

Micro Commercial Components Corp.

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

Certificate of RoHS Compliance

Micro Commercial Components Corp. (MCC) hereby certifies that all devices manufactured by MCC with "P" suffix in part numbering system (-BP/-AP/-TP) are in compliance with the Restriction of Hazardous Substances (RoHS) Directive 2002/95/EC(RoHS 1.0) & 2011/65/EU(RoHS 2.0) & 2015/863/EU(RoHS 3.0) and 'China RoHS'.

There are some packages contain Lead(Pb), which are also compliance with RoHS but apply exemption 7(a)&7(c)-1. The Lead exemption declaration and detail packages contains Lead please refer to page2 and page3.

The following table lists the restricted substances and their respective allowable maximum concentration values:

Restricted Substance	Maximum Concentration Value
Cadmium	≤ 100 ppm
Lead	≤ 1000 ppm
Hexavalent chromium	≤ 1000 ppm
Mercury	≤ 1000 ppm
Polybrominated biphenyl (PBB)	≤ 1000 ppm
Polybrominated diphenyl ether (PBDE)	≤ 1000 ppm
Bis(2-ethylhexyl) phthalate (DEHP)	≤ 1000 ppm
Butyl benzyl phthalate (BBP)	≤ 1000 ppm
Dibutyl phthalate (DBP)	≤ 1000 ppm
Diisobutyl phthalate (DIBP)	≤ 1000 ppm

Sincerely,

Micro Commercial Components

VII 5.____

Daisy Wang

QA Manager

Date: Jan.20,2025



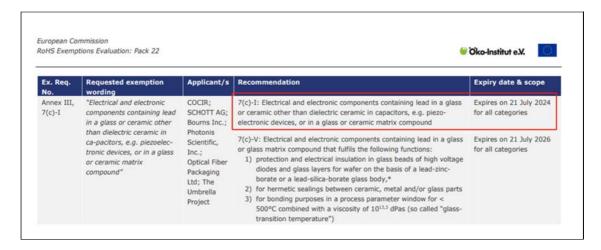
Micro Commercial Components Corp.

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

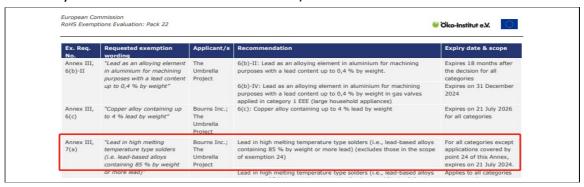
Declaration of Lead Exemption

Micro commercial components Corp.(MCC) hereby declares that the high Pb content in some of our products(detail products see appendix) is in accordance with the European Union exemption clause;

1. The GPP chip in the product use Pb in glass powder which is in accordance with the European Union exemption clause 2011/65/EU 7 (c) -1. Lead in glass or ceramic materials (except ceramic media in capacitors) in electrical and electronic components, such as piezoelectric devices or glass/ceramic composite components.



2. Solder paste/high temperature solder in the product, which complies with the EU exemption 2011/65/EU 7 (a) for lead in high melting temperature solder (i.e., lead-based alloy solder with more than 85% lead).



EU RoHS website:https://rohs.exemptions.oeko.info/fileadmin/user_upload/RoHS_Pack_22/RoHS_Pack-22_final_report_amended_February_2022.pdf



On 6 January 2025, the EU submitted to the WTO three notifications concerning the amendment of the high-frequency use exemption clause in Annex III of the EU RoHS Directive. This includes extending the 7 (a) and 7 (c) -1 expiry date until December 31, 2026. The revised proposal is still under review.

MCC R&D team also working on finding replacement, and so far there is no suitable and cheap solution in the market. MCC will continue to look for suitable replacement plan.



Appendix 1 List of packages compliance with 7(a)

Devices Type	Detail Packages list
Axial Plastic Devices	R-1,R-3,R-6,A-405,DO-41,DO-15,DO-201AD,DO-
	201AE,T-18,LEADED BUTTON,PRESSFIT
SMD Plastic Devices	DO-218AB,DPAK,D2-PAK,LMBS-1,MBS-1,MELF,HSMA,HSMB,HSMC,RA,
	SRA,SDB-1,SMAE,SMA,SMB,SMC,SOD-123FL,SOD-123HT,
	SMAL,SMBF,SMG,SMPA,TO-262,TO-262L,SMA-FL,SMAG,SMBG,SMCG,
	RA BUTTON,SRA BUTTON,TO-277A,TO-277B,SDBL-1,MBLS-1,DO-218AB,
	SOD-323F,SOD-123HE, SOD-123HL, SOD-123TFL,SOD-123HE1,SOD-
	323HE, SOD-323HE-B, SOD-323HL, SOT-223-2L, STO-220,TBS, TBSL,
	TBL , T2PAK, TBN, TBSG
	TO-277, SOD-323FH,TOLL,DFN3333,DFN3333-8, DFN5060,DFN5060-C,
	DFN5060-DSC,SME,SMG, LFPAK56E, PDFN3333, PDFN3333-B, PDFN5060-8D
THRO-HOLE	TO-126,TO-220AB(B),TO-220AC,ITO-220AB,ITO-220AC,TO-
Plastic Devices	220AB(H), ITO-220,TO-220,TO-220F,TO-247, TO-247-4, TO-247-4L,
	TO-247AB(E),TO-247AB,TO-247AC, TO-247AD, TO-247Plus,TO-
	3P,TO-220,BUTTON,TO-18,TO-39,TO-3,TO-66,TO-262,TO-262L, TO-
	263-7, TO-263-7L, TO-263AC, TO-264P,RB-5,WOM,WOL,BR-6,BR-
	8D,KBP,KBPL,KBPC,KBPM,KBU,KBJ,KBJL,
	PB-3,PB-6,PB-10,GBU,GBJ,GBJL,GBL,GBP,GBPC,GBPC-W,GBPC-H, GBPC-
	L,RS-1, RS-4L,RS-4M,RS-6,RS-6M,DBL-1,TO-251,TO-251S,D3K,RS-
	15M,RS-20M,
	RS-25M,MB-35(W),MP-50(W),MT, DB-1,MB-1,KBPR,AK, MT-35A, JB,
	JA,JC, D3K,TSB-5,AK, GJ, SGBJ, SKBPC75, SKBPC, TOLL-8L-KS
MODULE	FJ,F1,F2,F3,F4,F5,D1,D2,D3,D4,L1,L2,M1,M2,M3,M4,M5,T1,T2,D1N,
	C1,C2,E1,E2,E1A,E2A,W1,W2,W3,W4,E3,MT-W
	TO-247AB(E),TO-247AB,TO-247AC, TO-247AD, TO-247Plus,TO-3P,TO-220,BUTTON,TO-18,TO-39,TO-3,TO-66,TO-262,TO-262L, TO-263-7, TO-263-7L, TO-263AC, TO-264P,RB-5,WOM,WOL,BR-6,BR-8D,KBP,KBPL,KBPC,KBPM,KBU,KBJ,KBJL, PB-3,PB-6,PB-10,GBU,GBJ,GBJL,GBL,GBP,GBPC,GBPC-W,GBPC-H, GBPC-L,RS-1, RS-4L,RS-4M,RS-6,RS-6M,DBL-1,TO-251,TO-251S,D3K,RS-15M,RS-20M, RS-25M,MB-35(W),MP-50(W),MT, DB-1,MB-1,KBPR,AK, MT-35A, JB, JA,JC, D3K,TSB-5,AK, GJ, SGBJ, SKBPC75, SKBPC, TOLL-8L-KS FJ,F1,F2,F3,F4,F5,D1,D2,D3,D4,L1,L2,M1,M2,M3,M4,M5,T1,T2,D1N,

Appendix 2 List of packages compliance with 7(c) -1

Devices Type	Detail Packages list
Axial Plastic Devices	R-1,R-3,R-6,A-405,DO-41,DO-15,DO-201AD,DO-201AE
SMD Plastic Devices	DO-218AB, DO-221AC ,LMBS-1,MBS-1, SMA,SMB,SMC,SOD- 123FL,SOD-123HT,
	SMAL,SMBF,SMG,SMPA ,SMA-FL,SMAG,SMBG,SMCG, TO-277,SDBL-
	1,MBLS-1, SOD-323F,SOD-123HE,SOD-123HE1,SOD-323HE, TBS, TBSL, TBL ,TO-277, SOD-323FH,TOLL, SME,SMG
THRO-HOLE Plastic Devices	KBP,KBPL,KBPC,KBPM,KBU,KBJ,KBJL,GBU,GBJ,GBJL,GBL,GBP,GBPC,GBPC-W,GBPC-H,DBL-1,D3K,DB-1,MB-1,KBPR, JB, JA, JC,D3K

Notes: Same package may use different type of chip, the above package information is only for reference, if need clear information, please check the product part number.