



Date: Oct 25, 2022

PCN No#: 102522-1

PCN Title: Additional Qualified (A/T) Assembly/Test Site And New Die Source

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
Oct 25, 2022	Jan 25, 2023	Additional Qualified A/T and Source	Major	102522-1
TITLE				
Additional Qualified (A/T) Assembly/Test Site And New Die Source				
DESCRIPTION OF CHANGE				
This PCN is being issued to notify customers that in order to assure continuity of supply, MCC has qualified additional (A/T) Assembly/Test site and new die source. 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: Comparison				
PRODUCTS AFFECTED				
See Table B .				
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 - Comparison



Current	New
	

Table B - List of affected products

1N5338B	1N5349B	1N5359B	1N5369B	1N5379B
1N5339B	1N5350B	1N5360B	1N5370B	1N5380B
1N5340B	1N5351B	1N5361B	1N5371B	1N5381B
1N5341B	1N5352B	1N5362B	1N5372B	1N5382B
1N5342B	1N5353B	1N5363B	1N5373B	1N5383B
1N5343B	1N5354B	1N5364B	1N5374B	1N5384B
1N5344B	1N5355B	1N5365B	1N5375B	1N5385B
1N5345B	1N5356B	1N5366B	1N5376B	1N5386B
1N5346B	1N5357B	1N5367B	1N5377B	1N5387B
1N5347B	1N5358B	1N5368B	1N5378B	1N5388B
1N5348B				



Micro Commercial Components

Reliability Report

Part Number: 1N5338B

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
T.S Terminal Strength	MIL-STD-750 Method 2036 W=1Kg	15 s	22Pcs	0
B.S Bending Strength	MIL-STD-750 Method 2036 W=0.5Kg,90±5°	3Times	22Pcs	0
SSOP Steady State Operational	MIL-STD-750 -1 Method 1038 condition B T _j = T _{jmax} T _a =25±5 °C , PD=Max (I _{zm} = PD/VZ)	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% , 100 % 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
HTSL High Temperature Storage Life	JESD22-A103 T _{stg} Max	1000 hours	77Pcs	0