

**Alliance Memory Inc.**

12815 NE 124th St., Suite D, Kirkland, WA 98034 USA

Tel: +1(425)898-4456, Fax +1(425)896-8628

Product Discontinue Notification (PDN)**Date:** JULY 31st, 2025**PDN TRACKING NO:** PDN#31072025**Subject:** Product Discontinue Notification (PDN) for Alliance Memory **256Mb (16Mx16)**, **512Mb (32Mx16)** and **512Mb (16Mx32)** Low Power DDR1 SDRAM in 60-ball and 90-ball FBGA Packages.

Affected Part Numbers	1. AS4C16M16MD1-6BCN / TR 2. AS4C32M16MD1A-5BCN / TR 3. AS4C16M32MD1-5BCN / TR 4. AS4C16M32MD1-5BIN / TR
Description of Change:	End-Of-Line of Affected Part Numbers and migrate to new revision Industrial Grade parts with improved supply chain
Reason for Change	Very long lead times and Capacity issues
Traceability, Guidelines (lot, date code, markings, shipment date)	Traceable through marketing part number
Alternative Part	Refer Table.1
Summary of Alternative	Proposed Alternative are pin to pin compatible with better supply chain

S N	Affected Part Number	Alternative Part Number	Product Description of Alternative Part#
1	AS4C16M16MD1-6BCN	AS4C16M16MD1A-6BIN	256Mb, x16 LPDDR1 SDRAM 166MHz Rev.A 60b FBGA Industrial Grade
	AS4C16M16MD1-6BCNTR	AS4C16M16MD1A-6BINTR	
2	AS4C32M16MD1A-5BCN	AS4C32M16MD1B-5BIN	512Mb, x16 LPDDR1 SDRAM 200MHz Rev.B 60b FBGA Industrial Grade
	AS4C32M16MD1A-5BCNTR	AS4C32M16MD1B-5BINTR	
3	AS4C16M32MD1-5BCN	AS4C16M32MD1B-5BIN	512Mb, x32 LPDDR1 SDRAM 200MHz Rev.B 90b FBGA Industrial Grade
	AS4C16M32MD1-5BCNTR	AS4C16M32MD1B-5BINTR	
4	AS4C16M32MD1-5BIN	AS4C16M32MD1B-5BIN	
	AS4C16M32MD1-5BINTR	AS4C16M32MD1B-5BINTR	

Last Time Buy Date:	October 31 st , 2025
Last Time Ship Date:	April 30 th , 2026
Sample Availability Date for alternative part number	Contact Sales representative
PCN Effective Date	July 31 st , 2025

Please contact your local sales representative if you have any questions regarding this PDN.



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Dear Valued Customer:

This letter provides Product Discontinue notification for 256Mb (16Mx16), 512Mb (32Mx16) and 512Mb (16Mx32) Low Power DDR1 SDRAM product part numbers **“AS4C16M16MD1-6BCN/TR, AS4C32M16MD1A-5BCN/TR, AS4C16M32MD1-5BCN/TR and AS4C16M32MD1-5BIN/TR”** due to long lead time supply issues caused by capacity and poor production utilization. It is an opportunity for customers to migrate to new revision alternate Industrial grade parts with improved supply chain. Due to circumstances beyond our control, we regret notifying Product discontinuation with a short notice period.

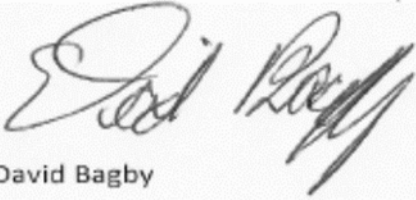
Refer to Table.1 for alternative part numbers for all the affected products.

The delivery deadline or last time ship date is **April 30th, 2026** with effective immediate last time buy (LTB) deadline **on October 31st, 2025**. Please take note that all backlogs shall suffer long lead times or cancellation if we are unable to supply by delivery deadline.

Samples for alternative part numbers are available for customers to start verification procedures and migrate to new alternative parts at the earliest.

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

Yours faithfully



David Bagby
President
Alliance Memory Inc.

