Alliance Memory Inc.



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

Tel: +1(425)898-4456

Fax +1(425)896-8628

Product Change Notification (PCN)

Date: 23rd September 2020 PCN TRACKING NO: PCN# 20200923/SM

Subject: Product Change Notification (PCN) for Alliance 4M,8M & 16M 'A' DIE LOW POWER SRAMS

Description of Change:	Product will only be offered in non-A option– Foundry #2	
Reason for Change	Foundry #1 - Wafer process will be closed	
Traceability, Guidelines	Traceable through marketing part number	
(lot, date code, markings, shipment date)		
	Non-A part alternatives already on website and can be found at	
Datasheet	https://www.alliancememory.com/products/low-power-asynchronous-sram/	
Summary of Alternative between	See table 1 Below	
'A' die #1 Foundry and non-A die #2 Foundry		

Table 1 Low Power SRAMs

Density	Organization	Alliance Part Number	Alliance Alternative Part Number to use
4M	256K x 16	AS6C4016A-45ZIN/TR	AS6C4016-55ZIN/TR
4M	256K x 16	AS6C4016A-45BIN/TR	AS6C4016-55BIN/TR
8M	1024K x 8	AS6C8008A-45ZIN/TR	AS6C8008-55ZIN/TR
8M	512K x 16	AS6C8016A-55ZIN/TR	AS6C8016-55ZIN/TR
8M	512K x 16	AS6C8016A-55BIN*/TR	AS6C8016B-55BIN*/TR
16M	1024K x 16	AS6C1616A-55BIN/TR	AS6C1616-55BIN/TR

^{*}PLEASE NOTE -

AS6C8016 TFBGA part has one chip select pin: B5. The valid level for B5 pin is low level. A6 pin is NC, pull it up or low are OK AS6C8016A TFBGA part has two-chip select pins: B5 and A6. The valid level for B5 pin is low level, the valid level for A6 pin is high level. So direct replacement would be AS6C8016B-55BIN

However, AS6C8016, AS6C8016A & AS6C8016B TFBGA lead pitch are the same.

Last Time Buy Date:	January 31 st , 2021
Last Time Ship Date:	June 30th, 2021
Sample Availability Date for non-A Foundry#2 parts	Existing part already in Production
PCN Effective Date	September 23, 2020

^{*}Any orders after 31 January 2021 are Non-Cancelable/Non-Returnable and cannot be changed. Products cannot be returned in stock rotation after this date.

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Dear Valued Customer:

This letter provides End—of—Life (EOL) notice of products for Alliance 'A' DIE LOW POWER SRAMS for densities 4M - 256Kx16 (48ballBGA&44pin TSOPII), 8M - 1024Kx8(44pin TSOPII) 512KKx16 (44pin TSOPII & 48ball TFGA), & 16M-1024K x 16 (48ball TFBGA) which are built by Foundry #1. Alternatives to these products will continue to be offered in the non-A – Foundry #2 already is in mass production.

The delivery deadline is **June 30th, 2021** with last time buy (LTB) deadline **on January 31st, 2021**. 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 can continue to provide $.18\mu$ technology product line-up (refer to *Table 1* above). The non-A die parts will continue to be built by Foundry#2.

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 faithfully

David Bagby

President
Alliance Memory Inc.



31 August 2015

David Bagby President

Alliance Memory Inc.