



130 W Cochran St, Unit B
 Simi Valley, CA 93065
 Tel:818-701-4933

Process Change Notification (PCN)

Notification number:	121525-1
Notification date:	15 Dec 2025
Proposed implementation date:	15 Mar 2026
Product type affected:	Please refer to table 1&2 in Appendix 1.
Change Category	Additional assembly & test centre
Change Classification	Major
Change description:	Releasing of new MCC plant in Vietnam to support increasing production capacity.
Reason for change:	Increase flexibility and volume ramp up according to company's development plan.
Deposition of old product	Additional new product will produce in parallel with existing product.
Identification of Changed product:	Identify by manufacturing location (COO) and marking on the product body. Please refer to table 1 in Appendix 2.
Contact person:	Please contact your respective Account manager (AM) / Inside sales representative (ISR/CSR) if you have further query.
Approved by:	TH Koay (Director of Product) Steve Zhang (Director of Supply Chain) Seaman Wu (Director of Quality) Pamela Cheng (GM & EVP of Sales)



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Appendix 1: Table 1

Package&Category	Current Manufacturing Site	Additional/ New manufacturing site
Package: GBU、LMBS-1 Product Category: Bridge Rectifiers	Factory Address: Micro Commercial Components Corp. Ltd. No.26, Chuangyeyuan Middle Road, Yangzhou City, Jiangsu Province, China	Factory Address: (1)Micro Commercial Components Corp. Ltd. No.26, Chuangyeyuan Middle Road, Yangzhou City, Jiangsu Province, China (2)Micro Commercial Components Vietnam Company Limited Lot No. CN2-1 Yen phong II-C Industrial Park, Tam Giang Ward, Yen Phong Town, Bac Ninh City, Bac Ninh Province,VietNam.

Note:

(1)For the list of affected part numbers contained in the above Package, please see Table 2.



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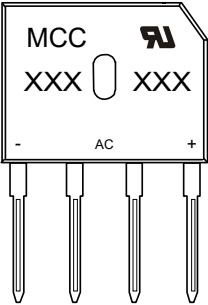
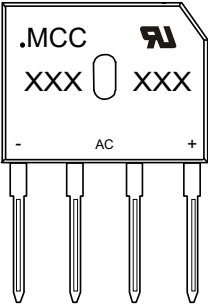
Appendix 1: Table 2

Product type affected					
FLMB207S-TP	LMB24S-TP	GBU10D-BP	GBU2001-BP	GBU3002-BP	GBU6B-BP
FLMB207S-TP-HF	LMB26S-TP	GBU10G-BP	GBU2002-BP	GBU3004-BP	GBU6D-BP
LMB10S-TP	LMB2S-TP	GBU10J-BP	GBU2004-BP	GBU3006-BP	GBU6G-BP
LMB10S-TP-HF	LMB310S-TP	GBU10K-BP	GBU2006-BP	GBU3008-BP	GBU6J-BP
LMB110S-TP	LMB32S-TP	GBU10K-BP-HF	GBU2008-BP	GBU3010-BP	GBU6J-BPS01
LMB110S-TP-HF	LMB34S-TP	GBU10KL-BP	GBU2010-BP	GBU3510-BP	GBU6K-BP
LMB12S-TP	LMB36S-TP	GBU10M-BP	GBU2010S-BP	GBU4A-BP	GBU6M-BP
LMB14S-TP	LMB4S-TP	GBU10MS-BP	GBU2500S-BP	GBU4B-BP	GBU6MS-BP
LMB16S-TP	LMB6S-TP	GBU15A-BP	GBU2501-BP	GBU4B-BP-HF	GBU8A-BP
LMB18S-TP	LMB8S-TP	GBU15B-BP	GBU2502-BP	GBU4D-BP	GBU8B-BP
LMB203SL-TP	LMB8S-TPS01	GBU15D-BP	GBU2504-BP	GBU4G-BP	GBU8D-BP
LMB203S-TP	SLMB2S-TP	GBU15G-BP	GBU2506-BP	GBU4J-BP	GBU8G-BP
LMB204SL-TP	SLMB4S-TP	GBU15J-BP	GBU2506-BP-HF	GBU4J-BP-HF	GBU8J-BP
LMB204S-TP	SLMB6S-TP	GBU15K-BP	GBU2508-BP	GBU4JL-BP	GBU8J-BP-HF
LMB205SL-TP	EGBU1006-BP	GBU15K-BP-HF	GBU2508L-BP	GBU4K-BP	GBU8K-BP
LMB205S-TP	EGBU1506-BP	GBU15KL-BP	GBU2510-BP	GBU4KL-BP	GBU8M-BP
LMB206SL-TP	EGBU2006-BP	GBU15L06-BP	GBU2510S-BP	GBU4M-BP	RGBU6M-BP
LMB206S-TP	EGBU2506-BP	GBU15L08-BP	GBU25L06-BP	GBU4M-BP-HF	RGBU8M-BP
LMB207SL-TP	EGBU3506-BP	GBU15M-BP	GBU25L08-BP	GBU4MS-BP	
LMB207S-TP	GBU10A-BP	GBU15MS-BP	GBU3000S-BP	GBU5010-BP	
LMB210S-TP	GBU10B-BP	GBU2000S-BP	GBU3001-BP	GBU6A-BP	



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Appendix 2: Table 1

Package	Current	New
LMBS-1		
GBU		

Note:XXXX = Marking Code

Part Number: Rectifier LMBS-1 Series

Reliability Report

Test Results : PASS

Test Item	Conditions	Duration	Quantity	Rejects
TEST Pre- and Post-Stress Electrical Test	$T_a = 25\text{ }^{\circ}\text{C}$	N/A	all parts	see below
* Pre-conditioning	JESD22A-113 1. Temperature Cycling: $-40\text{ }^{\circ}\text{C} \sim 60\text{ }^{\circ}\text{C}$, 2. Bake: $125\text{ }^{\circ}\text{C}$,	5Cycles; 24 hours;		
	3.1 Moisture Soak: $85\text{ }^{\circ}\text{C}$, 85%RH for MSL1 OR	168hours	308Pcs	0
	3.2 Moisture Soak: $30\text{ }^{\circ}\text{C}$, 60%RH for MSL3;	192hours		
	4. Reflow*3Cycles: $260\text{ }^{\circ}\text{C}$	3Cycles		
HTRB High Temperature Reverse Bias	MIL-STD-750 Method 1038 $T_j = T_{j\max}$, 80% VR	168 hours	77Pcs	0
TC Temperature Cycling	JESD22-A104 $-55\text{ }^{\circ}\text{C} (+0, -10)/15\text{Min} \sim$ $150(+15, -0)/15\text{Min}$,	100Cycles (50hours)	77Pcs	0
AC Autoclave	JESD22-A102 $T_a = 121\text{ }^{\circ}\text{C} \pm 2\text{ }^{\circ}\text{C}$, RH = 100 %, 15psig	96 hours	77Pcs	0
HAST High Humidity High Temperature Reverse Bias	$130 \pm 2\text{ }^{\circ}\text{C}$, 85% $\pm 5\%$ RH, 80%VR (Max=42V)	96 hours	77Pcs	0
IOL Intermittent Operating Life	MIL-STD-750 Method 1037 ON 2Min/OFF 2min, devices powered to insure $\Delta T_j \geq 100\text{ }^{\circ}\text{C}$	2520 cycles (168 hours)	77Pcs	0
RSH Resistance to Solder Heat	JESD22-B106 $260\text{ }^{\circ}\text{C}$ (+5, -0)	10 s	30Pcs	0
SD Solderability	J-STD-002 $235\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$	3 s	10Pcs	0

* Remark : detail MSL of product refer to data sheet on MCC website.

Reliability Report

Part Number: Rectifier GBU Series

Test Results : **PASS**

Test Item	Conditions	Duration	Quantity	Rejects
TEST Pre- and Post-Stress Electrical Test	$T_a = 25\text{ }^{\circ}\text{C}$	N/A	all parts	see below
HTRB High Temperature Reverse Bias	MIL-STD-750 Method 1038 $T_j = T_{jmax}$, 80% VR	1000 hours	77Pcs	0
TC Temperature Cycling	JESD22-A104 -55 $^{\circ}\text{C}$ (+0,-10)/15Min~ 150(+15,-0)/15Min,	1000Cycles (500hours)	77Pcs	0
AC Autoclave	JESD22-A102 $T_a = 121\text{ }^{\circ}\text{C} \pm 2\text{ }^{\circ}\text{C}$, RH = 100 %, 15psig	96 hours	77Pcs	0
H3TRB High Humidity High Temperature Reverse Bias	JESD22-A101 $T_a = 85\text{ }^{\circ}\text{C} \pm 2\text{ }^{\circ}\text{C}$, RH = 85% $\pm$ 5%, 80 % VR (VR MAX=100V)	1000 hours	77Pcs	0
IOL Intermittent Operating Life	MIL-STD-750 Method 1037 ON 2Min/OFF 2min, devices powered to insure $\Delta T_j = 100\text{ }^{\circ}\text{C}$	15000 cycles (1000 hours)	77Pcs	0
RSH Resistance to Solder Heat	JESD22-B106 270 $^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$,	7s (+2,-0)	30Pcs	0
SD Solderability	J-STD-002 235 $^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$	3 s	10Pcs	0
HTSL High Temperature Storage Life	JESD22-A103 T_{stgMax}	1000 hours	77Pcs	0



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PCN #: 121525-1

PCN Title: Additional assembly & test center

Dear Customer.

This is a PCN announcement to the above-mentioned product which is/are offered by Micro Commercial Components Corp (MCC). We would appreciate your acknowledgement of receipt of this notification within 30 days of the date of this PCN to your local ISR, sales representative. Please refer to the attached document for more information (including implementation date / product date code of this change). If you have any questions or concerns related to this PCN, please contact your local sales representative / ISR for support. Sincerely, MCC

PCN Team

Thank you.

Yours sincerely,

PCN Team