Discontinuance Notice

Microsemi Corporation: PDN18005A

March 16, 2018

Product Discontinuance Notification (PDN) No: PDN18005A

Subject

Product Discontinuance Notice—Select SoC QFP and PLCC Packages with SnPb Finish Part Numbers Addendum

Summary of Changes

This document is an addendum to PDN18005 with the following change:

An additional 32 part numbers were added to the EOL list. The addendum list now includes all PQ160 packages from the following devices: A42MX09, A42MX16, and A42MX24, all speed grades and all temperature grades. Please see the MX datasheet for a full explanation of ordering codes.

Description

Amkor Philippines, Microsemi's sole leaded QFP and PLCC supplier, will no longer accept orders on these part numbers after August 7, 2018. All of these packages offer lead-free alternative packages.

Microsemi is discontinuing support for part numbers in QFP and PLCC packages having SnPb terminal plating finish.

Reason for Discontinuance

Microsemi's SnPb QFP and PLCC vendor, Amkor Philippines, is closing the SnPb plating line. The affected Microsemi part numbers are being discontinued. Please see the part number table below.

Customer Impact

Customers should migrate to equivalent pin compatible lead-free packaged devices.

Limited Availability, Timely Forecast, and Order Placement

Every effort should be made to place last-time buy orders in a timely manner; do not wait until the last moment to place orders. Timely order placement, especially in cases where demand may exceed historical run-rates, is critical to optimize availability of these products.

Orders for the products affected will be non-cancelable and non-returnable (NCNR). In addition, the request date(s) cannot be extended beyond the last-time ship date.

Microsemi will honor a six month period to place last-time buys, and an additional twenty-six (26) months to take receipt of products.

Replacement Parts

For all of the affected products there are migration paths to pin compatible devices in similar packages. See the PDN18005A Select SoC QFP and PLCC Cross-Reference Table for pin compatible devices.

Important Dates

Last Order Date: Aug 7, 2018

Last Shipment Date: October 31, 2020

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Products Affected by this Discontinuance

This is a list of ordering part numbers (OPNs) found in our product datasheets. Customers may use additional part number variants in their systems, so please consider this a base part list.

Table 1 • Affected Parts List

A2F200M3F-1PQ208	A2F200M3F-1PQ208I	A2F200M3F-PQ208	A2F200M3F-PQ208I
A2F500M3G-1PQ208	A2F500M3G-1PQ208I	A2F500M3G-PQ208	A2F500M3G-PQ208I
A3P060-1TQ144	A3P060-1TQ144I	A3P060-2TQ144	A3P060-2TQ144I
A3P060-TQ144	A3P060-TQ144I	A3P1000-1PQ208	A3P1000-1PQ208I
A3P1000-1PQ208M	A3P1000-2PQ208	A3P1000-2PQ208I	A3P1000-PQ208
A3P1000-PQ208I	A3P1000-PQ208M	A3P125-1PQ208	A3P125-1PQ208I
A3P125-1TQ144	A3P125-1TQ144I	A3P125-2PQ208	A3P125-2PQ208I
A3P125-2TQ144	A3P125-2TQ144I	A3P125-PQ208	A3P125-PQ208I
A3P125-TQ144	A3P125-TQ144I	A3P250-1PQ208	A3P250-1PQ208I
A3P250-2PQ208	A3P250-2PQ208I	A3P250-PQ208	A3P250-PQ208I
A3P400-1PQ208	A3P400-1PQ208I	A3P400-2PQ208	A3P400-2PQ208I
A3P400-PQ208	A3P400-PQ208I	A3P600-1PQ208	A3P600-1PQ208I
A3P600-2PQ208	A3P600-2PQ208I	A3P600-PQ208	A3P600-PQ208I
A3PE1500-1PQ208	A3PE1500-1PQ208I	A3PE1500-2PQ208	A3PE1500-2PQ208I
A3PE1500-PQ208	A3PE1500-PQ208I	A3PE3000-1PQ208	A3PE3000-1PQ208I
A3PE3000-2PQ208	A3PE3000-2PQ208I	A3PE3000L-1PQ208	A3PE3000L-1PQ208I
A3PE3000L-PQ208	A3PE3000L-PQ208I	A3PE3000-PQ208	A3PE3000-PQ208I
A40MX02-1PL44	A40MX02-1PL44I	A40MX02-1PL44M	A40MX02-1PL68
A40MX02-1PL68I	A40MX02-1PL68M	A40MX02-1PQ100	A40MX02-1PQ100I
A40MX02-1PQ100M	A40MX02-1VQ80	A40MX02-1VQ80I	A40MX02-1VQ80M
A40MX02-2PL44	A40MX02-2PL44I	A40MX02-2PL68	A40MX02-2PL68I
A40MX02-2PQ100	A40MX02-2PQ100I	A40MX02-2VQ80	A40MX02-2VQ80I
A40MX02-3PL44	A40MX02-3PL44I	A40MX02-3PL68	A40MX02-3PL68I
A40MX02-3PQ100	A40MX02-3PQ100I	A40MX02-3VQ80	A40MX02-3VQ80I
A40MX02-FPL44	A40MX02-FPL68	A40MX02-FPQ100	A40MX02-FVQ80
A40MX02-PL44	A40MX02-PL44I	A40MX02-PL44M	A40MX02-PL68
A40MX02-PL68A	A40MX02-PL68I	A40MX02-PL68M	A40MX02-PQ100
A40MX02-PQ100A	A40MX02-PQ100I	A40MX02-PQ100M	A40MX02-VQ80
A40MX02-VQ80A	A40MX02-VQ80I	A40MX02-VQ80M	A40MX04-1PL44
A40MX04-1PL44I	A40MX04-1PL44M	A40MX04-1PL68	A40MX04-1PL68I
A40MX04-1PL68M	A40MX04-1PL84	A40MX04-1PL84I	A40MX04-1PL84M
A40MX04-1PQ100	A40MX04-1PQ100I	A40MX04-1PQ100M	A40MX04-1VQ80
A40MX04-1VQ80I	A40MX04-1VQ80M	A40MX04-2PL44	A40MX04-2PL44I
A40MX04-2PL68	A40MX04-2PL68I	A40MX04-2PL84	A40MX04-2PL84I
A40MX04-2PQ100	A40MX04-2PQ100I	A40MX04-2VQ80	A40MX04-2VQ80I
A40MX04-3PL44	A40MX04-3PL44I	A40MX04-3PL68	A40MX04-3PL68I

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A40MX04-3PL84	A40MX04-3PL84I	A40MX04-3PQ100	A40MX04-3PQ100I
A40MX04-3VQ80	A40MX04-3VQ80I	A40MX04-FPL44	A40MX04-FPL68
A40MX04-FPL84	A40MX04-FPQ100	A40MX04-FVQ80	A40MX04-PL44
A40MX04-PL44I	A40MX04-PL44M	A40MX04-PL68	A40MX04-PL68I
A40MX04-PL68M	A40MX04-PL84	A40MX04-PL84A	A40MX04-PL84I
A40MX04-PL84M	A40MX04-PQ100	A40MX04-PQ100A	A40MX04-PQ100I
A40MX04-PQ100M	A40MX04-VQ80	A40MX04-VQ80A	A40MX04-VQ80I
A40MX04-VQ80M	A42MX09-1PL84	A42MX09-1PL84I	A42MX09-1PL84M
A42MX09-1PQ100	A42MX09-1PQ100I	A42MX09-1PQ100M	A42MX09-1VQ100
A42MX09-1VQ100I	A42MX09-1VQ100M	A42MX09-2PL84	A42MX09-2PL84I
A42MX09-2PQ100	A42MX09-2PQ100I	A42MX09-2VQ100	A42MX09-2VQ100I
A42MX09-3PL84	A42MX09-3PL84I	A42MX09-3PQ100	A42MX09-3PQ100I
A42MX09-3VQ100	A42MX09-3VQ100I	A42MX09-FPL84	A42MX09-FPQ100
A42MX09-FVQ100	A42MX09-PL84	A42MX09-PL84A	A42MX09-PL84I
A42MX09-PL84M	A42MX09-PQ100	A42MX09-PQ100A	A42MX09-PQ100I
A42MX09-PQ100M	A42MX09-PQ144	A42MX09-PQ144I	A42MX09-PQ144M
A42MX09-VQ100	A42MX09-VQ100A	A42MX09-VQ100I	A42MX09-VQ100M
A42MX16-1PL84	A42MX16-1PL84I	A42MX16-1PL84M	A42MX16-1PQ100
A42MX16-1PQ100I	A42MX16-1PQ100M	A42MX16-1PQ208	A42MX16-1PQ208I
A42MX16-1PQ208M	A42MX16-1VQ100	A42MX16-1VQ100I	A42MX16-1VQ100M
A42MX16-2PL84	A42MX16-2PL84I	A42MX16-2PQ100	A42MX16-2PQ100I
A42MX16-2PQ208	A42MX16-2PQ208I	A42MX16-2VQ100	A42MX16-2VQ100I
A42MX16-3PL84	A42MX16-3PL84I	A42MX16-3PQ100	A42MX16-3PQ100I
A42MX16-3PQ208	A42MX16-3PQ208I	A42MX16-3VQ100	A42MX16-3VQ100I
A42MX16-FPL84	A42MX16-FPQ100	A42MX16-FPQ208	A42MX16-FVQ100
A42MX16-PL84	A42MX16-PL84A	A42MX16-PL84I	A42MX16-PL84M
A42MX16-PQ100	A42MX16-PQ100A	A42MX16-PQ100I	A42MX16-PQ100M
A42MX16-PQ208	A42MX16-PQ208A	A42MX16-PQ208I	A42MX16-PQ208M
A42MX16-VQ100	A42MX16-VQ100A	A42MX16-VQ100I	A42MX16-VQ100M
A42MX24-1PL84	A42MX24-1PL84I	A42MX24-1PL84M	A42MX24-1PQ160M
A42MX24-1PQ208	A42MX24-1PQ208I	A42MX24-1PQ208M	A42MX24-2PL84
A42MX24-2PL84I	A42MX24-2PQ208	A42MX24-2PQ208I	A42MX24-3PL84
A42MX24-3PL84I	A42MX24-3PQ160I	A42MX24-3PQ208	A42MX24-3PQ208I
A42MX24-FPL84	A42MX24-FPQ208	A42MX24-PL84	A42MX24-PL84I
A42MX24-PL84M	A42MX24-PQ160A	A42MX24-PQ160M	A42MX24-PQ208
A42MX24-PQ208A	A42MX24-PQ208I	A42MX24-PQ208M	A42MX36-1PQ208
A42MX36-1PQ208I	A42MX36-1PQ208M	A42MX36-2PQ208	A42MX36-2PQ208I
A42MX36-3PQ208	A42MX36-3PQ208I	A42MX36-FPQ208	A42MX36-PQ208
A42MX36-PQ208A	A42MX36-PQ208I	A42MX36-PQ208M	A54SX08A-1TQ100
A54SX08A-1TQ100I	A54SX08A-1TQ144	A54SX08A-1TQ144I	A54SX08A-2TQ100
A54SX08A-2TQ100I	A54SX08A-2TQ144	A54SX08A-2TQ144I	A54SX08A-FTQ100

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A54SX08A-FTQ144	A54SX08A-TQ100	A54SX08A-TQ100A	A54SX08A-TQ100I
A54SX08A-TQ144	A54SX08A-TQ144A	A54SX08A-TQ144I	A54SX16A-1PQ208
A54SX16A-1PQ208I	A54SX16A-1PQ208M	A54SX16A-1TQ100	A54SX16A-1TQ100I
A54SX16A-1TQ100M	A54SX16A-1TQ144	A54SX16A-1TQ144I	A54SX16A-1TQ144M
A54SX16A-2PQ208	A54SX16A-2PQ208I	A54SX16A-2TQ100	A54SX16A-2TQ100I
A54SX16A-2TQ144	A54SX16A-2TQ144I	A54SX16A-FPQ208	A54SX16A-FTQ100
A54SX16A-FTQ144	A54SX16A-PQ208	A54SX16A-PQ208A	A54SX16A-PQ208I
A54SX16A-PQ208M	A54SX16A-TQ100	A54SX16A-TQ100A	A54SX16A-TQ100I
A54SX16A-TQ100M	A54SX16A-TQ144	A54SX16A-TQ144A	A54SX16A-TQ144I
A54SX16A-TQ144M	A54SX16P-1PQ208	A54SX16P-1PQ208I	A54SX16P-1VQ100
A54SX16P-1VQ100I	A54SX16P-2PQ208	A54SX16P-2PQ208I	A54SX16P-2VQ100
A54SX16P-2VQ100I	A54SX16P-PQ208	A54SX16P-PQ208I	A54SX16P-PQ208M
A54SX16P-VQ100	A54SX16P-VQ100I	A54SX32-1PQ208	A54SX32-1PQ208I
A54SX32-1PQ208M	A54SX32-1TQ144	A54SX32-1TQ144I	A54SX32-1TQ144M
A54SX32-2PQ208	A54SX32-2PQ208I	A54SX32-2TQ144	A54SX32-2TQ144I
A54SX32A-1PQ208	A54SX32A-1PQ208I	A54SX32A-1PQ208M	A54SX32A-1TQ100
A54SX32A-1TQ100I	A54SX32A-1TQ100M	A54SX32A-1TQ144	A54SX32A-1TQ144I
A54SX32A-1TQ144M	A54SX32A-2PQ208	A54SX32A-2PQ208I	A54SX32A-2TQ100
A54SX32A-2TQ100I	A54SX32A-2TQ144	A54SX32A-2TQ144I	A54SX32A-FPQ208
A54SX32A-FTQ100	A54SX32A-FTQ144	A54SX32A-PQ208	A54SX32A-PQ208A
A54SX32A-PQ208I	A54SX32A-PQ208M	A54SX32A-TQ100	A54SX32A-TQ100A
A54SX32A-TQ100I	A54SX32A-TQ100M	A54SX32A-TQ144	A54SX32A-TQ144A
A54SX32A-TQ144I	A54SX32A-TQ144M	A54SX32-PQ208	A54SX32-PQ208I
A54SX32-PQ208M	A54SX32-TQ144	A54SX32-TQ144I	A54SX32-TQ144M
A54SX72A-1PQ208	A54SX72A-1PQ208I	A54SX72A-1PQ208M	A54SX72A-2PQ208
A54SX72A-2PQ208I	A54SX72A-FPQ208	A54SX72A-PQ208	A54SX72A-PQ208A
A54SX72A-PQ208I	A54SX72A-PQ208M	AGLP060V2-VQ176	AGLP060V2-VQ176I
AGLP060V5-VQ176	AGLP060V5-VQ176I	APA075-PQ208	APA075-PQ208A
APA075-PQ208I	APA075-TQ100	APA075-TQ100A	APA075-TQ100I
APA075-TQ144	APA075-TQ144I	APA1000-PQ208	APA1000-PQ208A
APA1000-PQ208I	APA1000-PQ208M	APA150-PQ208	APA150-PQ208A
APA150-PQ208I	APA150-TQ100	APA150-TQ100A	APA150-TQ100I
APA300-PQ208	APA300-PQ208A	APA300-PQ208I	APA300-PQ208M
APA450-PQ208	APA450-PQ208A	APA450-PQ208I	APA600-PQ208
APA600-PQ208A	APA600-PQ208I	APA600-PQ208M	APA750-PQ208
APA750-PQ208A	APA750-PQ208I	AX250-1PQ208M	AX250-PQ208M
AX500-1PQ208	AX500-1PQ208I	AX500-1PQ208M	AX500-2PQ208
AX500-2PQ208I	AX500-PQ208	AX500-PQ208I	AX500-PQ208M
eX128-FTQ100	eX128-FTQ64	eX128-PTQ100	EX128-PTQ100I
eX128-PTQ64	EX128-PTQ64I	eX128-TQ100	eX128-TQ100A
eX128-TQ100I	eX128-TQ64	eX128-TQ64A	eX128-TQ64I

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eX256-FTQ100	eX256-PTQ100	eX256-PTQ100I	eX256-TQ100
eX256-TQ100A	eX256-TQ100I	eX64-FTQ64	eX64-PTQ64
eX64-PTQ64I	eX64-TQ64	eX64-TQ64A	eX64-TQ64I
M1A3P1000-1PQ208	M1A3P1000-1PQ208I	M1A3P1000-1PQ208M	M1A3P1000-2PQ208
M1A3P1000-2PQ208I	M1A3P1000-PQ208	M1A3P1000-PQ208I	M1A3P1000-PQ208M
M1A3P250-1PQ208	M1A3P250-1PQ208I	M1A3P250-2PQ208	M1A3P250-2PQ208I
M1A3P250-PQ208	M1A3P250-PQ208I	M1A3P400-1PQ208	M1A3P400-1PQ208I
M1A3P400-2PQ208	M1A3P400-2PQ208I	M1A3P400-PQ208	M1A3P400-PQ208I
M1A3P600-1PQ208	M1A3P600-1PQ208I	M1A3P600-2PQ208	M1A3P600-2PQ208I
M1A3P600-PQ208	M1A3P600-PQ208I	M1A3PE1500-1PQ208	M1A3PE1500-1PQ208I
M1A3PE1500-2PQ208	M1A3PE1500-2PQ208I	M1A3PE1500-PQ208	M1A3PE1500-PQ208I
M1A3PE3000-1PQ208	M1A3PE3000-1PQ208I	M1A3PE3000-2PQ208	M1A3PE3000-2PQ208I
M1A3PE3000L-1PQ208	M1A3PE3000L-1PQ208I	M1A3PE3000L-PQ208	M1A3PE3000L-PQ208I
M1A3PE3000-PQ208	M1A3PE3000-PQ208I	M2GL005-1TQ144	M2GL005-1TQ144I
M2GL005S-1TQ144	M2GL005S-1TQ144I	M2GL005S-TQ144	M2GL005S-TQ144I
M2GL005-TQ144	M2GL005-TQ144I	M2GL010-1TQ144	M2GL010-1TQ144I
M2GL010S-1TQ144	M2GL010S-1TQ144I	M2GL010S-TQ144	M2GL010S-TQ144I
M2GL010-TQ144	M2GL010-TQ144I	M2S005-1TQ144	M2S005-1TQ144I
M2S005S-1TQ144	M2S005S-1TQ144I	M2S005S-TQ144	M2S005S-TQ144I
M2S005-TQ144	M2S005-TQ144I	M2S010-1TQ144	M2S010-1TQ144I
M2S010S-1TQ144	M2S010S-1TQ144I	M2S010S-TQ144	M2S010S-TQ144I
M2S010-TQ144	M2S010-TQ144I	M7A3P1000-1PQ208	M7A3P1000-1PQ208I
M7A3P1000-2PQ208	M7A3P1000-2PQ208I	M7A3P1000-PQ208	M7A3P1000-PQ208I

Additional Products Affected by this Discontinuance

This is a list of additional ordering part numbers (OPNs) affected by this discontinuance found in our product datasheets.

Table 2 • Additional Affected Parts

A42MX09-1PQ160	A42MX09-1PQ160I	A42MX09-1PQ160M	A42MX09-2PQ160
A42MX09-2PQ160I	A42MX09-3PQ160	A42MX09-3PQ160I	A42MX09-FPQ160
A42MX09-PQ160	A42MX09-PQ160A	A42MX09-PQ160I	A42MX09-PQ160M
A42MX16-1PQ160	A42MX16-1PQ160I	A42MX16-1PQ160M	A42MX16-2PQ160
A42MX16-2PQ160I	A42MX16-3PQ160	A42MX16-3PQ160I	A42MX16-FPQ160
A42MX16-PQ160	A42MX16-PQ160A	A42MX16-PQ160I	A42MX16-PQ160M
A42MX24-1PQ160	A42MX24-1PQ160I	A42MX24-2PQ160	A42MX24-2PQ160I
A42MX24-3PQ160	A42MX24-FPQ160	A42MX24-PQ160	A42MX24-PQ160I

Contact Information

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Regards,

Microsemi Corporation

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