_{\theta JA}$ from 157.2 to 151.2 (DGK package).....		4
• Changed $R_{\theta JC(top)}$ from 49.9 to 45.3 (DGK package).....		4
• Changed $R_{\theta JB}$ from 77.1 to 85.6 (DGK package).....		4
• Changed ψ_{JT} from 4.7 to 1.5 (DGK package).....		4
• Changed ψ_{JB} from 75.8 to 84.2 (DGK package).....		4
• Changed maximum I_{EAO} (source) from 140 to 170 μ A (25°C).....		5
• Changed maximum I_{EAO} (source) from 180 to 220 μ A.....		5
• Changed minimum I_{EAO} (sink) from -100 to -70 μ A (25°C).....		5
• Changed minimum I_{EAO} (sink) from -85 to -60 μ A.....		5
The datasheet number will be changing.		
Device Family	Change From:	Change To:
LM3478	SNVS085X	SNVS085Y
These changes may be reviewed at the datasheet links provided.		
http://www.ti.com/product/LM3478		
Reason for Change:	To accurately reflect device characteristics.	
Anticipated impact on Form, Fit, Function, Quality or Reliability:	There are changes in the electrical specifications.	
Changes to product identification resulting from this PCN:	None	

Products Affected:			
LM3478MA/NOPB	LM3478MA/NOPB.A	LM3478MA/NOPB.B	LM3478MAX/NOPB
LM3478MAX/NOPB.A	LM3478MAX/NOPB.B		

In performing change qualifications, Texas Instruments follows integrated circuit industry standards in performing defect mechanism analysis and failure mechanism-based accelerated environmental testing to ensure wafer fab process, assembly process and product quality and reliability. As encouraged by these standards, TI uses both product-specific and generic (family) data in qualifying its changes. For devices to be categorized as a 'product qualification family' for generic data purposes, they must share similar product, wafer fab process and assembly process elements. The applicability of generic data (also known at TI as Qualification by Similarity (QBS)) is determined by the Reliability Engineering function following these industry standards. Generic data is shown in the qualification report in columns titled "QBS Process" (for wafer fab process), "QBS Package" (for assembly process) and "QBS Product" (for product family).

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