

Product Change Notification / NTDO-04TZHM142

Date:

16-May-2022

Product Category:

Depletion Mode MOSFETs, N-Channel Enhancement Mode MOSFETs, P-Channel Enhancement Mode MOSFETs

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4883 Final Notice: Qualification of CEL-8240 as a new mold compound for 2N700x, DNx5xxN3, LP0701N3, TxxxxxN3, VNxxxxxx and VPxxxxxxx device families available in 3L TO-92 package assembled at CRTK assembly site.

Affected CPNs:

NTDO-04TZHM142_Affected_CPN_05162022.pdf NTDO-04TZHM142_Affected_CPN_05162022.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 CEL-8240 as a new mold compound for 2N700x, DNx5xxN3, LP0701N3, TxxxxxN3, VNxxxxxx and VPxxxxxxx device families available in 3L TO-92 package assembled at CRTK assembly site.

Pre and Post Change Summary:

			Pre Cl	Post Change				
Assembly Site		Greatek Electo (GTK)	onic Inc.	Cirtek Electronics Corporation (CRTK)	Cirtek Electronics Corporation (CRTK)			
Wire material		Au		Au	Au			
Die attach material		CRM1076DJ-G 8060T		84-1LMISR4	84-1LMISR4			
Molding compound material		G600		G600	CEL-8240			
Lead frame	Material*	CDA194 / A	\194	A194	A194			
	Lead-lock	No		No	No			
	Design	See attached Pre and Post Change comparison.						
Package Lay-out		See attached Pre and Post Change comparison.						

Note: *C194, A194 or CDA194 Lead frame material are the same, it is just a MCHP internal labelling Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve productivity and on-time delivery performance by qualifying CEL-8240 as a new mold compound at CRTK assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:June 30, 2022 (date code: 2227)

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

Time Table Summary:

	November 2021						May 2022			June 2022					
Workweek	45	46	47	48	49	>	19	20	21	22	23	24	25	26	27
Initial PCN Issue Date		Х													
Qual Report Availability									Χ						
Final PCN Issue Date									Χ						
Estimated Implementation Date															Х

Method to Identify Change: Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:

November 8, 2021: Issued initial notification.

May 16, 2022: Issued final notification. Attached is the qualification report. Provided estimated first ship date on June 30, 2022.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachments:

PCN_NTDO-04TZHM142_Pre and Post Change Summary.pdf PCN_NTDO-04TZHM142_Qual Report.pdf

Please contact your local Microchip sales office with questions or concerns regarding this notification.

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If you wish to <u>change your PCN profile</u>, <u>including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

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Affected Catalog Part Numbers (CPN)

DN2540N3-G

DN3545N3-G

DN2530N3-G

DN2535N3-G

TN0606N3-G

TN0610N3-G

TN0620N3-G

TN0620N3-G-D163

TN2540N3-G

TP0606N3-G

VP0808L-G

TP0620N3-G

TP2535N3-G

TP2540N3-G

VN0300L-G

VN1206L-G

VN2406L-G

VN2410L-G

VN4012L-G

DN2540N3-G-P003

DN2535N3-G-P003

DN2535N3-G-P013

TN0606N3-G-P003

TN0610N3-G-P003

TN0610N3-G-P013

TN0620N3-G-P002

TN0620N3-G-P014

TN2540N3-G-P002

TP0606N3-G-P002

TP0606N3-G-P003

TP2540N3-G-P002

VN0300L-G-P002

VN1206L-G-P002 VN2410L-G-P013

VIVE 110E G 1 013

VN2410L-G-P014

2N7000-G

2N7000-G-D596

2N7008-G

TN2106N3-G

TP2104N3-G

VN0104N3-G

VN0808L-G

VN10KN3-G

VN2106N3-G

VN2222LL-G

VP2106N3-G

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