

### Product Change Notification / BLAS-30BRVK558

#### Date:

09-Nov-2023

### **Product Category:**

AC/DC - Offline Linear Regulators, Depletion Mode MOSFETs, Fault Protection ICs, General Purpose LED Drivers, Linear Regulator ICs, Ultrasound T/R Switch ICs

## PCN Type:

Manufacturing Change

## **Notification Subject:**

CCB 6431 Final Notice: Qualification of GTBF as an additional assembly site for selected CL1N8-G, CL25N8-G, CL2N8-G, FP0100N8-G, HV9921N8-G, HV9922N8-G, HV9923N8-G, LND150N8-G, LR645N8-G, LR745N8-G, LR8N8-G and MD0100N8-G catalog part numbers (CPN) available in 3L SOT-89 package.

### **Affected CPNs:**

BLAS-30BRVK558\_Affected\_CPN\_11092023.pdf BLAS-30BRVK558\_Affected\_CPN\_11092023.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 GTBF as an additional assembly site for selected CL1N8-G, CL25N8-G, CL2N8-G, FP0100N8-G, HV9921N8-G, HV9922N8-G, HV9923N8-G, LND150N8-G, LR645N8-G, LR745N8-G, LR8N8-G and MD0100N8-G catalog part numbers (CPN) available in 3L SOT-89 package.

# **Pre and Post Change Summary:**

	Pre Change	Post Change							
Assembly Site	Lingsen Precision Industries, LTD.	Lingsen Precision Industries, LTD.	Great Team Backend Foundry (Dong Guan) Ltd.						
	(LPI)	(LPI)	(GTBF)						
Wire Material	Au	Au	Au						
Die Attach Material	8060T	8060T	CRM-1800						
Molding Compound Material	G600	G600	CEL-9240HF10L8						
Lead-Frame Material	KFC	KFC	KFC/LY89						
Land France Daddla Cina	79x63mils	79x63mils	71x79mils						
Lead-Frame Paddle Size	See attached Pre and Post Change comparison								

# Impacts to Data Sheet:Yes. POD (Product Outline Drawing).

		LPI		GTBF					
	Min	Nom	Min	Nom	Max				
Leads	Leads N				3				
Pitch	е	1.45	1.50	1.55		1.50 BSC			
Outside Lead Pitch	e1	2.90	3.00	3.10	3.00 BSC				
Overall Height	А	1.40	1.50	1.60	1.41	1.50	1.59		
Overall Width	Н	3.94	-	4.25	3.97	4.15	4.24		
Mold Package Width at Base	E	2.40	2.50	2.60	2.41	2.50	2.59		
Mold Package Width at Top	E1	-	-	-	-	-	-		

Overall Length	D	4.40	4.50	4.60	4.41	4.50	4.59		
Tab Length (Option A)	D1A	-	-	-	-	-	-		
Tab Length (Option B)	D1B	1.40	1.60	1.75	•	1.65 BSC			
Tab Length (Option C)	D1C	-	-	-	ı	-	-		
Foot Length	L	0.80	ı	1.20	0.81	0.95	1.16		
Lead Thickness	С	0.30	0.40	0.50	0.35	0.38	0.44		
Lead 2 Width	b	0.41	0.47	0.53	0.43	0.48	0.54		
Leads 1 & 3 Width	b1	0.36	0.42	0.48	0.43	0.48	0.54		

Change Impact:None

**Reason for Change:**To improve productivity by qualifying GTBF as an additional assembly site.

**Change Implementation Status:**In Progress

Estimated First Ship Date:December 01, 2023 (date code: 2348)

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

## Time Table Summary:

	July 2023				>	November 2023				December 2023						
Workweek	2 7	2 8	3 9	3 0	3 1		44	45	4 6	4 7	4 8	4 9	5 0	5 1	5 2	5 3
Initial PCN Issue Date					Х											
Qual Report Availability								Х								
Final PCN Issue Date								Х								

Estimated									
Implementation						Х			
Date									

Method to Identify Change: Traceability code

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

**Revision History:** July 31, 2023: Issued initial notification.

November 09, 2023: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on December 01, 2023.

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

### Attachments:

PCN\_BLAS-30BRVK558 Qual Report.pdf PCN\_BLAS-30BRVK558 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.

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### Affected Catalog Part Numbers (CPN)

CL1N8-G

FP0100N8-G

CL25N8-G

CL2N8-G

MD0100N8-G

LR8N8-G

LR645N8-G

LR745N8-G

LND150N8-G

HV9921N8-G

HV9922N8-G

HV9923N8-G

Date: Wednesday, November 8, 2023