



130 W Cochran St, Unit B

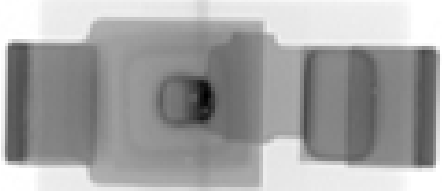
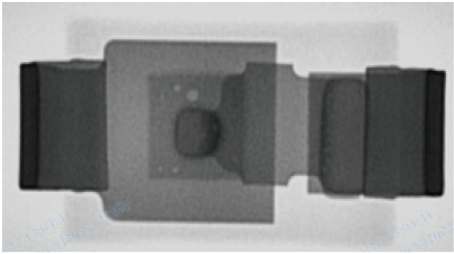
Simi Valley, CA 93065

Tel:818-701-4933

Process Change Notification (PCN)

Notification number:	090325-2
Notification date:	03 Sep. 2025
Proposed implementation date:	03 Dec. 2025 (90 days notification before change, according to JEDEC standard)
Product type affected:	Please refer to table 1 in Appendix 1.
Change Category	Additional Qualified (A/T) Assembly/Test Centre
Change Classification	Major
Change description:	MCC has determined to add a new qualified (A/T) assembly/test centre to support increasing market demand and 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.
Reason for change:	To ensure the ability to continue business operation, it has determined with new qualified (A/T) assembly/test centre , in case of unforeseen event interruption.
Deposition of old product	Existing inventory will ship until depleted.
Identification of Changed product:	No change in datasheet electrical parameters and product performance. Identify the change based on Lot NO & DC of label.
Contact person:	Please contact your respective Account manager (AM) / Inside sales representative (ISR/CSR) if you have further query.
Approved by:	TH Koay (Director of Product) Steve Zhang (Director of Supply Chain) Seaman Wu (Director of Quality) Pamela Cheng (GM & EVP of Sales)

Appendix 1: Table 1

Lead frame comparison and package outline comparison		
Team	Current	New
Lead frame		
Package outline		

Appendix 1: Table 2

List of affected products			
SMA6J10A-TP	SMA6J8.5A-TP	SMAJ36A-TP	SMAJP4KE13A-TP
SMA6J10CA-TP	SMA6J8.5CA-TP	SMAJ36CA-TP	SMAJP4KE13CA-TP
SMA6J11A-TP	SMA6J9.0A-TP	SMAJ40A-TP	SMAJP4KE150A-TP
SMA6J11CA-TP	SMA6J9.0CA-TP	SMAJ40CA-TP	SMAJP4KE150CA-TP
SMA6J12A-TP	SMAJ100A-TP	SMAJ43A-TP	SMAJP4KE15A-TP
SMA6J12CA-TP	SMAJ100CA-TP	SMAJ43CA-TP	SMAJP4KE15CA-TP
SMA6J13A-TP	SMAJ10A-TP	SMAJ45A-TP	SMAJP4KE160A-TP
SMA6J13CA-TP	SMAJ10CA-TP	SMAJ45CA-TP	SMAJP4KE160CA-TP
SMA6J14A-TP	SMAJ110A-TP	SMAJ48A-TP	SMAJP4KE16A-TP
SMA6J14CA-TP	SMAJ110CA-TP	SMAJ48CA-TP	SMAJP4KE16CA-TP
SMA6J15A-TP	SMAJ11A-TP	SMAJ5.0A-TP	SMAJP4KE170A-TP
SMA6J15CA-TP	SMAJ11CA-TP	SMAJ5.0CA-TP	SMAJP4KE170CA-TP
SMA6J16A-TP	SMAJ120A-TP	SMAJ51A-TP	SMAJP4KE180A-TP
SMA6J16CA-TP	SMAJ120CA-TP	SMAJ51CA-TP	SMAJP4KE180CA-TP



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SMA6J17A-TP	SMAJ12A-TP	SMAJ54A-TP	SMAJP4KE18A-TP
SMA6J17CA-TP	SMAJ12CA-TP	SMAJ54CA-TP	SMAJP4KE18CA-TP
SMA6J18A-TP	SMAJ130A-TP	SMAJ58A-TP	SMAJP4KE200A-TP
SMA6J18CA-TP	SMAJ130CA-TP	SMAJ58CA-TP	SMAJP4KE200CA-TP
SMA6J19A-TP	SMAJ13A-TP	SMAJ6.0A-TP	SMAJP4KE20A-TP
SMA6J19CA-TP	SMAJ13CA-TP	SMAJ6.0CA-TP	SMAJP4KE20CA-TP
SMA6J20A-TP	SMAJ140A-TP	SMAJ6.5A-TP	SMAJP4KE220A-TP
SMA6J20CA-TP	SMAJ140CA-TP	SMAJ6.5CA-TP	SMAJP4KE220CA-TP
SMA6J22A-TP	SMAJ14A-TP	SMAJ60A-TP	SMAJP4KE22A-TP
SMA6J22CA-TP	SMAJ14CA-TP	SMAJ60CA-TP	SMAJP4KE22CA-TP
SMA6J24A-TP	SMAJ150A-TP	SMAJ64A-TP	SMAJP4KE24A-TP
SMA6J24CA-TP	SMAJ150CA-TP	SMAJ64CA-TP	SMAJP4KE24CA-TP
SMA6J26A-TP	SMAJ15A-TP	SMAJ7.0A-TP	SMAJP4KE27A-TP
SMA6J26CA-TP	SMAJ15CA-TP	SMAJ7.0CA-TP	SMAJP4KE27CA-TP
SMA6J28A-TP	SMAJ160A-TP	SMAJ7.5A-TP	SMAJP4KE30A-TP
SMA6J28CA-TP	SMAJ160CA-TP	SMAJ7.5CA-TP	SMAJP4KE30CA-TP
SMA6J30A-TP	SMAJ16A-TP	SMAJ70A-TP	SMAJP4KE33A-TP
SMA6J30CA-TP	SMAJ16CA-TP	SMAJ70CA-TP	SMAJP4KE33CA-TP
SMA6J33A-TP	SMAJ170A-TP	SMAJ75A-TP	SMAJP4KE36A-TP
SMA6J33CA-TP	SMAJ170CA-TP	SMAJ75CA-TP	SMAJP4KE36CA-TP
SMA6J36A-TP	SMAJ17A-TP	SMAJ78A-TP	SMAJP4KE39A-TP
SMA6J36CA-TP	SMAJ17CA-TP	SMAJ78CA-TP	SMAJP4KE39CA-TP
SMA6J40A-TP	SMAJ180A-TP	SMAJ8.0A-TP	SMAJP4KE43A-TP
SMA6J40CA-TP	SMAJ180CA-TP	SMAJ8.0CA-TP	SMAJP4KE43CA-TP
SMA6J43A-TP	SMAJ18A-TP	SMAJ8.5A-TP	SMAJP4KE47A-TP
SMA6J43CA-TP	SMAJ18CA-TP	SMAJ8.5CA-TP	SMAJP4KE47CA-TP
SMA6J45A-TP	SMAJ190A-TP	SMAJ80A-TP	SMAJP4KE51A-TP
SMA6J45CA-TP	SMAJ190CA-TP	SMAJ80CA-TP	SMAJP4KE51CA-TP
SMA6J48A-TP	SMAJ19A-TP	SMAJ85A-TP	SMAJP4KE56A-TP
SMA6J48CA-TP	SMAJ19CA-TP	SMAJ85CA-TP	SMAJP4KE56CA-TP
SMA6J5.0A-TP	SMAJ200A-TP	SMAJ9.0A-TP	SMAJP4KE6.8A-TP
SMA6J5.0CA-TP	SMAJ200CA-TP	SMAJ9.0CA-TP	SMAJP4KE6.8CA-TP
SMA6J51A-TP	SMAJ20A-TP	SMAJ90A-TP	SMAJP4KE62A-TP
SMA6J51CA-TP	SMAJ20CA-TP	SMAJ90CA-TP	SMAJP4KE62CA-TP
SMA6J54A-TP	SMAJ220A-TP	SMAJP4KE100A-TP	SMAJP4KE68A-TP
SMA6J54CA-TP	SMAJ220CA-TP	SMAJP4KE100CA-TP	SMAJP4KE68CA-TP
SMA6J58A-TP	SMAJ22A-TP	SMAJP4KE10A-TP	SMAJP4KE7.5A-TP



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SMA6J58CA-TP	SMAJ22CA-TP	SMAJP4KE10CA-TP	SMAJP4KE7.5CA-TP
SMA6J6.0A-TP	SMAJ24A-TP	SMAJP4KE110A-TP	SMAJP4KE75A-TP
SMA6J6.0CA-TP	SMAJ24CA-TP	SMAJP4KE110CA-TP	SMAJP4KE75CA-TP
SMA6J6.5A-TP	SMAJ26A-TP	SMAJP4KE11A-TP	SMAJP4KE8.2A-TP
SMA6J6.5CA-TP	SMAJ26CA-TP	SMAJP4KE11CA-TP	SMAJP4KE8.2CA-TP
SMA6J7.0A-TP	SMAJ28A-TP	SMAJP4KE120A-TP	SMAJP4KE82A-TP
SMA6J7.0CA-TP	SMAJ28CA-TP	SMAJP4KE120CA-TP	SMAJP4KE82CA-TP
SMA6J7.5A-TP	SMAJ30A-TP	SMAJP4KE12A-TP	SMAJP4KE9.1A-TP
SMA6J7.5CA-TP	SMAJ30CA-TP	SMAJP4KE12CA-TP	SMAJP4KE9.1CA-TP
SMA6J8.0A-TP	SMAJ33A-TP	SMAJP4KE130A-TP	SMAJP4KE91A-TP
SMA6J8.0CA-TP	SMAJ33CA-TP	SMAJP4KE130CA-TP	SMAJP4KE91CA-TP
SMAJ10A-TP-HF	SMAJ22A-TP-HF	SMAJ30A-TP-HF	SMAJ5.0A-TP-HF
SMAJ12CA-TP-HF	SMAJ22CA-TP-HF	SMAJ36A-TP-HF	SMAJ70A-TP-HF
SMAJ14A-TP-HF	SMAJ24CA-TP-HF	SMAJ43CA-TP-HF	SMAJP4KE24A-TP-HF
SMAJ180A-TP-HF	SMAJ26A-TP-HF	SMAJ45CA-TP-HF	SMAJ13A-TPS02
SMA6J24CA-TP-HF	SMA6J58A-TP-HF	SMAJP4KE220AL-TP	SMAJP4KE250AL-TP
SMAJP4KE300AL-TP	SMAJP4KE350AL-TP		



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Reliability Report

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	JESD22A-113 1. Temperature Cycling: -40 °C ~ 60 °C , 2. Bake: 125 °C , 3.1 Moisture Soak: 85 °C , 85% RH for MSL1 or 3.2 Moisture Soak: 30 °C , 60% RH for MSL3; 4. Reflow*3Cycles: 260 °C	5Cycles; 24 hours; 168hours 192hours 3Cycles	308Pcs	0
HTRB High Temperature Reverse Bias	MIL-STD-750 Method 1038 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
IOL Intermittent Operating Life	MIL-STD-750 Method 1037 ON 2Min/OFF 2min, devices powered to insure , ΔT _j ≥ 100 °C	15000 cycles (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



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Date: 03 Sep. 2025

PCN #: 090325-2

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

Dear Customer.

This is a PCN announcement to the above-mentioned product which is/are offered by Micro Commercial Components Corp (MCC). We would appreciate your acknowledgement of receipt of this notification within 30 days of the date of this PCN to your local ISR, sales representative. Please refer to the attached document for more information (including implementation date / product date code of this change). If you have any questions or concerns related to this PCN, please contact your local sales representative / ISR for support. *Sincerely, MCC PCN Team*

Thank you.

Yours sincerely,

PCN Team