


PCN Overview				
PCN Number		DHCOM-STM32MP15-007		
PCN Date		07.11.2025		
Type of Change		Change Component		
History				
Revision	Date	Description	Name	
R01	07.11.2025	First draft	AG	
R01	08.11.2025	Reviewed and released	HH	

<b>Change Information</b>	
Reason of Change	The 8GByte eMMC flash memory is poorly available.
Description of Changes	Qualification and introduction of the new eMMC flash. Current Flash: WD SDINBDG4-8G New Flash: ACON AMEMCIBA0008025-11
Customer Impact	All modules with 8GByte eMMC Flash will be equipped with the new ACON AMEMCIBA0008025-11 or WD SDINBDG4-8G 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	
HS00014	DHCM-STM32MP157C-C065-R102-F0819-SPI-E2-CAN2-SDR104-RTC-WBT-T-DSI-I-01D2
HS00015	DHCM-STM32MP157C-C065-R102-F0819-SPI-E-CAN2-SD-RTC-T-DSI-I-01D2
HS00016	DHCM-STM32MP153C-C065-R102-F0819-SPI-E2-CAN2-RTC-I-01D2
HS00017	DHCM-STM32MP153C-C065-R051-F0819-SPI-E-CAN2-I-01D2
HS00019	DHCM-STM32MP157C-C065-R102-F0819-SPI-E-CAN2-SD-RTC-T-DSI-I-01D2-microSDboot
HS00042	DHCM-STM32MP157C-C065-R102-F0819-SPI-E2-CAN2-SD-RTC-T-DSI-I-01D2-microSDboot
FS00013	DHCM-STM32MP153C-C065-R102-F0819-SPI-E2-CAN2-RTC-I-01D2
FS00014	DHCM-STM32MP153C-C065-R102-F0819-SPI-E2-CAN2-RTC-I-01D2

Contacts	
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## Datasheet Information: ACON AMEMCIBA0008025

### Part Number Decoder:

A	M	EMC	I	AQ	0008	025	G	P	1	1	SA
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<b>A</b>	Manufacturer	acon
<b>M</b>	Flash-Technology	M = 2D MLC S = 2D SLC P = 2D pSLC D = 3D TLC
<b>EMC</b>	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
<b>I</b>	Industrial	I = Industrial S = Sealed
<b>AQ</b>	Controller	Controller Type
<b>0008</b>	Capacity	0004 = 4GB 0008 = 8GB 0016 = 16GB 0032 = 32GB 0064 = 64GB 0128 = 128GB 0256 = 256GB
<b>025</b>	Temperature	025 = -25° - +85°C 085 = -40° - +85°C
<b>G</b>	Firmware Power Fail	Blank = Data Safe G = Extra Data Safe
<b>P</b>	Hardware Power Fail	Blank = without Capacitor P = with Capacitor
<b>1</b>	Hardware Release	Release Counter
<b>1</b>	Firmware Release	Release Counter
<b>SA</b>	Customized Version	Samsung