



Product Change Notification / ASER-06FDTY754

Date:

11-Mar-2022

Product Category:

AC/DC - Offline Linear Regulators, General Purpose LED Drivers, Linear Regulator ICs, Power Management - System Supervisors/Voltage Detectors

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4882 Final Notice: Qualification of CEL-8240 GS new molding compound for selected LR8Nxxx, LR645Nxxx, LR745Nxxx, LR12Nxxx, HV992xxx and TC32Mxxx device families available in 3L TO-92 package at CRTK assembly site.

Affected CPNs:

[ASER-06FDTY754_Affected_CPN_03112022.pdf](#)

[ASER-06FDTY754_Affected_CPN_03112022.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 GS new molding compound for selected LR8Nxxx, LR645Nxxx, LR745Nxxx, LR12Nxxx, HV992xxx and TC32Mxxx device families available in 3L TO-92 package.

Pre and Post Change Summary:

		Pre Change		Post Change	
Assembly Site		GREATEK ELETRONIC INC. (GTK)		Cirtek Electronics Corporation (CRTK)	
Wire Material		Au		Au	
Die Attach Material		CRM1076DJ-G		84-1LMISR4	
Molding Compound Material		G600F		EME-G600	
Lead-Frame	Material*	CDA194		A194	
	Paddle size	105x86 mil	105x88 mil	105x100 mil	
	Design	See Pre and Post Change Summary for Comparison.			

*Note: C194, A194 or CDA194 Lead frame material are the same material, these are simply a MCHP internal labelling difference.

Impacts to Data Sheet:None

Change Impact:None

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

Change Implementation Status:In Progress

Estimated First Ship Date:April 20, 2022 (date code: 2217)

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

Time Table Summary:

	November 2021				→	March 2022					April 2022			
	45	46	47	48		10	11	12	13	14	15	16	17	18
Initial PCN Issue Date				x										
Qual Report Availability						x								
Final PCN Issue Date						x								

Affected Catalog Part Numbers (CPN)

LR8N3-G

LR8N3-G-P003

LR645N3-G

LR645N3-G-P003

LR645N3-G-P013

LR745N3-G

LR745N3-G-P003

LR745N3-G-P013

LR12N3-G

HV9921N3-G

HV9922N3-G

HV9923N3-G

TC32MCZB

TC32MEZB