



Product Change Notification: DSN0-18DVZK566

Date:

13-May-2025

Product Category:

Linear Regulators, Power Management - PWM Controllers, Power MOSFET Drivers, Switching Regulators

Notification Subject:

TRB 7199 Final Notice: Qualification of new lead frame design for selected SG1524J, SG1532J, SG1626J, SG1644J, SG1731J, SG1844J, SG1845J and SG723J device families available in 14L SSI, 16L SSI and 16L LSI Frames PMIC products.

Affected CPNs:

[DSNO-18DVZK566_Affected_CPN_05132025.pdf](#)

[DSNO-18DVZK566_Affected_CPN_05132025.csv](#)

Notification Text:**PCN Status:**

Final Notification

PCN Type:

Manufacturing Change

Microchip Parts Affected:

Please open one of the files found in the Affected CPNs section.

Note: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

Description of Change:

Qualification of new lead frame design for selected SG1524J, SG1532J, SG1626J, SG1644J, SG1731J, SG1844J, SG1845J and SG723J device families available in 14L SSI, 16L SSI and 16L LSI Frames PMIC products.

Pre and Post Summary Changes:

	Pre Change			Post Change		
Lead Count / Frame	14L SSI	16L SSI	16L LSI	14L SSI	16L SSI	16L LSI
Frame Cavity Dimension	0.160 x 0.120"	0.160 x 0.120"	0.330 x 0.180"	0.160 x 0.120"	0.160 x 0.120"	0.340 x 0.180"
Top Frame Width Dimension	0.314"	0.314"	0.314"	0.314"	0.311"	0.311"
Bottom Frame Width Dimension	0.370"	0.365"	0.365"	0.365"	0.385"	0.380"
Lead-Frame Design	See Pre and Post Change Summary attachment for comparison.					

Impacts to Datasheet:

None

Change Impact:

None

Reason for Change:

To improve productivity by qualifying a new lead frame design for 14L SSI, 16L SSI and 16L LSI products.

Change Implementation Status:

In Progress

Estimated Qualification Completion Date:

30 May 2025

Estimated First Ship Date:

06 June 2025 (date code: 2523)

Note: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Due to unforeseen circumstances, that are out of Microchip's control, full qualification will be made available as soon as it is approved which may be after the estimated first ship date so that Microchip can maintain continuity of supply and not disrupt customer orders.

Timetable Summary:

	November 2024					>	May 2025					June 2025				
Work Week	44	45	46	47	48		18	19	20	21	22	23	24	25	26	27
Initial PCN Issue Date				X												
Qual Report Availability											X					
Final PCN Issue Date									X							
Estimated Implementation Date												X				

Method to Identify Change:

Traceability Code

Qualification Report:

Note 1: This final PCN will be updated to include the Qualification report as soon as it is completed.

Note 2: Please be advised the qualification completion times may be extended because of unforeseen business conditions.

Revision History:

November 22, 2024: Issued initial notification.

May 13, 2025: Issued final notification. Provided estimated first ship to be on June 06, 2025.

Attachments:

[PCN_DSNO-18DVZK566_Pre and_Post Change Summary.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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