



**Microsemi Corporation**

August 1, 2014

**Product Discontinuance Notification (PDN) No: 1404**

**Subject: Product Discontinuance Notice – ACT3 Family (namely A14100, A1415, & A1460, RT14100A, RT1425A, and RT1460A)**

**Description:**

Microsemi is announcing the discontinuance of our ACT3 family.

This letter is to inform you of Microsemi's decision to obsolete the offering of our A14100, A1415, A1460, RT14100A, RT1425A, and RT1460A family of devices.

**Reason for Discontinuance:**

Microsemi is unable to purchase additional wafers, further production of this family is not technically feasible.

**Customer Impact:**

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. If you anticipate that your last-time buy requirements will exceed the current run rate, for specific devices, please provide your Microsemi SoC Sales Representative with a forecast of the requirements.

Orders for the products affected will be noncancelable and nonreturnable. In addition, the request date(s) cannot be pushed out.

Last time buy will be limited to available inventories only; further production of this family is not technically feasible.

Orders will be supported on a first-come, first-served basis.

Microsemi will honor a 12 month period in which to place last-time buys and an additional six months to take receipt of products. The key dates for the last-time buy are as follows:

**Last Order Date: August 3, 2015**

**Last Shipment Date: February 3, 2016**

**Replacement Parts:**

Microsemi took steps to ensure our customers are supported with our MX product offering. The application note can be found at:

[http://dev.microsemi.com/document-portal/doc\\_download/133703-ac420-migrating-from-act3-to-42mx-fpgas](http://dev.microsemi.com/document-portal/doc_download/133703-ac420-migrating-from-act3-to-42mx-fpgas)



Products Affected by this Discontinuance:

Table 1 • Affected Part Numbers

14100A	1415A	1425A	1460A
5962-9552101MXA	A1415A-1PG100C	5962-9552001MXA	5962-9550801MXA
5962-9552101MXC	A1415A-1PL84C	5962-9552001MXC	5962-9550801MXC
5962-9552101MYA	A1415A-1PL84I	5962-9552001MYA	5962-9550801MYA
5962-9552101MYC	A1415A-1PL84M	5962-9552001MYC	5962-9550801MYC
5962-9552102MXA	A1415A-1PLG84C	5962-9552002MXA	5962-9550802MXA
5962-9552102MXC	A1415A-1PLG84I	5962-9552002MXC	5962-9550802MXC
5962-9552102MYA	A1415A-1PLG84M	5962-9552002MYA	5962-9550802MYA
5962-9552102MYC	A1415A-1PQ100C	5962-9552002MYC	5962-9550802MYC
A14100A-1BG313C	A1415A-1PQ100I	A1425A-1CQ132B	A1460A-1BG225C
A14100A-1BG313I	A1415A-1PQ100M	A1425A-1CQ132C	A1460A-1BG225I
A14100A-1CQ256B	A1415A-1PQG100C	A1425A-1CQ132M	A1460A-1CQ196B
A14100A-1CQ256C	A1415A-1PQG100I	A1425A-1PG133B	A1460A-1CQ196C
A14100A-1CQ256M	A1415A-1PQG100M	A1425A-1PG133C	A1460A-1CQ196M
A14100A-1CQ256PP	A1415A-1VQ100C	A1425A-1PG133M	A1460A-1PG207B
A14100A-1PG257B	A1415A-1VQ100I	A1425A-1PL84C	A1460A-1PG207C
A14100A-1PG257C	A1415A-1VQ100M	A1425A-1PL84I	A1460A-1PG207M
A14100A-1PG257I	A1415A-1VQG100C	A1425A-1PL84M	A1460A-1PG207PP
A14100A-1PG257M	A1415A-1VQG100I	A1425A-1PLG84C	A1460A-1PQ160C
A14100A-1PG257PP	A1415A-1VQG100M	A1425A-1PLG84I	A1460A-1PQ160I
A14100A-1RQ208C	A1415A-2PG100C	A1425A-1PLG84M	A1460A-1PQ160M
A14100A-1RQ208I	A1415A-2PL84C	A1425A-1PQ100C	A1460A-1PQ208C
A14100A-1RQ208M	A1415A-2PL84I	A1425A-1PQ100I	A1460A-1PQ208I
A14100A-1RQ208PP	A1415A-2PLG84C	A1425A-1PQ100M	A1460A-1PQ208M
A14100A-2BG313C	A1415A-2PLG84I	A1425A-1PQ160C	A1460A-1PQ208PP
A14100A-2BG313I	A1415A-2PQ100C	A1425A-1PQ160I	A1460A-1PQG160C
A14100A-2CQ256B	A1415A-2PQ100I	A1425A-1PQ160M	A1460A-1PQG160I
A14100A-2PG257B	A1415A-2PQG100C	A1425A-1PQG100C	A1460A-1PQG160M
A14100A-2PG257C	A1415A-2PQG100I	A1425A-1PQG100I	A1460A-1PQG208C
A14100A-2PG257I	A1415A-2VQ100C	A1425A-1PQG100M	A1460A-1PQG208I
A14100A-2RQ208C	A1415A-2VQ100I	A1425A-1PQG160C	A1460A-1PQG208M
A14100A-2RQ208I	A1415A-2VQG100C	A1425A-1PQG160I	A1460A-1TQ176C
A14100A-3BG313C	A1415A-2VQG100I	A1425A-1PQG160M	A1460A-1TQ176I

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14100A	1415A	1425A	1460A
A14100A-3PG257C	A1415A-3PG100C	A1425A-1VQ100C	A1460A-1TQ176M
A14100A-3RQ208C	A1415A-3PL84C	A1425A-1VQ100I	A1460A-1TQ176PP
A14100A-3RQ208I	A1415A-3PL84I	A1425A-1VQ100M	A1460A-1TQG176C
A14100A-BG313C	A1415A-3PLG84C	A1425A-1VQ100PP	A1460A-1TQG176I
A14100A-BG313I	A1415A-3PLG84I	A1425A-1VQG100C	A1460A-1TQG176M
A14100A-BG313PP	A1415A-3PQ100C	A1425A-1VQG100I	A1460A-2BG225C
A14100A-CQ256B	A1415A-3PQ100I	A1425A-1VQG100M	A1460A-2BG225I
A14100A-CQ256BENG	A1415A-3PQG100C	A1425A-2PG133B	A1460A-2BG225PP
A14100A-CQ256C	A1415A-3PQG100I	A1425A-2PG133C	A1460A-2PG207B
A14100A-CQ256M	A1415A-3VQ100C	A1425A-2PG133M	A1460A-2PG207C
A14100A-CQ256PP	A1415A-3VQ100I	A1425A-2PL84C	A1460A-2PG207M
A14100A-PG257B	A1415A-3VQG100C	A1425A-2PL84I	A1460A-2PQ160C
A14100A-PG257C	A1415A-3VQG100I	A1425A-2PLG84C	A1460A-2PQ160I
A14100A-PG257I	A1415A-FPLG84C	A1425A-2PLG84I	A1460A-2PQ208C
A14100A-PG257M	A1415A-PG100C	A1425A-2PQ100C	A1460A-2PQ208I
A14100A-PG257PP	A1415A-PL84C	A1425A-2PQ100I	A1460A-2PQ208PP
A14100A-PQ208PP	A1415A-PL84I	A1425A-2PQ160C	A1460A-2PQG160C
A14100A-RQ208C	A1415A-PL84M	A1425A-2PQ160I	A1460A-2PQG160I
A14100A-RQ208CENG	A1415A-PLG84C	A1425A-2PQG100C	A1460A-2PQG208C
A14100A-RQ208I	A1415A-PLG84I	A1425A-2PQG100I	A1460A-2PQG208I
A14100A-RQ208M	A1415A-PLG84M	A1425A-2PQG160C	A1460A-2TQ176C
A14100A-RQ208PP	A1415A-PQ100C	A1425A-2PQG160I	A1460A-2TQ176I
A14V100A-BG313C	A1415A-PQ100I	A1425A-2VQ100C	A1460A-2TQ176PP
A14V100A-CQ256I	A1415A-PQ100M	A1425A-2VQ100I	A1460A-2TQG176C
A14V100A-RQ208C	A1415A-PQG100C	A1425A-2VQG100C	A1460A-2TQG176I
RT14100A-1CQ256B	A1415A-PQG100I	A1425A-2VQG100I	A1460A-3BG225C
RT14100A-1CQ256E	A1415A-PQG100M	A1425A-3PG133C	A1460A-3BG225PP
RT14100A-CQ256B	A1415A-VQ100C	A1425A-3PL84C	A1460A-3PG207C
RT14100A-CQ256E	A1415A-VQ100I	A1425A-3PL84I	A1460A-3PQ160C
	A1415A-VQ100M	A1425A-3PQ100C	A1460A-3PQ160I
	A1415A-VQ100PP	A1425A-3PQ100I	A1460A-3PQ208C
	A1415A-VQG100C	A1425A-3PQ160C	A1460A-3PQ208I
	A1415A-VQG100I	A1425A-3PQ160I	A1460A-3PQG160C
	A1415A-VQG100M	A1425A-3VQ100C	A1460A-3PQG160I
	A14V15A-PL84C	A1425A-3VQ100I	A1460A-3PQG208C
	A14V15A-PLG84C	A1425A-CQ132B	A1460A-3PQG208I
	A14V15A-PQ100C	A1425A-CQ132C	A1460A-3TQ176C
	A14V15A-VQ100C	A1425A-CQ132M	A1460A-3TQ176I
	A14V15A-VQG100C	A1425A-CQ132PP	A1460A-3TQ176PP

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Template: ICG-F-0004 rev 1



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1425A	1425A	1460A	1460A
A1425A-PG133B	A1425A-PQG160I	A1460A-3TQG176C	A1460A-PQG160M
A1425A-PG133C	A1425A-PQG160M	A1460A-3TQG176I	A1460A-PQG208C
A1425A-PG133M	A1425A-VQ100C	A1460A-BG225C	A1460A-PQG208I
A1425A-PL84C	A1425A-VQ100I	A1460A-BG225I	A1460A-PQG208M
A1425A-PL84I	A1425A-VQ100M	A1460A-BG225PP	A1460A-TQ176C
A1425A-PL84M	A1425A-VQ100PP	A1460A-CQ196B	A1460A-TQ176I
A1425A-PLG84C	A1425A-VQG100C	A1460A-CQ196C	A1460A-TQ176M
A1425A-PLG84I	A1425A-VQG100I	A1460A-CQ196M	A1460A-TQ176PP
A1425A-PLG84M	A1425A-VQG100M	A1460A-CQ196PP	A1460A-TQG176C
A1425A-PQ100C	A14V25A-PL84C	A1460A-PG207B	A1460A-TQG176I
A1425A-PQ100I	A14V25A-PLG84C	A1460A-PG207C	A1460A-TQG176M
A1425A-PQ100M	A14V25A-PQ160C	A1460A-PG207M	A14V60A-PQ160C
A1425A-PQ100PP	A14V25A-PQG160C	A1460A-PG207PP	A14V60A-PQ208C
A1425A-PQ160C	A14V25A-VQ100C	A1460A-PQ160C	A14V60A-PQG160C
A1425A-PQ160I	A14V25A-VQG100C	A1460A-PQ160I	A14V60A-PQG208C
A1425A-PQ160M	RT1425A-1CQ132B	A1460A-PQ160M	A14V60A-TQ176C
A1425A-PQG100C	RT1425A-1CQ132E	A1460A-PQ160PP	A14V60A-TQ176PP
A1425A-PQG100I	RT1425A-CQ132B	A1460A-PQ208C	A14V60A-TQG176C
A1425A-PQG100M	RT1425A-CQ132E	A1460A-PQ208I	RT1460A-1CQ196B
A1425A-PQG160C		A1460A-PQ208M	RT1460A-1CQ196E
		A1460A-PQ208PP	RT1460A-CQ196B
		A1460A-PQG160C	RT1460A-CQ196E
		A1460A-PQG160I	

### Contact Information:

Microsemi SoC Corp.

Should you have any questions, please contact your Microsemi SoC Corp. Sales Representative.

### Microsemi Corporation

Any projected dates in this notification are based on the most current product information at the time this PDN is being issued, but they may change due to unforeseen circumstances. For the latest schedule and any other information, please contact your local Microsemi Sales Office, the factory contact shown above, or your local distributor. This PDN is confidential and proprietary information of Microsemi and is intended only for distribution by Microsemi to its customers, for customers' use only. It must not be copied or provided to any third party without Microsemi's prior written consent.