



130 W Cochran St, Unit B
Simi Valley, CA 93065
Tel:818-701-4933

Process Change Notification (PCN)

Notification number:	040725-1
Notification date:	07 Apr 2025
Proposed implementation date:	07 Apr 2025
Product type affected:	Please refer to table 1 in Appendix 1.
Change Category	Amendment on datasheet
Change Classification	Major
Change description:	To increase the maximum testing range of of $R_{DS(on)}$:
Reason for change:	Improve FT yield
Deposition of old product	NA
Identification of Changed product:	No changes to product marking
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)



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Appendix 1: Table 1

Product	Package Type	Test Condition	Before Max(mΩ)	After Max(mΩ)
MCW075N60FH-BP	TO-247	RDS(on)@VGS=10V, ID=20A	75	78
MCW105N60FH-BP	TO-247	RDS(on)@VGS=10V, ID=15.3A	105	114
MCW099N60SH-BP	TO-247	RDS(on)@VGS=10V, ID=15.3A	99	103
MSJPFFR20N60-BP	TO-220F	RDS(on)@VGS=10V, ID=8.5A	193	204
MSJPFR20N60-BP	TO-220AB(H)	RDS(on)@VGS=10V, ID=8.5A	193	204
MCTK075N60FH-TP	TOLL-8L-KS	RDS(on)@VGS=10V, ID=20A	75	78
MCTK105N60FH-TP	TOLL-8L-KS	RDS(on)@VGS=10V, ID=15.3A	105	114
MCTK099N60SH-TP	TOLL-8L-KS	RDS(on)@VGS=10V, ID=15.3A	99	103
MCD5K0N90SH-TP	SOT-223-2L	RDS(on)@VGS=10V, ID=1.4A	5000	5520
MSJWFR60N60-BP	TO-247AB(E)	RDS(on)@VGS=10V, ID=37.5A	30	35
MSJPF11N65A-BP	TO-220F	RDS(on)@VGS=10V, ID=3.2A	380	396
MSJPF11N65-BP	TO-220F	RDS(on)@VGS=10V, ID=5.5A	380	408
MSJU11N65A-TP	DPAK	RDS(on)@VGS=10V, ID=3.2A	380	396
MCU655N65FH-TP	DPAK	RDS(on)@VGS=10V, ID=2.5A	655	672
MCU600N60SH-TP	DPAK	RDS(on)@VGS=10V, ID=2.5A	600	613
MCU5K0N90SH-TP	DPAK	RDS(on)@VGS=10V, ID=1.4A	5000	5160
MCU600N65SH-TP	DPAK	RDS(on)@VGS=10V, ID=2.5A	600	613
MCB075N60SH-TP	D2-PAK	RDS(on)@VGS=10V, ID=20A	75	78
MCPF650N80SHK-BP	TO-220F	RDS(on)@VGS=10V, ID=5.0A	650	660
MCU450N80SHK-TP	DPAK	RDS(on)@VGS=10V, ID=7.1A	450	468
MSJAC11N50B-TP	DFN5060	RDS(on)@VGS=10V, ID=3.8A	380	420
MCPF180N65SH-BP	TO-220F	RDS(on)@VGS=10V, ID=8.5A	180	186
MSJP11N65A-BP	TO-220	RDS(on)@VGS=10V, ID=3.2A	380	396
MSJPF20N65-BP	TO-220F	RDS(on)@VGS=10V, ID=10A	170	180
MSJP20N65-BP	TO-220AB(H)	RDS(on)@VGS=10V, ID=10A	170	180
MCB200N06Y-TP	D2-PAK	RDS(on)@VGS=10V, ID=20A	2.6	2.9
		RDS(on)@VGS=4.5V, ID=15A	3.6	3.9
MCAC95N06Y-TP	DFN5060	RDS(on)@VGS=10V, ID=20A	2.5	2.8
		RDS(on)@VGS=4.5V, ID=15A	3.4	3.8
MCAC95N065Y-TP	DFN5060	RDS(on)@VGS=10V, ID=20A	2.5	2.8
		RDS(on)@VGS=4.5V, ID=15A	3.4	3.8



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Date: 07 Apr 2025

PCN #: 040725-1

PCN Title: Correct Max. $R_{DS(on)}$

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