



## Discontinuation of selected product range for industrial thin film chip series MCx professional.

**DESCRIPTION OF CHANGE:** Discontinuation of

MCA 1206 TC50 / 1% and TC50 / 0,5% > 480K

MCU 0805 TC50 / 1% and TC50 / 0,5% > 2M00

MCT 0603 TC50 / 1% and TC50 / 0,5% > 2M00

MCS 0402 TC50 / 1% and TC50 / 0,5% > 1M00

with partial technical replacement, see appendix B. Some of the affected products can be replaced by either MELF or automotive chip. Some selective items will not be able to have replacement in VISHAY DBR thin film technology.

**REASON FOR CHANGE:** Unviable and non-profitable manufacturing.

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:** n.a.

**PART NUMBERS/SERIES/FAMILIES AFFECTED:** Please see materials list on the succeeding page.

**VISHAY BRAND(s):** Vishay Beyschlag

**TIME SCHEDULE:**

Last Time Buy Date: Sun Apr 30, 2023

Last Time Ship Date: Tue Oct 31, 2023

**SAMPLE AVAILABILITY:** n.a.

**PRODUCT IDENTIFICATION:** n.a.

**QUALIFICATION DATA:** n.a.

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before Wed Nov 30, 2022 or as specified by contract.**

**ISSUED BY:** Hauke Lehmann, hauke.lehmann@vishay.com

**For further information, please contact your regional Vishay office.**

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# Product Termination Notification

Product Group: DBR/Fri Oct 28, 2022/PTN-DBR-00013-2022-REV-0

MCS04020C1005FE000	MCS04020C1024FE000	MCS04020C1074FE000	MCS04020C1104FE000	MCS04020C1104FE00S
MCS04020C1134FE000	MCS04020C1204FE000	MCS04020C1214FE000	MCS04020C1214FE00S	MCS04020C1244FE000
MCS04020C1274FE000	MCS04020C1304FE000	MCS04020C1334FE000	MCS04020C1404FE000	MCS04020C1434FE000
MCS04020C1474FE000	MCS04020C1504FE000	MCS04020C1504FE00S	MCS04020C1544FE000	MCS04020C1604FE000
MCS04020C1624FE000	MCS04020C1654FE000	MCS04020C1744FE000	MCS04020C1804FE000	MCS04020C1804FE00S
MCS04020C1824FE000	MCS04020C1914FE000	MCS04020C1964FE000	MCS04020C2004FE000	MCS04020C2154FE000
MCS04020C2204FE000	MCS04020C2204FE500	MCS04020C2214FE000	MCS04020C2214FE00S	MCS04020C2324FE000
MCS04020C2404FE000	MCS04020C2494FE000	MCS04020C2494FE00S	MCS04020C2554FE000	MCS04020C2704FE000
MCS04020C2744FE000	MCS04020C3004FE000	MCS04020C3014FE000	MCS04020C3164FE000	MCS04020C3304FE000
MCS04020C3324FE000	MCS04020C3324FE00S	MCS04020C3324FP500	MCS04020C3364FE000	MCS04020C3484FE000
MCS04020C3604FE000	MCS04020C3654FE000	MCS04020C3904FE000	MCS04020C3924FE000	MCS04020C4304FE000
MCS04020C4644FE000	MCS04020C4704FE000	MCS04020C4754FE000	MCS04020C4754FE00S	MCS04020C4874FE000
MCS04020C4994FE000	MCS04020C5104FE000	MCS04020C9094FE000	MCS04020C9104FE000	MCS04020C9314FE000
MCT06030C9534FE000	MCT06030C1005FP500	MCT06030C1005FP50S	MCT06030C1005FPW00	MCT06030C2054FP500
MCT06030C2104FP500	MCT06030C2154FP500	MCT06030C2154FP50S	MCT06030C2204FP500	MCT06030C2204FPW00
MCT06030C2214FP500	MCT06030C2214FP50S	MCT06030C2214FPW00	MCT06030C2214FPW0S	MCT06030C2264FP500
MCT06030C2374FP500	MCT06030C2404FP500	MCT06030C2404FP50S	MCT06030C2434FP500	MCT06030C2494FP500
MCT06030C2494FP50S	MCT06030C2554FP500	MCT06030C2614FP500	MCT06030C2674FP500	MCT06030C2704FP500
MCT06030C2704FPW00	MCT06030C2744FP500	MCT06030C2744FP50S	MCT06030C2804FP500	MCT06030C2874FP500
MCT06030C3004FP500	MCT06030C3014FP500	MCT06030C3094FP500	MCT06030C3164FP500	MCT06030C3304FP500
MCT06030C3304FP50S	MCT06030C3304FPW00	MCT06030C3324FP500	MCT06030C3324FP50S	MCT06030C3484FP500
MCT06030C3574FP500	MCT06030C3604FP500	MCT06030C3654FP500	MCT06030C3834FP500	MCT06030C3904FP500
MCT06030C3904FP50S	MCT06030C3924FP500	MCT06030C4024FP500	MCT06030C4224FP500	MCT06030C4304FP500
MCT06030C4304FP50S	MCT06030C4304FPW00	MCT06030C4324FP500	MCT06030C4324FP50S	MCT06030C4424FP500
MCT06030C4534FP500	MCT06030C4644FP500	MCT06030C4704FP500	MCT06030C4704FP50S	MCT06030C4704FPW00
MCT06030C4754FP500	MCT06030C4754FP50S	MCT06030C4874FP500	MCT06030C4994FP500	MCT06030C5104FP500
MCT06030C5114FP500	MCT06030C5364FP500	MCT06030C5604FP500	MCT06030C5604FPW00	MCT06030C5624FP500
MCT06030C5904FP500	MCT06030C6194FP500	MCT06030C6204FP500	MCT06030C6804FP500	MCT06030C6804FPW00
MCT06030C6814FP500	MCT06030C6814FP50S	MCT06030C7504FP500	MCT06030C7874FP500	MCT06030C8064FP500
MCT06030C8204FP500	MCT06030C8254FP500	MCT06030C8454FP500	MCT06030C9094FP500	MCT06030C9104FP500
MCT06030C9534FP500	MCU08050C1005FP500	MCU08050C1005FPW00	MCU08050C2204FP500	MCU08050C2204FP50S
MCU08050C2214FP500	MCU08050C2404FP500	MCU08050C2704FP500	MCU08050C2744FP500	MCU08050C2804FP500
MCU08050C3004FP500	MCU08050C3014FP500	MCU08050C3304FP500	MCU08050C3324FP500	MCU08050C3604FP500
MCU08050C3904FP500	MCU08050C3924FP500	MCU08050C4304FP500	MCU08050C4324FP500	MCU08050C4704FP500
MCU08050C4754FP500	MCU08050C4994FP500	MCU08050C5104FP500	MCU08050C5604FP500	MCU08050C5624FP500
MCU08050C6194FP500	MCU08050C6204FP500	MCU08050C6804FP500	MCU08050C6814FP500	MCU08050C7504FP500
MCU08050C8204FP500	MCU08050C8254FP500	MCU08050C9094FP500	MCU08050C9104FP500	MCA12060C1004DP500
MCA12060C1004FP500	MCA12060C1214FP500	MCA12060C1404FP500	MCA12060C1504FP500	MCA12060C2004FP500
MCA12060C2214FP500	MCA12060C4873FP500	MCA12060C5103FP500	MCA12060C5603FP500	MCA12060C6813FP500
MCA12060C8203FP500				

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PTN-DBR-00013-2022 Rev0 / Appendix

## Discontinuation of selected product range for industrial thin film chip series MCx professional.

### Appendix A

In summary, all part numbers coded in following table are affected by this PTN.

<u>Part Number</u>	<u>Explanation</u>
MCA12060CrrrrFpp..	all available R-values (rrrr) <b>above 480K</b> affected in <b>TC50 / 1%</b> all available packaging codes (pp) affected
MCA12060CrrrrDpp..	all available R-values (rrrr) <b>above 480K</b> affected in <b>TC50 / 0,5%</b> all available packaging codes (pp) affected
MCU08050CrrrrFpp..	all available R-values (rrrr) <b>above 2M00</b> affected in <b>TC50 / 1%</b> all available packaging codes (pp) affected
MCU08050CrrrrDpp..	all available R-values (rrrr) <b>above 2M00</b> affected in <b>TC50 / 0,5%</b> all available packaging codes (pp) affected
MCT06030CrrrrFpp..	all available R-values (rrrr) <b>above 2M00</b> affected in <b>TC50 / 1%</b> all available packaging codes (pp) affected
MCT06030CrrrrDpp..	all available R-values (rrrr) <b>above 2M00</b> affected in <b>TC50 / 0,5%</b> all available packaging codes (pp) affected
MCS04020CrrrrFpp..	all available R-values (rrrr) <b>above 1M00</b> affected in <b>TC50 / 1%</b> all available packaging codes (pp) affected
MCS04020CrrrrDpp..	all available R-values (rrrr) <b>above 1M00</b> affected in <b>TC50 / 0,5%</b> all available packaging codes (pp) affected

# Appendix B

Recommended VISHAY DBR replacement where applicable.

discontinued VISHAY PN	recommended VISHAY DBR replacement
MCS04020C1024FE000	n.a.
MCS04020C1074FE000	n.a.
MCS04020C1104FE000	n.a.
MCS04020C1104FE00S	n.a.
MCS04020C1134FE000	n.a.
MCS04020C1204FE000	n.a.
MCS04020C1214FE000	n.a.
MCS04020C1214FE00S	n.a.
MCS04020C1244FE000	n.a.
MCS04020C1274FE000	n.a.
MCS04020C1304FE000	n.a.
MCS04020C1334FE000	n.a.
MCS04020C1404FE000	n.a.
MCS04020C1434FE000	n.a.
MCS04020C1474FE000	n.a.
MCS04020C1504FE000	n.a.
MCS04020C1504FE00S	n.a.
MCS04020C1544FE000	n.a.
MCS04020C1604FE000	n.a.
MCS04020C1624FE000	n.a.
MCS04020C1654FE000	n.a.
MCS04020C1744FE000	n.a.
MCS04020C1804FE000	n.a.
MCS04020C1804FE00S	n.a.
MCS04020C1824FE000	n.a.
MCS04020C1914FE000	n.a.
MCS04020C1964FE000	n.a.
MCS04020C2004FE000	n.a.
MCS04020C2154FE000	n.a.
MCS04020C2204FE000	n.a.
MCS04020C2204FE500	n.a.

MCS04020C2214FE000	n.a.
MCS04020C2214FE00S	n.a.
MCS04020C2324FE000	n.a.
MCS04020C2404FE000	n.a.
MCS04020C2494FE000	n.a.
MCS04020C2494FE00S	n.a.
MCS04020C2554FE000	n.a.
MCS04020C2704FE000	n.a.
MCS04020C2744FE000	n.a.
MCS04020C3004FE000	n.a.
MCS04020C3014FE000	n.a.
MCS04020C3164FE000	n.a.
MCS04020C3304FE000	n.a.
MCS04020C3324FE000	n.a.
MCS04020C3324FE00S	n.a.
MCS04020C3324FP500	n.a.
MCS04020C3364FE000	n.a.
MCS04020C3484FE000	n.a.
MCS04020C3604FE000	n.a.
MCS04020C3654FE000	n.a.
MCS04020C3904FE000	n.a.
MCS04020C3924FE000	n.a.
MCS04020C4304FE000	n.a.
MCS04020C4644FE000	n.a.
MCS04020C4704FE000	n.a.
MCS04020C4754FE000	n.a.
MCS04020C4754FE00S	n.a.
MCS04020C4874FE000	n.a.
MCS04020C4994FE000	n.a.
MCS04020C5104FE000	n.a.
MCS04020C9094FE000	n.a.
MCS04020C9104FE000	n.a.
MCS04020C9314FE000	n.a.
MCS04020C9534FE000	n.a.
MCS04020C1005FE000	n.a.
MCT06030C2054FP500	n.a.
MCT06030C2104FP500	n.a.
MCT06030C2154FP500	n.a.

MCT06030C2154FP50S	n.a.
MCT06030C2204FP500	n.a.
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MCT06030C2214FP50S	n.a.
MCT06030C2214FPW00	n.a.
MCT06030C2214FPW0S	n.a.
MCT06030C2264FP500	n.a.
MCT06030C2374FP500	n.a.
MCT06030C2404FP500	n.a.
MCT06030C2404FP50S	n.a.
MCT06030C2434FP500	n.a.
MCT06030C2494FP500	n.a.
MCT06030C2494FP50S	n.a.
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MCT06030C3304FPW00	n.a.
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MCT06030C3904FP500	n.a.

MCT06030C3904FP50S	n.a.
MCT06030C3924FP500	n.a.
MCT06030C4024FP500	n.a.
MCT06030C4224FP500	n.a.
MCT06030C4304FP500	n.a.
MCT06030C4304FP50S	n.a.
MCT06030C4304FPW00	n.a.
MCT06030C4324FP500	n.a.
MCT06030C4324FP50S	n.a.
MCT06030C4424FP500	n.a.
MCT06030C4534FP500	n.a.
MCT06030C4644FP500	n.a.
MCT06030C4704FP500	n.a.
MCT06030C4704FP50S	n.a.
MCT06030C4704FPW00	n.a.
MCT06030C4754FP500	n.a.
MCT06030C4754FP50S	n.a.
MCT06030C4874FP500	n.a.
MCT06030C4994FP500	n.a.
MCT06030C5104FP500	n.a.
MCT06030C5114FP500	n.a.
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MCT06030C5604FPW00	n.a.
MCT06030C5624FP500	n.a.
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MCT06030C1005FP50S	n.a.
MCT06030C1005FPW00	n.a.
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MCU08050C9094FP500	n.a.
MCU08050C9104FP500	n.a.
MCU08050C1005FP500	n.a.



MCU08050C1005FPW00	n.a.
MCA12060C4873FP500	MCA1206MD4873BP500 or MMA02040C4873FB300
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MCA12060C5603FP500	MCA1206MD5603BP500 or MMA02040C5603FB300
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MCA12060C1004FP500	MCA1206MD1004BP500 or MMA02040C1004FB300
MCA12060C1214FP500	MCA1206MD1214BP500 or MMA02040C1214FB300
MCA12060C1404FP500	MCA1206MD1404BP500 or MMA02040C1404FB300
MCA12060C1504FP500	MCA1206MD1504BP500 or MMA02040C1504FB300
MCA12060C2004FP500	MCA1206MD2004BP500 or MMA02040C2004FB300
MCA12060C2214FP500	MCA1206MD2214BP500 or MMA02040C2214FB300