



Process Change Notification (PCN)

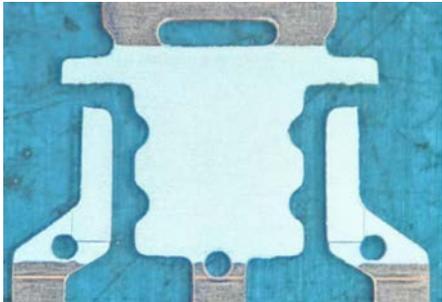
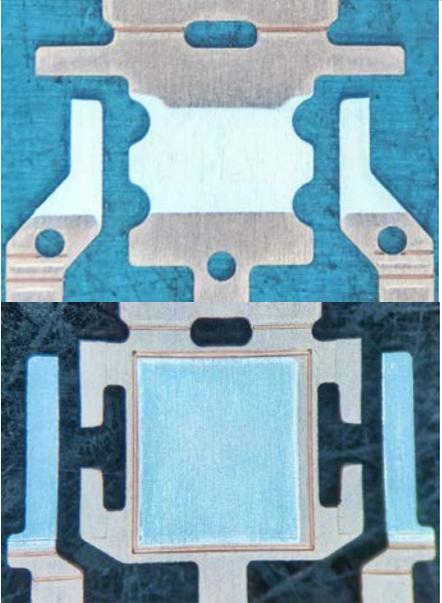
This Product Change Notification (PCN) is issued to inform customers of changes to the products listed below manufactured by Micro Commercial Components Corp. (MCC).

Notification number:	PCN-012226-1
PCN Title:	Package Material change
Issue date:	1/22/2026
Proposed effective date:	4/22/2026
Product type affected:	Please refer to table 1 in Appendix 1.
Change Category:	Material Change
Change Sub-category(s):	Additional Leadframe Source
Change Classification:	Major
Change description and reason:	To support demand growth and ensure supply continuity. Remark: Full electrical characterization and high reliability testing has been completed to ensure there is no change to device functionality or electrical specifications in the datasheet.
Deposition of old product:	Existing inventory will continue to ship until stock is depleted.
Identification of Changed product:	<input type="checkbox"/> Body Marking <input checked="" type="checkbox"/> Lot code <input type="checkbox"/> Datasheet Revision <input checked="" type="checkbox"/> Labelling <input type="checkbox"/> Reel/packaging <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Date Code identification
Contact Information:	Please contact your respective MCC Account Manager (AM) / Inside Sales Representative (ISR/CSR)
Approved by:	Seaman Wu (Director of Quality) TH Koay (Head of Product BU) Steve Zhang (Director of Supply Chain) Pamela Cheng (GM & EVP of Sales)

Appendix 1: Table 1

No.	Product type	Existing marking	New marking	Package type/code
1	BCP51-16-TP	BCP51-16	BCP51-16	SOT-223
2	BCP52-16-TP	BCP52-16	BCP52-16	SOT-223
3	BCP53-16-TP	BCP53-16	BCP53-16	SOT-223
4	BCP55-16-TP	BCP55-16	BCP55-16	SOT-223
5	BCP56-16-TP	BCP56-16	BCP56-16	SOT-223
6	PZT2222A-TP	ZT2222A	ZT2222A	SOT-223
7	PZTA44-TP	A44	A44	SOT-223
8	PZTA44-TP-HF	A44	A44	SOT-223

Table 2: Leadframe Comparison

Item	Old source	New source
Appearance		

Reliability Data Summary:

Part Number: BCP56-16-TP

Test Results: PASS

Test Item	Conditions	Duration	Quantity	Rejects
TEST Pre- and Post-Stress Electrical Test	T _a = 25 °C	N/A	all parts	see below
* Pre-conditioning for MSL 1	JESD22A-113 1. Temperature Cycling:-40°C~ 60°C, 2. Bake:125 °C , 3. Moisture Soak:85°C, 85%RH for MSL1; 4. Reflow*3Cycles:260 °C	5Cycles; 24 hours; 192hours 3Cycles	261Pcs	0
HTRB High Temperature Reverse Bias	MIL-STD-750 Method1038 T _j = T _{jmax} , 80% VR	1000 hours	77Pcs	0
TC Temperature Cycling	JESD22-A104 55 °C (+0,-10)/15Min~ 150(+15,-0)/15Min,	1000Cycles (500hours)	77Pcs	0
AC Autoclave	JESD22-A102 T _a = 121 °C±2 C, RH = 100 %, 15psig	96 hours	77Pcs	0
H3TRB High Humidity High Temperature Reverse Bias	JESD22-A101 T _a = 85 °C±2 C , RH = 85%±5%, 80 % VR (VR MAX=100V)	1000 hours	77Pcs	0
RSH Resistance to Solder Heat	JESD22-B106 260 °C (+5 , -0)	10 s	30Pcs	0
SD Solderability	J-STD-002 235 °C ± 5 °C	3 s	10Pcs	0

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



Micro Commercial Components

Product Change Notification

Date: 1/22/2026

PCN #: PCN- 012226-1

PCN Title: Package Material change

Dear Customer,

This Product Change Notification (PCN) is issued to inform customers of changes affecting the above-mentioned product(s) offered by Micro Commercial Components Corp. (MCC).

Customers are requested to acknowledge receipt of this notification within **30 days** from the issue date of this PCN by contacting their local ISR/CSR or sales representative.

If product samples are required for evaluation purposes, please submit a corresponding request within 30 days of this notification.

If you have any questions, require clarification, or need additional support regarding this PCN, please contact your local Account Manager (AM), CSR, or ISR.

Yours sincerely,

MCC PCN Team