



Date: March 03, 2022

PCN No#: 030322-1

PCN Title: Additional Qualified (A/T) Assembly/Test Equipments

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
March 03, 2022	June 03, 2022	Additional Qualified A/T	Major	030322-1
TITLE				
Additional Qualified (A/T) Assembly/Test Equipments				
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 Equipments. 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: Package outline comparison.				
PRODUCTS AFFECTED				
Table B 、 Table C				
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 - Package outline comparison		
	Current package outline	New package outline
SMB	 	 
SMC	 	 

Table B - List of affected products - SMB

SMBJ5.0A-TP	SMBJ48A-TP	SMBJP6KE7.5CA-TP	SMBJP6KE110CA-TP	FR3KB-TP	UF1Q-TP
SMBJ5.0CA-TP	SMBJ48CA-TP	SMBJP6KE8.2A-TP	SMBJP6KE120A-TP	FR3MB-TP	SK12-LTP
SMBJ6.0A-TP	SMBJ51A-TP	SMBJP6KE8.2CA-TP	SMBJP6KE120CA-TP	FR1A-LTP	SK13-LTP
SMBJ6.0CA-TP	SMBJ51CA-TP	SMBJP6KE9.1A-TP	SMBJP6KE130A-TP	FR1B-LTP	SK14-LTP
SMBJ6.5A-TP	SMBJ54A-TP	SMBJP6KE9.1CA-TP	SMBJP6KE130CA-TP	FR1D-LTP	SK15-LTP
SMBJ6.5CA-TP	SMBJ54CA-TP	SMBJP6KE10A-TP	SMBJP6KE150A-TP	FR1G-LTP	SK16-LTP
SMBJ7.0A-TP	SMBJ58A-TP	SMBJP6KE10CA-TP	SMBJP6KE150CA-TP	FR1J-LTP	SK18-LTP
SMBJ7.0CA-TP	SMBJ58CA-TP	SMBJP6KE11A-TP	SMBJP6KE160A-TP	FR1K-LTP	SK110-LTP
SMBJ7.5A-TP	SMBJ60A-TP	SMBJP6KE11CA-TP	SMBJP6KE160CA-TP	FR1M-LTP	SK22-LTP
SMBJ7.5CA-TP	SMBJ60CA-TP	SMBJP6KE12A-TP	SMBJP6KE170A-TP	ER2A-LTP	SK23-LTP
SMBJ8.0A-TP	SMBJ64A-TP	SMBJP6KE12CA-TP	SMBJP6KE170CA-TP	ER2B-LTP	SK24-LTP
SMBJ8.0CA-TP	SMBJ64CA-TP	SMBJP6KE13A-TP	SMBJP6KE180A-TP	ER2D-LTP	SK25-LTP
SMBJ8.5A-TP	SMBJ70A-TP	SMBJP6KE13CA-TP	SMBJP6KE180CA-TP	ER2G-LTP	SK26-LTP
SMBJ8.5CA-TP	SMBJ70CA-TP	SMBJP6KE15A-TP	SMBJP6KE200A-TP	ER2J-LTP	SK28-LTP
SMBJ9.0A-TP	SMBJ75A-TP	SMBJP6KE15CA-TP	SMBJP6KE200CA-TP	ER3AB-TP	SK210-LTP
SMBJ9.0CA-TP	SMBJ75CA-TP	SMBJP6KE16A-TP	SMBJP6KE220A-TP	ER3BB-TP	SK32B-LTP
SMBJ10A-TP	SMBJ78A-TP	SMBJP6KE16CA-TP	SMBJP6KE220CA-TP	ER3CB-TP	SK33B-LTP
SMBJ10CA-TP	SMBJ78CA-TP	SMBJP6KE18A-TP	SMBJP6KE250AL-TP	ER3DB-TP	SK34B-LTP
SMBJ11A-TP	SMBJ85A-TP	SMBJP6KE18CA-TP	SMBJP6KE300AL-TP	ER3MB-TP	SK35B-LTP
SMBJ11CA-TP	SMBJ85CA-TP	SMBJP6KE20A-TP	SMBJP6KE350AL-TP	ER3JB-TP	SK36B-LTP
SMBJ12A-TP	SMBJ90A-TP	SMBJP6KE20CA-TP	SMBJP6KE400AL-TP	UF1A-TP	SK38B-LTP
SMBJ12CA-TP	SMBJ90CA-TP	SMBJP6KE22A-TP	S2A-LTP	UF1B-TP	SK310B-LTP
SMBJ13A-TP	SMBJ100A-TP	SMBJP6KE22CA-TP	S2B-LTP	UF1D-TP	SK52B-LTP
SMBJ13CA-TP	SMBJ100CA-TP	SMBJP6KE24A-TP	S2D-LTP	UF1G-TP	SK53B-LTP
SMBJ14A-TP	SMBJ110A-TP	SMBJP6KE24CA-TP	S2G-LTP	UF1J-TP	SK54B-LTP
SMBJ14CA-TP	SMBJ110CA-TP	SMBJP6KE27A-TP	S2J-LTP	UF1K-TP	SK55B-LTP
SMBJ15A-TP	SMBJ120A-TP	SMBJP6KE27CA-TP	S2K-LTP	US2A-TP	SK56B-LTP
SMBJ15CA-TP	SMBJ120CA-TP	SMBJP6KE30A-TP	S2M-LTP	US2B-TP	SK58B-LTP
SMBJ16A-TP	SMBJ130A-TP	SMBJP6KE30CA-TP	S3AB-TP	US2C-TP	SK510B-LTP
SMBJ16CA-TP	SMBJ130CA-TP	SMBJP6KE33A-TP	S3BB-TP	US2D-TP	SK2150-LTP
SMBJ17A-TP	SMBJ150A-TP	SMBJP6KE33CA-TP	S3DB-TP	US2G-TP	SK1150-LTP
SMBJ17CA-TP	SMBJ150CA-TP	SMBJP6KE36A-TP	S3GB-TP	US2J-TP	SK1200-LTP
SMBJ18A-TP	SMBJ160A-TP	SMBJP6KE36CA-TP	S3JB-TP	US2K-TP	SK3200B-LTP
SMBJ18CA-TP	SMBJ160CA-TP	SMBJP6KE39A-TP	S3KB-TP	US2M-TP	SK220-L-TP
SMBJ20A-TP	SMBJ170A-TP	SMBJP6KE39CA-TP	S3MB-TP	ER3GB-TP	SK42BL-TP
SMBJ20CA-TP	SMBJ170CA-TP	SMBJP6KE43A-TP	S1B-LTP	ER3KB-TP	SK43BL-TP
SMBJ22A-TP	SMBJ180A-TP	SMBJP6KE43CA-TP	S1D-LTP	UF1M-TP	SK44BL-TP
SMBJ22CA-TP	SMBJ180CA-TP	SMBJP6KE47A-TP	S1G-LTP	ER1A-LTP	SK3150B-LTP
SMBJ24A-TP	SMBJ200A-TP	SMBJP6KE47CA-TP	S1J-LTP	ER1B-LTP	SK520B-LTP
SMBJ24CA-TP	SMBJ200CA-TP	SMBJP6KE51A-TP	S1K-LTP	ER1D-LTP	SK5150B-LTP
SMBJ26A-TP	SMBJ220A-TP	SMBJP6KE51CA-TP	S1M-LTP	ER1G-LTP	SL34B-TP
SMBJ26CA-TP	SMBJ220CA-TP	SMBJP6KE56A-TP	S1A-LTP	ER1J-LTP	SL36B-TP
SMBJ28A-TP	SMBJ220AL-TP	SMBJP6KE56CA-TP	S1Z-LTP	ER1Q-LTP	SL310B-TP
SMBJ28CA-TP	SMBJ220CAL-TP	SMBJP6KE62A-TP	S2Y-LTP	MURS2D-TP	SL54B-TP
SMBJ30A-TP	SMBJ250AL-TP	SMBJP6KE62CA-TP	FR2A-LTP	MURS3GB-TP	SL56B-TP
SMBJ30CA-TP	SMBJ250CAL-TP	SMBJP6KE68A-TP	FR2B-LTP	US2Q-TP	SL510B-TP
SMBJ33A-TP	SMBJ300AL-TP	SMBJP6KE68CA-TP	FR2D-LTP	MURS3JB-TP	SL24B-TP
SMBJ33CA-TP	SMBJ300CAL-TP	SMBJP6KE75A-TP	FR2G-LTP	MURS1JBL-TP	SL26B-TP
SMBJ36A-TP	SMBJ350AL-TP	SMBJP6KE75CA-TP	FR2J-LTP	MURS2J-TP	SL210B-TP
SMBJ36CA-TP	SMBJ350CAL-TP	SMBJP6KE82A-TP	FR2K-LTP	MURS1DBL-TP	SK36BH-LTP
SMBJ40A-TP	SMBJ400AL-TP	SMBJP6KE82CA-TP	FR2M-LTP	UG3AB-TP	SK510BH-LTP
SMBJ40CA-TP	SMBJ400CAL-TP	SMBJP6KE91A-TP	FR3AB-TP	UG3BB-TP	SL115B-TP
SMBJ43A-TP	SMBJ440CAL-TP	SMBJP6KE91CA-TP	FR3BB-TP	UG3CB-TP	
SMBJ43CA-TP	SMBJP6KE6.8A-TP	SMBJP6KE100A-TP	FR3DB-TP	UG3DB-TP	
SMBJ45A-TP	SMBJP6KE6.8CA-TP	SMBJP6KE100CA-TP	FR3GB-TP	UG3GB-TP	
SMBJ45CA-TP	SMBJP6KE7.5A-TP	SMBJP6KE110A-TP	FR3JB-TP	HS2K-TP	

Table B - List of affected products -SMC

SMCJ5.0A-TP	SMCJ36A-TP	SMCJ220A-TP	SMCJ1.5KE62A-TP	S5JL-TP	MURS3D-TP
SMCJ5.0CA-TP	SMCJ36CA-TP	SMCJ220CA-TP	SMCJ1.5KE62CA-TP	S5KL-TP	MURS3G-TP
SMCJ6.0A-TP	SMCJ40A-TP	SMCJ1.5KE6.8A-TP	SMCJ1.5KE68A-TP	S5ML-TP	MURS4J-TP
SMCJ6.0CA-TP	SMCJ40CA-TP	SMCJ1.5KE6.8CA-TP	SMCJ1.5KE68CA-TP	S8ML-TP	ER3JL-TP
SMCJ6.5A-TP	SMCJ43A-TP	SMCJ1.5KE7.5A-TP	SMCJ1.5KE75A-TP	S8BL-TP	SK310-TP
SMCJ6.5CA-TP	SMCJ43CA-TP	SMCJ1.5KE7.5CA-TP	SMCJ1.5KE75CA-TP	S8DL-TP	SK32-TP
SMCJ7.0A-TP	SMCJ45A-TP	SMCJ1.5KE8.2A-TP	SMCJ1.5KE82A-TP	S8GL-TP	SK33-TP
SMCJ7.0CA-TP	SMCJ45CA-TP	SMCJ1.5KE8.2CA-TP	SMCJ1.5KE82CA-TP	S8AL-TP	SK34-TP
SMCJ7.5A-TP	SMCJ48A-TP	SMCJ1.5KE9.1A-TP	SMCJ1.5KE91A-TP	S8JL-TP	SK36-TP
SMCJ7.5CA-TP	SMCJ48CA-TP	SMCJ1.5KE9.1CA-TP	SMCJ1.5KE91CA-TP	S8KL-TP	SK38-TP
SMCJ8.0A-TP	SMCJ51A-TP	SMCJ1.5KE10A-TP	SMCJ1.5KE100A-TP	S10AL-TP	SK510L-TP
SMCJ8.0CA-TP	SMCJ51CA-TP	SMCJ1.5KE10CA-TP	SMCJ1.5KE100CA-TP	S10BL-TP	SK52L-TP
SMCJ8.5A-TP	SMCJ54A-TP	SMCJ1.5KE11A-TP	SMCJ1.5KE110A-TP	S10DL-TP	SK53L-TP
SMCJ8.5CA-TP	SMCJ54CA-TP	SMCJ1.5KE11CA-TP	SMCJ1.5KE110CA-TP	S10GL-TP	SK54L-TP
SMCJ9.0A-TP	SMCJ58A-TP	SMCJ1.5KE12A-TP	SMCJ1.5KE120A-TP	S10JL-TP	SK56L-TP
SMCJ9.0CA-TP	SMCJ58CA-TP	SMCJ1.5KE12CA-TP	SMCJ1.5KE120CA-TP	S10KL-TP	SK58L-TP
SMCJ10A-TP	SMCJ60A-TP	SMCJ1.5KE13A-TP	SMCJ1.5KE130A-TP	S10ML-TP	SK810L-TP
SMCJ10CA-TP	SMCJ60CA-TP	SMCJ1.5KE13CA-TP	SMCJ1.5KE130CA-TP	S3Q-TP	SK82L-TP
SMCJ11A-TP	SMCJ64A-TP	SMCJ1.5KE15A-TP	SMCJ1.5KE150A-TP	S10DLHE3-TP	SK835L-TP
SMCJ11CA-TP	SMCJ64CA-TP	SMCJ1.5KE15CA-TP	SMCJ1.5KE150CA-TP	FR3A-TP	SK83L-TP
SMCJ12A-TP	SMCJ70A-TP	SMCJ1.5KE16A-TP	SMCJ1.5KE160A-TP	FR3B-TP	SK845L-TP
SMCJ12CA-TP	SMCJ70CA-TP	SMCJ1.5KE16CA-TP	SMCJ1.5KE160CA-TP	FR3D-TP	SK84L-TP
SMCJ13A-TP	SMCJ75A-TP	SMCJ1.5KE18A-TP	SMCJ1.5KE170A-TP	FR3G-TP	SK86L-TP
SMCJ13CA-TP	SMCJ75CA-TP	SMCJ1.5KE18CA-TP	SMCJ1.5KE170CA-TP	FR3J-TP	SK88L-TP
SMCJ14A-TP	SMCJ78A-TP	SMCJ1.5KE20A-TP	SMCJ1.5KE180A-TP	FR3K-TP	SK35-TP
SMCJ14CA-TP	SMCJ78CA-TP	SMCJ1.5KE20CA-TP	SMCJ1.5KE180CA-TP	FR3M-TP	SK62L-TP
SMCJ15A-TP	SMCJ85A-TP	SMCJ1.5KE22A-TP	SMCJ1.5KE200A-TP	ER3A-TP	SK63L-TP
SMCJ15CA-TP	SMCJ85CA-TP	SMCJ1.5KE22CA-TP	SMCJ1.5KE200CA-TP	ER3B-TP	SK64L-TP
SMCJ16A-TP	SMCJ90A-TP	SMCJ1.5KE24A-TP	SMCJ1.5KE220A-TP	ER3C-TP	SK645L-TP
SMCJ16CA-TP	SMCJ90CA-TP	SMCJ1.5KE24CA-TP	SMCJ1.5KE220CA-TP	ER3D-TP	SK65L-TP
SMCJ17A-TP	SMCJ100A-TP	SMCJ1.5KE27A-TP	S3A-TP	ER3K-TP	SK66L-TP
SMCJ17CA-TP	SMCJ100CA-TP	SMCJ1.5KE27CA-TP	S3B-TP	ER3M-TP	SK68L-TP
SMCJ18A-TP	SMCJ110A-TP	SMCJ1.5KE30A-TP	S3D-TP	ER3G-TP	SK610L-TP
SMCJ18CA-TP	SMCJ110CA-TP	SMCJ1.5KE30CA-TP	S3G-TP	ER3J-TP	SK55L-TP
SMCJ20A-TP	SMCJ120A-TP	SMCJ1.5KE33A-TP	S3J-TP	ER5A-TP	SK4200L-TP
SMCJ20CA-TP	SMCJ120CA-TP	SMCJ1.5KE33CA-TP	S3K-TP	ER5B-TP	SK3200-TP
SMCJ22A-TP	SMCJ130A-TP	SMCJ1.5KE36A-TP	S3M-TP	ER5C-TP	SK42L-TP
SMCJ22CA-TP	SMCJ130CA-TP	SMCJ1.5KE36CA-TP	SMLJ60S05-TP	ER5D-TP	SK43L-TP
SMCJ24A-TP	SMCJ150A-TP	SMCJ1.5KE39A-TP	SMLJ60S1-TP	ER5G-TP	SK44L-TP
SMCJ24CA-TP	SMCJ150CA-TP	SMCJ1.5KE39CA-TP	SMLJ60S2-TP	ER5J-TP	SK1045-LTP
SMCJ26A-TP	SMCJ160A-TP	SMCJ1.5KE43A-TP	SMLJ60S4-TP	US5A-TP	SK3150-TP
SMCJ26CA-TP	SMCJ160CA-TP	SMCJ1.5KE43CA-TP	SMLJ60S6-TP	US5B-TP	SK5150L-TP
SMCJ28A-TP	SMCJ170A-TP	SMCJ1.5KE47A-TP	SMLJ60S8-TP	US5D-TP	SK5200L-TP
SMCJ28CA-TP	SMCJ170CA-TP	SMCJ1.5KE47CA-TP	SMLJ60S10-TP	US5F-TP	SL54-TP
SMCJ30A-TP	SMCJ180A-TP	SMCJ1.5KE51A-TP	S5AL-TP	US5G-TP	SL56-TP
SMCJ30CA-TP	SMCJ180CA-TP	SMCJ1.5KE51CA-TP	S5BL-TP	US5J-TP	SL510-TP
SMCJ33A-TP	SMCJ200A-TP	SMCJ1.5KE56A-TP	S5DL-TP	US5K-TP	SK310H-TP
SMCJ33CA-TP	SMCJ200CA-TP	SMCJ1.5KE56CA-TP	S5GL-TP	US5M-TP	SK1010H-LTP



Reliability Report

Part Number: **SMBJ30CA-TP**

Date: **2021-10-06**

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	0
HTRB High Temperature Reverse Bias	JESD22-A108 T _j = T _{jmax} , V _R > 80% of max. breakdown voltage	1000 hours	77Pcs	0
TC Temperature Cycling	JESD22-A104 -55 °C to T _{jmax}	1000 cycles	77Pcs	0
AC Autoclave	JESD22-A102 T _a = 121 °C, RH = 100 % Pressure = 2atm	96 hours	77Pcs	0
H3TRB High Humidity High Temperature Reverse Bias	JESD22-A101 T _a = 85 °C, RH = 85%, V _R > 80 % of rated breakdown voltage	1000 hours	77Pcs	0
VC Clamping Voltage	Pppm=Peak Pulse Power Dissipation IPP=IPP(Max)	5 cycles	77Pcs	0
ESD Human Body Model	JESD22-A114 4 KV	N/A	30Pcs	0
RSH Resistance to Solder Heat	JESD22-A111 / JESD22-B106 260 °C ± 5 °C	10 s	30Pcs	0
SD Solderability	J-STD-002 245 °C ± 5 °C	3 s	10Pcs	0
LTSL Low Temperature Storage Life	JESD22-A119 T _a ≤ -55°C	1000 hours	32Pcs	0
HTSL High Temperature Storage Life	JESD22-A103 T _a ≥ 150°C	1000 hours	77Pcs	0