



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 (lot, date code, markings, shipment date)	Traceable through marketing part number
Datasheet	Non-A part alternatives already on website and can be found at https://www.alliancememory.com/products/low-power-asynchronous-sram/
Summary of Alternative between 'A' die #1 Foundry and non-A die #2 Foundry	See table 1 Below

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) 512Kx16 (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.

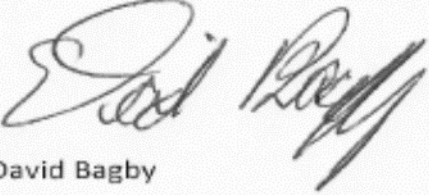
The delivery deadline is **June 30th, 2021** with last time buy (LTB) deadline **on January 31st, 2021**. Please note that the standard shipment dates will apply in general and extended delivery dates must be pre-arranged and accepted in writing by Alliance Memory Management.

Regarding the replacement, Alliance Memory can continue to provide .18μ 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
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