



Product Discontinue Notification (PDN)

Date: 10 Feb 2026

PDN TRACKING NO: PDN#10022026

Subject: Product Discontinue Notification (PDN) for Alliance Memory Part Numbers
ASFC8G31MA-51BIN & ASFC8G31MA-51BINTR (8GB eMMC v5.1 Rev.A parts).

Affected Part Numbers	ASFC8G31MA-51BIN & ASFC8G31MA-51BINTR
Description of Change:	End-Of-Line / Product Discontinue Notification for 8GB Rev.A eMMC parts. ASFC8G31MA-51BIN & ASFC8G31MA-51BINTR.
Reason for Change	Wafer FAB allocation issues. Products will be offered in revision B for better supply chain
Traceability, Guidelines	Traceable through marketing orderable part numbers
Alternative Part	Refer to Table.1
Summary of Alternative	Alternative parts are offered in Rev.B with same pinout, and function with change in Controller/Flash source.

Table. 1: Affected and Alternative Active Part Numbers

Product	Alliance EOL Rev.A Part Numbers	Alliance Alternative Rev.B Part Number
8GB eMMC-v5.1	ASFC8G31MA-51BIN ASFC8G31MA-51BINTR	ASFC8G31M B -51BIN ASFC8G31M B -51BINTR

Last Time Buy Date:	March 31 st , 2026
Last Time Ship Date:	September 30 th , 2026
Sample Availability Date for alternative part number	Contact Sales
PCN Effective Date	Feb 10 th , 2026

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



Alliance Memory Inc.

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Dear Valued Customer:

This letter provides End-of-Life (EOL) / Product Discontinuation Notice (PDN) for Alliance Memory 8GB rev.A eMMC v5.1 Industrial Temperature Grade part numbers ASFC8G31MA-51BIN & ASFC8G31MA-51BINTR. Alternatives to these products will be offered as rev.B option in Industrial Temperature Grade.

The delivery deadline is **September 30th, 2026** with last time buy (LTB) deadline on **March 31st, 2026**. 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.

Alliance Memory Inc. will make all reasonable commercial efforts to honor all purchase orders placed before LTB and scheduled delivery dates but reserves the right to not accept new orders or to cancel existing orders if they cannot be fulfilled.

Samples for Alternative part numbers as listed in Table.1 are available for customers to order samples now to start verification or qualification procedures.

Please contact your local Alliance Memory representative if you have any questions regarding this PCN notification or write to us at quality@alliancememory.com

Yours faithfully



David Bagby
President
Alliance Memory Inc.





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ASFC8G31MA-51BIN vs ASFC8G31MB-51BIN Comparison

Part Number & result Parameter	ASFC8G31MA-51BIN / TR	ASFC8G31MB-51BIN / TR	Comparison Result
Product Description	eMMC v5.1, rev.A	eMMC v5.1 , Rev.B	
Capacity	8GB	8GB	Same
Bus Width	x1 (default) , x4 & x8	x1 (default), x4 & x8	Same
eMMC Version	v5.1 (backward compatible with previous MMC versions)	v5.1 (backward compatible with previous MMC versions)	Same
Operating Power Supply (Controller)	VccQ = 1.70V ~ 1.95V or 2.7V ~ 3.6V	VccQ = 1.70V ~ 1.95V or 2.7V ~ 3.6V	Same
Operating Power Supply (NAND)	Vcc = 2.7V~3.6V	Vcc = 2.7V~3.6V	Same
Operating Temperature	Industrial (Ta = -40°C ~ 85°C)	Industrial (Ta = -40°C ~ 85°C)	Same
Storage Temperature	-40°C ~ 85°C	-40°C ~ 85°C	Same
Clock Frequency	MMC I/F Clock: 0~200MHz (Max) MMC I/F Boot Freq: 0~52MHz	MMC I/F Clock: 0~200MHz (Max) MMC I/F Boot Freq: 0~52MHz	Same
Interface Timing Mode	HS200/ HS400	HS200/ HS400	Same
NAND Flash Component	Density: 64Gb Die:1, MLC	Density: 64Gb Die:1, MLC	Same
Enhance mode support Configure pSLC mode	Yes	No	Different
Boot Partition 1	4096KB	4096KB	Same
Boot Partition 2	4096KB	4096KB	Same
Sequential Performance (HS400)	Write: 68MB/s Read = 278MB/s	Write = 110MB/s Read = 280MB/s	Comparable
Active Power Consumption	VCCQ = 175mA VCC = 129mA	VCCQ = 170mA VCC = 85mA	Comparable
Standby Power Consumption	VCCQ = 420uA VCC = 110uA	VCCQ = 80uA VCC = 45uA	Comparable
Sleep Power Consumption	VCCQ = 400uA	VCCQ = 80uA	Comparable
Package Type	153-ball TFBGA	153-ball TFBGA	Same
Package Outer Dimensions	11.5 x 13 x 0.8mm	11.5 x 13 x 1.199mm	Comparable
Package Ball pitch/matrix	0.5mm pitch, 6.5mm x 6.5mm	0.5mm pitch, 6.5mm x 6.5mm	Same
Package Material	Pb and Halogen Free	Pb and Halogen Free	Same
Pin to Pin Compatible	Yes.		