



Date: Mar 14, 2022

PCN No#: 031422-1

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
Mar 14, 2022	Jun 14, 2022	Additional Qualified A/T	Major	031422-1
TITLE				
Additional Qualified Assembly and Test(A/T) Site.				
DESCRIPTION OF CHANGE				
This PCN is being issued to notify customers that in order to assure continuity of supply, MCC has qualified additional Assembly and Test 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.				
IMPACT				
No change in datasheet electrical parameters and product performance. Table A: Appearance comparison				
PRODUCTS AFFECTED				
See Table B below for the products affected.				
WEB LINKS				
Terms And Conditions:	https://www.mccsemi.com/Home/TermsAndConditions			
For More Information Contact:	https://www.mccsemi.com/Contact/Index			
Products:	https://www.mccsemi.com/ProductCategories			
DISCLAIMER				
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	
Site 1(Current)	Site 2(New)
	

Table B - List of affected products

SMBJ5918B-TP	SMBJ5941B-TP	3SMBJ5924B-TP	3SMBJ5946B-TP	SMBJ5349B-TP	SMBJ5371B-TP
SMBJ5919B-TP	SMBJ5942B-TP	3SMBJ5925B-TP	3SMBJ5947B-TP	SMBJ5350B-TP	SMBJ5372B-TP
SMBJ5921B-TP	SMBJ5943B-TP	3SMBJ5926B-TP	3SMBJ5948B-TP	SMBJ5351B-TP	SMBJ5373B-TP
SMBJ5922B-TP	SMBJ5944B-TP	3SMBJ5927B-TP	3SMBJ5949B-TP	SMBJ5352B-TP	SMBJ5374B-TP
SMBJ5923B-TP	SMBJ5945B-TP	3SMBJ5928B-TP	3SMBJ5950B-TP	SMBJ5353B-TP	SMBJ5375B-TP
SMBJ5924B-TP	SMBJ5946B-TP	3SMBJ5929B-TP	3SMBJ5951B-TP	SMBJ5354B-TP	SMBJ5376B-TP
SMBJ5925B-TP	SMBJ5947B-TP	3SMBJ5930B-TP	3SMBJ5952B-TP	SMBJ5355B-TP	SMBJ5377B-TP
SMBJ5926B-TP	SMBJ5948B-TP	3SMBJ5931B-TP	3SMBJ5953B-TP	SMBJ5356B-TP	SMBJ5378B-TP
SMBJ5927B-TP	SMBJ5949B-TP	3SMBJ5932B-TP	3SMBJ5954B-TP	SMBJ5357B-TP	SMBJ5379B-TP
SMBJ5928B-TP	SMBJ5950B-TP	3SMBJ5933B-TP	3SMBJ5955B-TP	SMBJ5358B-TP	SMBJ5380B-TP
SMBJ5929B-TP	SMBJ5951B-TP	3SMBJ5934B-TP	3SMBJ5956B-TP	SMBJ5359B-TP	SMBJ5381B-TP
SMBJ5930B-TP	SMBJ5952B-TP	3SMBJ5935B-TP	SMBJ5338B-TP	SMBJ5360B-TP	SMBJ5382B-TP
SMBJ5931B-TP	SMBJ5953B-TP	3SMBJ5936B-TP	SMBJ5339B-TP	SMBJ5361B-TP	SMBJ5383B-TP
SMBJ5932B-TP	SMBJ5954B-TP	3SMBJ5937B-TP	SMBJ5340B-TP	SMBJ5362B-TP	SMBJ5384B-TP
SMBJ5933B-TP	SMBJ5955B-TP	3SMBJ5938B-TP	SMBJ5341B-TP	SMBJ5363B-TP	SMBJ5385B-TP
SMBJ5934B-TP	SMBJ5956B-TP	3SMBJ5939B-TP	SMBJ5342B-TP	SMBJ5364B-TP	SMBJ5386B-TP
SMBJ5935B-TP	3SMBJ5918B-TP	3SMBJ5940B-TP	SMBJ5343B-TP	SMBJ5365B-TP	SMBJ5387B-TP
SMBJ5936B-TP	3SMBJ5919B-TP	3SMBJ5941B-TP	SMBJ5344B-TP	SMBJ5366B-TP	SMBJ5388B-TP
SMBJ5937B-TP	3SMBJ5920B-TP	3SMBJ5942B-TP	SMBJ5345B-TP	SMBJ5367B-TP	
SMBJ5938B-TP	3SMBJ5921B-TP	3SMBJ5943B-TP	SMBJ5346B-TP	SMBJ5368B-TP	
SMBJ5939B-TP	3SMBJ5922B-TP	3SMBJ5944B-TP	SMBJ5347B-TP	SMBJ5369B-TP	
SMBJ5940B-TP	3SMBJ5923B-TP	3SMBJ5945B-TP	SMBJ5348B-TP	SMBJ5370B-TP	



Reliability Report

Part Number: SMBJ5388B-TP

Date: 2022-1-16

Test Results

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