



Product Change Notification / MFOL-28ZQNR108

Date:

29-Jul-2024

Product Category:

8-Bit Microcontrollers, Digital Temperature Sensors, Interface- Controller Area Network (CAN), Interface- LIN Transceiver, Ionization Smoke Detector Front Ends, LIN Transceiver With Vreg, Linear Regulators, Photoelectric/Ionization Smoke Detector, Piezoelectric Horn Drivers And CO Detector

PCN Type:

End of Life

Notification Subject:

eSign# EOL0000248: End of Life (EOL) of selected MCP179x, MCP200x, MCP202x, MCP2551x, PIC16F1829LINx, AA568C1x, RE280S16TF, RE352SS20T, RE356SS20T, RE46C1x, RE46C2x, RE46C3x, RE46C80x, and MIC184YMx device families.

Affected CPNs:

[MFOL-28ZQNR108_Affected_CPN_07292024.pdf](#)

[MFOL-28ZQNR108_Affected_CPN_07292024.csv](#)

Notification Text:

PCN Status:End of Life (EOL) Notification

Microchip Parts Affected:Please open one of the files found in the Affected CPNs section.

The list of affected CPNs with its corresponding replacement parts (if applicable) can be found on the attachments field labeled as PCN_#_Suggested Replacements.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

EOL Description:The MCP179x, MCP200x, MCP202x, MCP2551x, PIC16F1829LINx, AA568C1x, RE280S16TF, RE352SS20T, RE356SS20T, RE46C1x, RE46C2x, RE46C3x, RE46C80x, and MIC184YMx device families will be moving to End of Life (EOL) status effective today. These device families will no longer be offered after December 31, 2025. Please review the attached parts affected list below for details about replacement parts if

applicable.

Note: If replacement parts are not listed in the attached list please contact your [Local Sales Representative](#)

Reason for EOL:No longer have manufacturing support for the CPN listed in the attachment.

Estimated Effective Dates:Customers affected by this EOL notice are advised to place last time buy (LTB) orders as follows:

Last date for bookings (LTB): October 31, 2024

Last date for shipments (LTS): December 31, 2025

Revision History:July 29, 2024: Issued EOL notification.

Attachments:

[PCN_MFOL-28ZQNR108_Suggested Replacements.xlsx](#)

[PCN_MFOL-28ZQNR108_Suggested Replacements.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

MCP2021AT-500E/SNVAO-MB
MCP2021AT-330E/MDVAO
MCP2021AT-330E/SNTSLVAO
MCP1790-3002E/DB
MCP1790-3002E/EB
MCP1790-3302E/DB
MCP1790-3302E/EB
MCP1790-5002E/DB
MCP1790-5002E/DBVAO
MCP1790-5002E/EB
MCP1790T-3002E/DB
MCP1790T-3002E/DBVAO
MCP1790T-3302E/DB
MCP1790T-3302E/DBVAO
MCP1790T-5002E/DB
MCP1790T-5002E/DBVAO
MCP1791T-3302E/DC
MCP1791T-5002E/DC
MCP1791T-5002E/DCVAO
MCP2003A-E/MD
MCP2003A-E/P
MCP2003A-E/SN
MCP2003A-E/SNVAO
MCP2003AT-E/MD
MCP2003AT-E/SN
MCP2003AT-E/SNVAO
MCP2003-E/MD
MCP2003-E/P
MCP2003-E/SN
MCP2003T-E/MD
MCP2003T-E/SN
MCP2003T-E/SNVAO
MCP2004A-E/MD
MCP2004A-E/P
MCP2004A-E/SN
MCP2004A-E/SNVAO
MCP2004AT-E/SN
MCP2004-E/MD
MCP2004-E/P
MCP2004-E/SN
MCP2004T-E/MD
MCP2004T-E/SN
MCP2021A-330E/MD
MCP2021A-330E/MDVAO
MCP2021A-330E/SN
MCP2021A-330E/SNVAO

MFOL-28ZQNR108 - eSign# EOL0000248: End of Life (EOL) of selected MCP179x, MCP200x, MCP202x, MCP2551x, PIC16F1829LINx, AA568C1x, RE280S16TF, RE352SS20T, RE356SS20T, RE46C1x, RE46C2x, RE46C3x, RE46C80x, and MIC184YMx device families.

MCP2021A-500E/MD

MCP2021A-500E/MDVAO

MCP2021A-500E/P

MCP2021A-500E/SN

MCP2021A-500E/SNVAO

MCP2021AT-330E/MD

MCP2021AT-330E/SN

MCP2021AT-500E/MD

MCP2021AT-500E/MDVAO

MCP2021AT-500E/SN

MCP2021AT-500E/SNTSLVAO

MCP2021AT-500E/SNVAO

MCP2022A-330E/ST

MCP2022A-500E/SL

MCP2022AT-330E/ST

MCP2022AT-500E/SL

MCP2025-330E/MD

MCP2025-330E/P

MCP2025-330E/SN

MCP2025-500E/MD

MCP2025-500E/P

MCP2025-500E/SN

MCP2025T-330E/MD

MCP2025T-330E/SN

MCP2025T-500E/MD

MCP2025T-500E/SN

MCP2025T-500E/SNVAO

MCP2551-E/P

MCP2551-E/SN

MCP2551-E/SNVAO

MCP2551-I/P

MCP2551-I/SN

MCP2551-I/SNVAO

MCP2551T-E/SN

MCP2551T-E/SNVAO

MCP2551T-I/SN

MCP2551T-I/SNVAO

PIC16F1829LIN-E/SSVAO

PIC16F1829LIN-I/SSVAO

PIC16F1829LINT-I/SSVAO

PIC16F1829LINT-E/SSVAO

PIC16F1829LIN-E/SS

PIC16F1829LIN-I/SS

PIC16F1829LINT-I/SS

PIC16F1829LINT-E/SS

AA568C1-01-1016-G-LF

RE280S16TF

RE352SS20T

RE356SS20T

MFOL-28ZQNR108 - eSign# EOL0000248: End of Life (EOL) of selected MCP179x, MCP200x, MCP202x, MCP2551x, PIC16F1829LINx, AA568C1x, RE280S16TF, RE352SS20T, RE356SS20T, RE46C1x, RE46C2x, RE46C3x, RE46C80x, and MIC184YMx device families.

RE46C180E16F

RE46C180E16FA

RE46C180S16TF

RE46C181E16

RE46C190S16F

RE46C190S16TF

RE46C191S16F

RE46C191S16TF

RE46C195S16

RE46C195S16T

RE46C200S14F

RE46C200S14TF

RE46C201S14T

RE46C311E8F

RE46C311S8F

RE46C312E8F

RE46C312S8F

RE46C800SS20

RE46C800SS20T

MIC184YM

MIC184YM-TR

MIC184YMM

MIC184YMM-TR

PCN_MFOL-28ZQNR108_Suggested Replacements				
EOL Catalog Part Number (CPN)	Recommended Replacement (Drop-in / Pin-to-Pin)	Alternative Recommended Replacement (Not Drop-in / Pin-to-Pin)	Notes about Recommended Replacement Parts	
MCP1790-3002E/DB	N/A	MIC5233-3.0YM5-TR	Closest cross; different package and some specification differences.	Contact Your Local Sales Office
MCP1790-3002E/EB	N/A	MIC5233-3.0YM5-TR	Closest cross; different package and some specification differences.	Contact Your Local Sales Office
MCP1790-3302E/DB	N/A	MCP1799-3302H/DB, MCP1792-3302H/DB	Footprint compatible, limited specification differences.	Contact Your Local Sales Office
MCP1790-3302E/EB	N/A	MCP1799-3302H/DB, MCP1792-3302H/DB	Smaller package, limited specification differences.	Contact Your Local Sales Office
MCP1790-5002E/DB	N/A	MCP1799-5002H/DB, MCP1792-5002H/DB	Footprint compatible, limited specification differences.	Contact Your Local Sales Office
MCP1790-5002E/DBVAO	N/A	MCP1799-5002H/DBVAO, MCP1792-5002H/DBVAO	Footprint compatible, limited specification differences.	Contact Your Local Sales Office
MCP1790-5002E/EB	N/A	MCP1799-5002H/DB, MCP1792-5002H/DB	Smaller package, limited specification differences.	Contact Your Local Sales Office
MCP1790T-3002E/DB	N/A	MIC5233-3.0YM5-TR	Closest cross; different package and some specification differences.	Contact Your Local Sales Office
MCP1790T-3002E/DBVAO	N/A	MIC5233-3.0YM5-TR	Closest cross; different package and some specification differences.	Contact Your Local Sales Office
MCP1790T-3302E/DB	N/A	MCP1799T-3302H/DB, MCP1792T-3302H/DB	Footprint compatible, limited specification differences.	Contact Your Local Sales Office
MCP1790T-3302E/DBVAO	N/A	MCP1799T-3302H/DBVAO, MCP1792T-3302H/DBVAO	Footprint compatible, limited specification differences.	Contact Your Local Sales Office
MCP1790T-5002E/DB	N/A	MCP1799T-5002H/DBVAO, MCP1792T-5002H/DB	Footprint compatible, limited specification differences.	Contact Your Local Sales Office
MCP1790T-5002E/DBVAO	N/A	MCP1799T-5002H/DBVAO, MCP1792T-5002H/DB	Footprint compatible, limited specification differences.	Contact Your Local Sales Office
MCP1791T-3302E/DC	N/A	MCP1793T-3302H/DC	Footprint compatible, limited specification differences.	Contact Your Local Sales Office
MCP1791T-5002E/DC	N/A	MCP1793T-5002H/DC	Footprint compatible, limited specification differences.	Contact Your Local Sales Office
MCP1791T-5002E/DCVAO	N/A	MCP1793T-5002H/DCVAO	Footprint compatible, limited specification differences.	Contact Your Local Sales Office
MCP2003A-E/MD	MCP2003B	ATA663211	CS, TXD and RXD at MCP2003 are HV pins, not the corresponding pins of the ATA663211	Contact Your Local Sales Office
MCP2003A-E/P	MCP2003B	ATA663211	CS, TXD and RXD at MCP2003 are HV pins, not the corresponding pins of the ATA663211	Contact Your Local Sales Office
MCP2003A-E/SN	MCP2003B	ATA663211	CS, TXD and RXD at MCP2003 are HV pins, not the corresponding pins of the ATA663211	Contact Your Local Sales Office
MCP2003A-E/SNVAO	MCP2003B	ATA663211	CS, TXD and RXD at MCP2003 are HV pins, not the corresponding pins of the ATA663211	Contact Your Local Sales Office
MCP2003AT-E/MD	MCP2003B	ATA663211	CS, TXD and RXD at MCP2003 are HV pins, not the corresponding pins of the ATA663211	Contact Your Local Sales Office
MCP2003AT-E/SN	MCP2003B	ATA663211	CS, TXD and RXD at MCP2003 are HV pins, not the corresponding pins of the ATA663211	Contact Your Local Sales Office
MCP2003AT-E/SNVAO	MCP2003B	ATA663211	CS, TXD and RXD at MCP2003 are HV pins, not the corresponding pins of the ATA663211	Contact Your Local Sales Office
MCP2003-E/MD	MCP2003B	ATA663211	CS, TXD and RXD at MCP2003 are HV pins, not the corresponding pins of the ATA663211	Contact Your Local Sales Office
MCP2003-E/P	MCP2003B	ATA663211	CS, TXD and RXD at MCP2003 are HV pins, not the corresponding pins of the ATA663211	Contact Your Local Sales Office
MCP2003-E/SN	MCP2003B	ATA663211	CS, TXD and RXD at MCP2003 are HV pins, not the corresponding pins of the ATA663211	Contact Your Local Sales Office
MCP2003T-E/MD	MCP2003B	ATA663211	CS, TXD and RXD at MCP2003 are HV pins, not the corresponding pins of the ATA663211	Contact Your Local Sales Office
MCP2003T-E/SN	MCP2003B	ATA663211	CS, TXD and RXD at MCP2003 are HV pins, not the corresponding pins of the ATA663211	Contact Your Local Sales Office
MCP2003T-E/SNVAO	MCP2003B	ATA663211	CS, TXD and RXD at MCP2003 are HV pins, not the corresponding pins of the ATA663211	Contact Your Local Sales Office
MCP2004A-E/MD	N/A	ATA663211 or MCP2003B	CS, TXD and RXD at MCP2004 are HV pins, not the corresponding pins of the ATA663211 ATA663211 has the WAKE- pin instead of the Fault/Txe at the MCP2004 (Pin 3) MCP 2003B has the WAKE- pin instead of the Fault/Txe at the MCP2004 (Pin 3)	Contact Your Local Sales Office
MCP2004A-E/P	N/A	ATA663211 or MCP2003B	CS, TXD and RXD at MCP2004 are HV pins, not the corresponding pins of the ATA663211 ATA663211 has the WAKE- pin instead of the Fault/Txe at the MCP2004 (Pin 3) MCP 2003B has the WAKE- pin instead of the Fault/Txe at the MCP2004 (Pin 3)	Contact Your Local Sales Office
MCP2004A-E/SN	N/A	ATA663211 or MCP2003B	CS, TXD and RXD at MCP2004 are HV pins, not the corresponding pins of the ATA663211 ATA663211 has the WAKE- pin instead of the Fault/Txe at the MCP2004 (Pin 3) MCP 2003B has the WAKE- pin instead of the Fault/Txe at the MCP2004 (Pin 3)	Contact Your Local Sales Office
MCP2004A-E/SNVAO	N/A	ATA663211 or MCP2003B	CS, TXD and RXD at MCP2004 are HV pins, not the corresponding pins of the ATA663211 ATA663211 has the WAKE- pin instead of the Fault/Txe at the MCP2004 (Pin 3) MCP 2003B has the WAKE- pin instead of the Fault/Txe at the MCP2004 (Pin 3)	Contact Your Local Sales Office
MCP2004AT-E/SN	N/A	ATA663211 or MCP2003B	CS, TXD and RXD at MCP2004 are HV pins, not the corresponding pins of the ATA663211 ATA663211 has the WAKE- pin instead of the Fault/Txe at the MCP2004 (Pin 3) MCP 2003B has the WAKE- pin instead of the Fault/Txe at the MCP2004 (Pin 3)	Contact Your Local Sales Office
MCP2004-E/MD	N/A	ATA663211 or MCP2003B	CS, TXD and RXD at MCP2004 are HV pins, not the corresponding pins of the ATA663211 ATA663211 has the WAKE- pin instead of the Fault/Txe at the MCP2004 (Pin 3) MCP 2003B has the WAKE- pin instead of the Fault/Txe at the MCP2004 (Pin 3)	Contact Your Local Sales Office

MCP2025T-500E/MD	N/A	ATA6625 or ATA663254	DFN 3x3 at the ATA6625, DFN 4x4 at the MCP2025. CS/LWAKE, TXD, RXD, NRES at the MCP2025 are HV pins, not the corresponding pins of the ATA6625 CS/LWAKE, TXD, RXD, NRES at the MCP2025 are HV pins, not the corresponding pins of the ATA663254	Contact Your Local Sales Office
MCP2025T-500E/SN	N/A	ATA6625 or ATA663254	DFN 3x3 at the ATA6625, DFN 4x4 at the MCP2025. CS/LWAKE, TXD, RXD, NRES at the MCP2025 are HV pins, not the corresponding pins of the ATA6625 CS/LWAKE, TXD, RXD, NRES at the MCP2025 are HV pins, not the corresponding pins of the ATA663254	Contact Your Local Sales Office
MCP2025T-500E/SNVAO	N/A	ATA6625 or ATA663254	DFN 3x3 at the ATA6625, DFN 4x4 at the MCP2025. CS/LWAKE, TXD, RXD, NRES at the MCP2025 are HV pins, not the corresponding pins of the ATA6625 CS/LWAKE, TXD, RXD, NRES at the MCP2025 are HV pins, not the corresponding pins of the ATA663254	Contact Your Local Sales Office
MCP2551-E/P	N/A	ATA6560	No external slew rate control at the ATA6560 via pin 8. Pin 5 of the MCP2551 is Vref, Pin 5 of the ATA6560 is NSIL. If the external slew rate control and the Vref- pin of the MCP2551 are not used, the ATA6560 can be used instead of the MCP2551 as long as pin 5 is not connected at the PCB. No PDIP package of the ATA6560.	Contact Your Local Sales Office
MCP2551-E/SN	N/A	ATA6560	No external slew rate control at the ATA6560 via pin 8. Pin 5 of the MCP2551 is Vref, Pin 5 of the ATA6560 is NSIL. If the external slew rate control and the Vref- pin of the MCP2551 are not used, the ATA6560 can be used instead of the MCP2551 as long as pin 5 is not connected at the PCB. No PDIP package of the ATA6560.	Contact Your Local Sales Office
MCP2551-E/SNVAO	N/A	ATA6560	No external slew rate control at the ATA6560 via pin 8. Pin 5 of the MCP2551 is Vref, Pin 5 of the ATA6560 is NSIL. If the external slew rate control and the Vref- pin of the MCP2551 are not used, the ATA6560 can be used instead of the MCP2551 as long as pin 5 is not connected at the PCB. No PDIP package of the ATA6560.	Contact Your Local Sales Office
MCP2551-I/P	N/A	ATA6560	No external slew rate control at the ATA6560 via pin 8. Pin 5 of the MCP2551 is Vref, Pin 5 of the ATA6560 is NSIL. If the external slew rate control and the Vref- pin of the MCP2551 are not used, the ATA6560 can be used instead of the MCP2551 as long as pin 5 is not connected at the PCB. No PDIP package of the ATA6560.	Contact Your Local Sales Office
MCP2551-I/SN	N/A	ATA6560	No external slew rate control at the ATA6560 via pin 8. Pin 5 of the MCP2551 is Vref, Pin 5 of the ATA6560 is NSIL. If the external slew rate control and the Vref- pin of the MCP2551 are not used, the ATA6560 can be used instead of the MCP2551 as long as pin 5 is not connected at the PCB. No PDIP package of the ATA6560.	Contact Your Local Sales Office
MCP2551-I/SNVAO	N/A	ATA6560	No external slew rate control at the ATA6560 via pin 8. Pin 5 of the MCP2551 is Vref, Pin 5 of the ATA6560 is NSIL. If the external slew rate control and the Vref- pin of the MCP2551 are not used, the ATA6560 can be used instead of the MCP2551 as long as pin 5 is not connected at the PCB. No PDIP package of the ATA6560.	Contact Your Local Sales Office
MCP2551T-E/SN	N/A	ATA6560	No external slew rate control at the ATA6560 via pin 8. Pin 5 of the MCP2551 is Vref, Pin 5 of the ATA6560 is NSIL. If the external slew rate control and the Vref- pin of the MCP2551 are not used, the ATA6560 can be used instead of the MCP2551 as long as pin 5 is not connected at the PCB. No PDIP package of the ATA6560.	Contact Your Local Sales Office
MCP2551T-E/SNVAO	N/A	ATA6560	No external slew rate control at the ATA6560 via pin 8. Pin 5 of the MCP2551 is Vref, Pin 5 of the ATA6560 is NSIL. If the external slew rate control and the Vref- pin of the MCP2551 are not used, the ATA6560 can be used instead of the MCP2551 as long as pin 5 is not connected at the PCB. No PDIP package of the ATA6560.	Contact Your Local Sales Office
MCP2551T-I/SN	N/A	ATA6560	No external slew rate control at the ATA6560 via pin 8. Pin 5 of the MCP2551 is Vref, Pin 5 of the ATA6560 is NSIL. If the external slew rate control and the Vref- pin of the MCP2551 are not used, the ATA6560 can be used instead of the MCP2551 as long as pin 5 is not connected at the PCB. No PDIP package of the ATA6560.	Contact Your Local Sales Office

MCP2551T-I/SNVAO	N/A	ATA6560	No external slew rate control at the ATA6560 via pin 8. Pin 5 of the MCP2551 is Vref, Pin 5 of the ATA6560 is NSIL. If the external slew rate control and the Vref- pin of the MCP2551 are not used, the ATA6560 can be used instead of the MCP2551 as long as pin 5 is not connected at the PCB. No PDIP package of the ATA6560.	Contact Your Local Sales Office
RE46C180E16F	RE46C121E16F Different Device & Package			Contact Your Local Sales Office
RE46C180E16FA	RE46C121E16F Different Device & Package			Contact Your Local Sales Office
RE46C180S16F	RE46C121S16F Different Device & Package			Contact Your Local Sales Office
RE46C180S16TF	RE46C121S16TF Different Device & Package			Contact Your Local Sales Office
RE46C181E16	RE46C121E16F Different Device & Package			Contact Your Local Sales Office
RE46C190E16F	RE46C194S16T Different Package			Contact Your Local Sales Office
RE46C190S16F	RE46C194S16 Pin to Pin			Contact Your Local Sales Office
RE46C190S16TF	RE46C194S16T Pin to Pin			Contact Your Local Sales Office
RE46C190SS20	RE46C194S16 Different Package			Contact Your Local Sales Office
RE46C190SS20T	RE46C194S16T Different Package			Contact Your Local Sales Office
RE46C191S16F	RE46C194S16 Pin to Pin			Contact Your Local Sales Office
RE46C191S16TF	RE46C194S16T Pin to Pin			Contact Your Local Sales Office
RE46C191SS20	RE46C194S16 Different Package			Contact Your Local Sales Office
RE46C191SS20T	RE46C194S16T Different Package			Contact Your Local Sales Office
RE46C195S16	RE46C194S16 Pin to Pin			Contact Your Local Sales Office
RE46C195S16T	RE46C194S16T Pin to Pin			Contact Your Local Sales Office
RE46C200E14F	RE46C141E16F Different Device & Package			Contact Your Local Sales Office
RE46C200S14F	RE46C141S16F Different Device & Package			Contact Your Local Sales Office
RE46C200S14TF	RE46C141S16TF Different Device & Package			Contact Your Local Sales Office
RE46C201S14	RE46C141S16F Different Device & Package			Contact Your Local Sales Office
RE46C201S14T	RE46C141S16TF Different Device & Package			Contact Your Local Sales Office
RE46C311E8F	MCP6041-I/P Pin to Pin			Contact Your Local Sales Office
RE46C311S8F	MCP6241-E/SN Pin to Pin			Contact Your Local Sales Office
RE46C311S8TF	MCP6241T-E/SN Pin to Pin			Contact Your Local Sales Office
RE46C312E8F	MCP6042-I/P Pin to Pin			Contact Your Local Sales Office
RE46C312S8F	MCP6242-E/SN Pin to Pin			Contact Your Local Sales Office
RE46C312S8TF	MCP6242T-E/SN Pin to Pin			Contact Your Local Sales Office
RE46C800SS20	RE46C803SS20 Not P to P			Contact Your Local Sales Office
RE46C800SS20T	RE46C803SS20T Not P to P			Contact Your Local Sales Office
MIC184YM				Contact Your Local Sales Office
MIC184YM-TR				Contact Your Local Sales Office
MIC184YMM				Contact Your Local Sales Office
MIC184YMM-TR				Contact Your Local Sales Office