



AllianceMemoryInc.

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Product Change Notification (PCN)

Date: November 30th, 2017

PCN TRACKING NO:PCN-301117102

Subject: Product Change Notification (PCN) for Alliance LP SDRAM's (512M)

Description of Change:	Product will only be offered in a new Die Revision (A Die)
Reason for Change	Product revision to provide continuous support to Alliance's customers
Traceability, Guidelines (lot, date code, markings, shipment date)	Traceable through marketing part#
Updated Datasheet Summary of Changes between New and Old part numbers	Part# has been changed and updated datasheets are posted on our website https://www.alliancememory.com/products/low-power-mobile-synchronous-dram-sdr/

Table 1

Density	Organization	Alliance Part Number	Alliance New Part Number (A die)
512M	32M x 16	AS4C32M16MS-7BCN	AS4C32M16MSA-6BIN
512M	32M x 16	AS4C32M16MS-7BCNTR	AS4C32M16MSA-6BINTR
512M	16M x 32	AS4C16M32MS-7BCN	AS4C16M32MSA-6BIN
512M	16M x 32	AS4C16M32MS-7BCNTR	AS4C16M32MSA-6BINTR
512M	16M x 32	AS4C16M32MS-6BIN	AS4C16M32MSA-6BIN
512M	16M x 32	AS4C16M32MS-6BINTR	AS4C16M32MSA-6BINTR

Any orders after November 30th, 2017 are Non-cancelable / Non-Returnable and cannot be changed. Products cannot be returned in stock rotations after this date.

In addition to the above PCN Alliance is pleased to offer a new and expanded line-up of LP SDRAM. These new products are below

NEW OFFERING

Density	Org	Clock Rate	Voltage	Temp.	PKG Type	Alliance Part number
128Mb	x16	166MHz	1.7V- 1.95V	-40°C-85°C	54 Ball FBGA(8x8mm)	AS4C8M16MSA-6BIN
	x32				90 Ball FBGN 8x13mmI	AS4C4M32MSA-6BIN
256Mb	x16	166MHz	1.7V- 1.95V	-40°C-85°C	54 Ball FBGA(8x8mm)	AS4C16M16MSA-6BIN
	x32				90 Ball FBGA(8x13mm)	AS4C8M32MSA-6BIN

Last Time Buy Date:	March 31 st , 2018
Last Time Ship Date:	June 30 th , 2018
Sample Available Date (32M x 16)	January 2018
Sample Available Date (16M x 32)	January 2018
PCN Effective Date:	November 30 th , 2017



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Dear Valued Customer:

This letter provides End-of-Life (EOL) notice of 512M Low Power SDRAM. These products will move to new 'A' die revision in Q1-2018.

The delivery deadline is June 30th, 2018 with last time buy (LTB) deadline on March 31st, 2018. 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.

Please see the below comparison between the current die rev and the new A die. Samples will be available in January.

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

Yours sincerely,

A handwritten signature in black ink, appearing to read 'David Bagby', written over a horizontal line.

David Bagby
President

Alliance Memory Inc.