



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. (LPI)	Lingsen Precision Industries, LTD. (LPI)	Great Team Backend Foundry (Dong Guan) Ltd. (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
Lead-Frame Paddle Size	79x63mils	79x63mils	71x79mils
	See attached Pre and Post Change comparison		

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

		LPI			GTBF		
		Min	Nom	Max	Min	Nom	Max
Leads	N	3			3		
Pitch	e	1.45	1.50	1.55	1.50 BSC		
Outside Lead Pitch	e1	2.90	3.00	3.10	3.00 BSC		
Overall Height	A	1.40	1.50	1.60	1.41	1.50	1.59
Overall Width	H	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	-	-	-	-	-	-
Foot Length	L	0.80	-	1.20	0.81	0.95	1.16
Lead Thickness	c	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	27	28	30	31			44	45	46	47	48	49	50	51	53
Initial PCN Issue Date				x											
Qual Report Availability							x								
Final PCN Issue Date							x								

Estimated Implementation Date											x						
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Affected Catalog Part Numbers (CPN)

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FP0100N8-G
CL25N8-G
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MD0100N8-G
LR8N8-G
LR645N8-G
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