



Date: Nov 01, 2021

PCN No#: 110121-1

PCN Title: Additional Qualified Assembly and Test(A/T) Site.

Dear Customer:

This is an announcement of change(s) to products that are currently being offered by Micro Commercial Components Corp(MCC) .We request that you acknowledge receipt of this notification within 30 days of the date of this PCN. Please refer to the implementation date of this change as it is stated in the attached PCN form. Please contact your local sales representative to acknowledge receipt of this PCN.

If you have any questions about PCN's products, please contact your local sales representative.

Sincerely,

MCC PCN Team

## PRODUCT CHANGE NOTICE

Notification Date	Implementation Date	Change Type	Classification	PCN No
Nov 01, 2021	Feb 01, 2022	Additional Qualified A/T	Major	110121-1
<b>TITLE</b>				
Additional Qualified Assembly and Test(A/T) Site.				
<b>DESCRIPTION OF CHANGE</b>				
This PCN is being issued to notify customers that in order to assure continuity of supply, MCC has qualified additional Assembly and Test(A/T) Site. 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.				
<b>IMPACT</b>				
No change in datasheet electrical parameters and product performance. Table A: Appearance comparison				
<b>PRODUCTS AFFECTED</b>				
See Table B below for the products affected.				
<b>WEB LINKS</b>				
<b>Terms And Conditions:</b>	<a href="https://www.mccsemi.com/Home/TermsAndConditions">https://www.mccsemi.com/Home/TermsAndConditions</a>			
<b>For More Information Contact:</b>	<a href="https://www.mccsemi.com/Contact/Index">https://www.mccsemi.com/Contact/Index</a>			
<b>Products:</b>	<a href="https://www.mccsemi.com/ProductCategories">https://www.mccsemi.com/ProductCategories</a>			
<b>DISCLAIMER</b>				
Unless a MCC Sales representative is contacted in writing within 30 days of the posting of this notice, all changes described in this announcement are considered approved.				

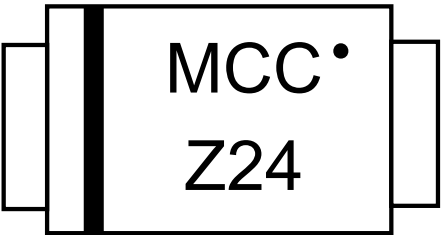
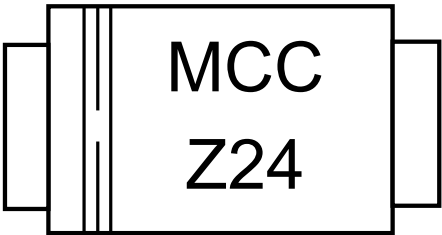
Table A - Appearance comparison	
Old	New
	

Table B - List of affected products

SMAZ5V1-TP	SMAJ4735A-TP	SMAJ4757A-TP	SMAJ5932B-TP	SMAJ5954B-TP	3SMAJ5937B-TP
SMAZ5V6-TP	SMAJ4736A-TP	SMAJ4758A-TP	SMAJ5933B-TP	SMAJ5955B-TP	3SMAJ5938B-TP
SMAZ6V2-TP	SMAJ4737A-TP	SMAJ4759A-TP	SMAJ5934B-TP	SMAJ5956B-TP	3SMAJ5939B-TP
SMAZ6V8-TP	SMAJ4738A-TP	SMAJ4760A-TP	SMAJ5935B-TP	3SMAJ5918B-TP	3SMAJ5940B-TP
SMAZ7V5-TP	SMAJ4739A-TP	SMAJ4761A-TP	SMAJ5936B-TP	3SMAJ5919B-TP	3SMAJ5941B-TP
SMAZ8V2-TP	SMAJ4740A-TP	SMAJ4762A-TP	SMAJ5937B-TP	3SMAJ5920B-TP	3SMAJ5942B-TP
SMAZ9V1-TP	SMAJ4741A-TP	SMAJ4763A-TP	SMAJ5938B-TP	3SMAJ5921B-TP	3SMAJ5943B-TP
SMAZ10-TP	SMAJ4742A-TP	SMAJ4764A-TP	SMAJ5939B-TP	3SMAJ5922B-TP	3SMAJ5944B-TP
SMAZ12-TP	SMAJ4743A-TP	SMAJ5918B-TP	SMAJ5940B-TP	3SMAJ5923B-TP	3SMAJ5945B-TP
SMAZ15-TP	SMAJ4744A-TP	SMAJ5919B-TP	SMAJ5941B-TP	3SMAJ5924B-TP	3SMAJ5946B-TP
SMAZ16-TP	SMAJ4745A-TP	SMAJ5920B-TP	SMAJ5942B-TP	3SMAJ5925B-TP	3SMAJ5947B-TP
SMAZ18-TP	SMAJ4746A-TP	SMAJ5921B-TP	SMAJ5943B-TP	3SMAJ5926B-TP	3SMAJ5948B-TP
SMAZ20-TP	SMAJ4747A-TP	SMAJ5922B-TP	SMAJ5944B-TP	3SMAJ5927B-TP	3SMAJ5949B-TP
SMAZ22-TP	SMAJ4748A-TP	SMAJ5923B-TP	SMAJ5945B-TP	3SMAJ5928B-TP	3SMAJ5950B-TP
SMAZ24-TP	SMAJ4749A-TP	SMAJ5924B-TP	SMAJ5946B-TP	3SMAJ5929B-TP	3SMAJ5951B-TP
SMAZ27-TP	SMAJ4750A-TP	SMAJ5925B-TP	SMAJ5947B-TP	3SMAJ5930B-TP	3SMAJ5952B-TP
SMAZ30-TP	SMAJ4751A-TP	SMAJ5926B-TP	SMAJ5948B-TP	3SMAJ5931B-TP	3SMAJ5953B-TP
SMAZ33-TP	SMAJ4752A-TP	SMAJ5927B-TP	SMAJ5949B-TP	3SMAJ5932B-TP	3SMAJ5954B-TP
SMAZ36-TP	SMAJ4753A-TP	SMAJ5928B-TP	SMAJ5950B-TP	3SMAJ5933B-TP	3SMAJ5955B-TP
SMAZ39-TP	SMAJ4754A-TP	SMAJ5929B-TP	SMAJ5951B-TP	3SMAJ5934B-TP	3SMAJ5956B-TP
SMAJ4733A-TP	SMAJ4755A-TP	SMAJ5930B-TP	SMAJ5952B-TP	3SMAJ5935B-TP	
SMAJ4734A-TP	SMAJ4756A-TP	SMAJ5931B-TP	SMAJ5953B-TP	3SMAJ5936B-TP	

# Reliability Report

**Part Number: SMAZ24-TP**

**Date: 2020-8-16**

## Test Results

Test Item	Conditions	Duration	Quantity	Rejects
<b>TEST</b> Pre- and Post-Stress Electrical Test	T <sub>a</sub> = 25 °C	N/A	all parts	see below
<b>PC</b> Preconditioning	JESD22A-113 Bake T <sub>a</sub> = 125 °C Soak T <sub>a</sub> = 85 °C, RH = 85% Reflow soldering	24 hours 168 hours 3 cycles	308Pcs * 3Lot	0
<b>SSOP</b> Steady State Operational	MIL-STD-750-1M1038 T <sub>a</sub> = 25±5 °C, PD=Max(Izm=PD/VZ)	1000 hours	77Pcs * 3Lot	0
<b>TC</b> Temperature Cycling	JESD22-A104 -55 °C to T <sub>jmax</sub>	1000 cycles	77Pcs * 3Lot	0
<b>AC</b> Autoclave	JESD22-A102 T <sub>a</sub> = 121 °C, RH = 100 % Pressure = 2atm	96 hours	77Pcs * 3Lot	0
<b>H3TRB</b> High Humidity High Temperature Reverse Bias	JESD22-A101 T <sub>a</sub> = 85 °C, RH = 85%, V <sub>R</sub> > 80 % of VZ	1000 hours	77Pcs * 3Lot	0
<b>ESD</b> <b>Human Body Model</b>	JESD22-A114 4 KV	N/A	30Pcs * 1Lot	0
<b>RSH</b> Resistance to Solder Heat	JESD22-A111 / JESD22-B106 260 °C ± 5 °C	10 s	30Pcs * 3Lot	0
<b>SD</b> Solderability	J-STD-002 245 °C ± 5 °C	3 s	10Pcs * 3Lot	0
<b>LTSL</b> Low Temperature Storage Life	JESD22-A119 T <sub>a</sub> ≤ -55 °C	1000 hours	32Pcs * 3Lot	0
<b>HTSL</b> High Temperature Storage Life	JESD22-A103 T <sub>a</sub> ≥ 150 °C	1000 hours	77Pcs * 3Lot	0