



Product Change Notification (PCN)

Date: August 31st 2015

PCN TRACKING NO: PCN---31082015

Subject: Product Change Notification (PCN) for Alliance DDR1/DDR2

Description of Change:	Product will only be offered in a new Die Revision
Reason for Change	Part # change to new process technology
Traceability, Guidelines (lot, date code, markings, shipment date)	Traceable through marketing part #
Updated Datasheet	Part # has been changed and updated datasheets are posted on our website http://www.alliancememory.com/products/ddr1.asp http://www.alliancememory.com/products/ddr2.asp
Summary of Changes between New and Old part numbers	See table 1 Below

Table 1

DDR1

Density	Organization	Alliance Part Number	Alliance New Part Number
64M	4M x 16	AS4C4M16D1-5TCN	AS4C4M16D1A-5TCN
64M	4M x 16	AS4C4M16D1-5TIN	AS4C4M16D1A-5TIN
128M	8M x 16	AS4C8M16D1-5TCN	AS4C8M16D1A-5TCN
128M	8M x 16	AS4C8M16D1-5TIN	AS4C8M16D1A-5TIN
256M	16M x 16	AS4C16M16D1-5TCN	AS4C16M16D1A-5TCN
256M	16M x 16	AS4C16M16D1-5TIN	AS4C16M16D1A-5TIN
512M	32M x 16	AS4C32M16D1-5TCN	AS4C32M16D1A-5TCN
512M	32M x 16	AS4C32M16D1-5TIN	AS4C32M16D1A-5TIN

New offering – Automotive (-40°C~105°C)

64M	4M x 16	AS4C4M16D1A-5TAN
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DDR2

512M	32M x 16	AS4C32M16D2-25BCN	AS4C32M16D2A-25BCN
512M	32M x 16	AS4C32M16D2-25BIN	AS4C32M16D2A-25BIN

New offering – Automotive (-40°C~105°C)

512M	32M x 16	AS4C32M16D2A-25BAN
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Last Time Buy Date:	November 1 st , 2015
Last Time Ship Date:	March 1 st , 2016
Sample Availability Date	August 31 st , 2015
PCN Effective Date	August 31 st , 2015

***Any orders after November 1st, 2015 are Non-Cancelable/Non- Returnable and cannot be changed**



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Dear Valued Customer:

This letter provides End-of-Life (EOL) notice of products for DDR1(x16 TSOP) and the 512M DDR2 (x16 FBGA). These products will move to new 'A' die revision in Q1-2016.

The delivery deadline is March 1st, 2016 with last time buy (LTB) deadline on November 1st, 2015. Please note that the standard shipment dates will apply in general and extended delivery dates must be pre-arranged and accepted in writing by Alliance Memory Management.

Regarding the replacement, Alliance Memory has provided the new 63nm technology product line-up (refer to Table 1 above). The 'A' die products will provide better cost and performance. Samples are now available for customers to start verification procedures.

Please contact your local Alliance Memory representative if you have any questions regarding this information

Yours sincerely

David Bagby
President
Alliance Memory Inc.