

## 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 Cl	Post Change			
Assem	nbly Site	GREATEK I IN (G <sup>-</sup>	• ·	Cirtek Electronics Corporation (CRTK)	Cirtek Electronics Corporation (CRTK)		
Wire	Vaterial	A	u	Au	Au		
Die Attach Material		CRM10	76DJ-G	84-1LMISR4	84-1LMISR4		
Molding Compound Material		G60	DOF	EME-G600	CEL-8240 GS		
Lead-Frame	Material*	CDA	194	A194	A194		
	Paddle size	105x86 mil	105x88 mil	105x100 mil	105x87 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 ImpactNone

**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					
Workweek	45	46	4 7	4 8	<b>→</b>	1 0	1 1	1 2	1 3	1 4	1 5	1 6	1 7	1 8
Initial PCN Issue Date				х										
Qual Report Availability							х							
Final PCN Issue Date							х							

Estimated Implementation Date					x
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Method to Identify Change: Traceability code

**Qualification Report:**Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Report.

Revision History: November 2, 2021: Issued initial notification.

March 11, 2022: Issued final notification. Stated CEL-8240 GS molding compound in the notification subject and description of change. Added lead frame paddle size in Pre and Post Change table and summary. Attached the qualification report. Provided estimated first ship date to be on April 20, 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\_ASER-06FDTY754\_Qual\_Report.pdf PCN\_ASER-06FDTY754\_Pre\_and Post Change Summary.pdf

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

### **Terms and Conditions:**

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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. ASER-06FDTY754 - 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 Catalog Part Numbers (CPN)

LR8N3-G LR8N3-G-P003 LR645N3-G-P003 LR645N3-G-P003 LR745N3-G-P013 LR745N3-G-P003 LR745N3-G-P013 LR745N3-G-P013 LR12N3-G HV9921N3-G HV9921N3-G HV9923N3-G TC32MCZB TC32MCZB