

PCN Overview				
PCN Number		DHCOM-i.MX8MP-001		
PCN Date		30.10.2025		
Type of Change		Change Component		
History				
Revision	Date	Description	Name	
R01	30.10.2025	First draft	AG	
R01	31.10.2025	Reviewed and released	HH	

Change Information	
Reason of Change	End of life (EOL) for the 16GByte eMMC flash memory.
Description of Changes	Qualification and introduction of the new eMMC flash. Current Flash: Samsung KLMAG1JETD-B041 New Flash: ACON AMEMCIBA0016025-11 or WD SDINBDG4-16G
Customer Impact	All modules with 16GByte eMMC Flash will be equipped with the new ACON AMEM-CIBA0016025-11 or WD SDINBDG4-16G memory.
Suggested Measures	DH advises customers to validate the new product version carefully before its production release. Customer software should support both old and new types of flash memory. Please note that the validation of the new flash memory was performed using the current U-Boot 2025.01 and Linux kernel version 6.12.30. Older versions are unlikely to cause problems, but this has not been tested.
Logistics	Please ask your sales contact, if you have questions regarding this change scenario.

Affected Products	
HI00105	DHCM-iMX8ML8-C160-R204-F1638-SPI16-E-SD-RTC-T-RGB-I-01D2
HI00106	DHCM-iMX8ML8-C160-R204-F1638-SPI16-E2-CAN2-RTC-I-01D2
HI00117	DHCM-iMX8ML8-C160-R204-F1638-SPI16-GE-CAN2-WBT-CSI2-HS-I-01D2
HI00119	DHCM-iMX8ML8-C160-R204-F1638-SPI16-E-SD-RTC-T-RGB-I-01D2
HI00120	DHCM-iMX8ML8-C160-R204-F1638-SPI16-E2-CAN2-RTC-I-01D2
HI00123	DHCM-iMX8ML8-C160-R204-F1638-SPI16-GE-CAN2-SD-CSI2-HS-I-01D2

Contacts	
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Datasheet Information: ACON AMEMCIBA0016025

Part Number Decoder:

A	M	EMC	I	AQ	0008	025	G	P	1	1	SA
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A	Manufacturer	acon
M	Flash-Technology	M = 2D MLC S = 2D SLC P = 2D pSLC D = 3D TLC
EMC	Product	S27 = 2,5"/7mm S29 = 2,5"/9,5mm S3F = mSATA M97 = SlimSATA S42 = M.2/2242 S60 = M.2/2260 S80 = M.2/2280 CFP = CFAST EMC = Embedded Multimedia Card
I	Industrial	I = Industrial S = Sealed
AQ	Controller	Controller Type
0008	Capacity	0004 = 4GB 0008 = 8GB 0016 = 16GB 0032 = 32GB 0064 = 64GB 0128 = 128GB 0256 = 256GB
025	Temperature	025 = -25° - +85°C 085 = -40° - +85°C
G	Firmware Power Fail	Blank = Data Safe G = Extra Data Safe
P	Hardware Power Fail	Blank = without Capacitor P = with Capacitor
1	Hardware Release	Release Counter
1	Firmware Release	Release Counter
SA	Customized Version	Samsung