



145 Adams Avenue, Hauppauge, NY 11788, USA
 Tel: 1.631.435.1110 Fax: 1.631.435.1824
 www.centrasemi.com

<https://www.centrasemi.com/process-change-notices>

PCN #244

Initial Notification Date: October 28, 2022
Final Notification Date: December 9, 2022

Product / Process Change Notice

Devices affected:

Custom products manufactured in the TLM1053 case.

Part Numbers Affected:

CEN1124
 CEN1148

Extent of change:

The internal lead frame has been re-tooled in order to continuing supporting future production of these custom devices.

Reason for change:

This change was instituted to re-activate the TLM1053 package.

Effect of change:

This change does not affect the form, fit, or function of any device.

Qualification data:

Test	Condition	Duration	Failure rate
Temperature Cycling (T.C.)	TA= -65+0°C/-10°C 10min (Min) TA= +150+15°C/-0°C 10min (Min) Transfer time less than 1min. The load should reach temp. within 15min	1000 Cycles	0/77
High Temp. Storage Life (H.T.S.L.)	TA= +150°C	1000 Hours	0/77
Unbiased Highly Accelerated Temperature and Humidity Stress Test (UHAST)	T=+130°C, RH=85%	96 Hours	0/77
Solderability	Steam Age: T=93°C +3/-5°C. Pb-free Dip: T=245°C +/-5°C, Dwell time = 5+/-0.5sec	1 Cycle	0/15
Resistance To Solder Shock	Pb free: T =270°C ±5°C, Dwell=7s +2/-0	1 Cycle	0/5



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Earliest effective date of change:

December 9, 2022

First ship date:

December 9, 2022

As per JEDEC standard JESD46, Customer Notification of Product/Process Changes by Solid-State Suppliers, a lack of acknowledgement of a PCN within thirty (30) days constitutes acceptance of the change.

The undersigned acknowledges and accepts Central Semiconductor's Product/Process Change Notification (PCN).

Company Name:	
Address:	
Printed Name:	
Title:	
Signature:	
Date:	