



**Product Change Notification (PCN)**

**Date:** July 31<sup>st</sup>, 2015

**PCN TRACKING NO:** PCN-----31072015

**Subject:** Product Change Notification (PCN) for Alliance SDRAM's (x32)

Description of Change:	Product will only be offered in a new Die Revision
Reason for Change	Part # change to new process technology to 63nm
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 <a href="http://www.alliancememory.com/products/s_dram.as">http://www.alliancememory.com/products/s_dram.as</a>
Summary of Changes between New and Old part numbers	See table 1 Below

**Table 1**

Density	Organization	Alliance Part Number	Alliance New Part
64M	2M x 32	AS4C2M32S-7TCN	AS4C2M32SA-7TCN
64M	2M x 32	AS4C2M32S-6TCN	AS4C2M32SA-6TCN
64M	2M x 32	AS4C2M32S-6TIN	AS4C2M32SA-6TIN
64M	2M x 32	AS4C2M32S-5TCN	AS4C2M32SA-5TCN
128M	4M x 32	AS4C4M32S-7TCN	AS4C4M32SA-7TCN
128M	4M x 32	AS4C4M32S-6TCN	AS4C4M32SA-6TCN
128M	4M x 32	AS4C4M32S-6TIN	AS4C4M32SA-6TIN
<b>New offering</b>			
256M	8M x 32		AS4C8M32SA-7TCN
256M	8M x 32		AS4C8M32SA-6TIN

Last Time Buy Date:	October 1 <sup>st</sup> , 2015
Last Time Ship Date:	March 1 <sup>st</sup> , 2016
Sample Availability Date (2M x 32-64M)	July 31 <sup>st</sup> , 2015
Sample Availability Date (4M x 32-128M)	August 31 <sup>st</sup> , 2015
Sample Availability Date (8M x 32-256M) New Part	October 31 <sup>st</sup> , 2015
PCN Effective Date	July 31 <sup>st</sup> , 2015

**\* Any orders after October 1<sup>st</sup>, 2015 are Non-Cancelable/Non- Returnable and cannot be changed**



**Alliance Memory Inc.**

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Dear Valued Customer:

This letter provides End-of-Life (EOL) notice of SDRAM products with an x 32 organization. These products will move to new 'A' die revision in Q1-2016.

The delivery deadline is March 1<sup>st</sup>, 2016 with last time buy (LTB) deadline on October 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 will be available soon for customers to start verification procedures.

We are excited to offer our new 8M x 32 TSOP product that will add to our already existing leadership position in the SDRAM market.

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

Yours sincerely

David Bagby  
President  
**Alliance Memory Inc.**