


PCN Overview			
PCN Number	DHCOM-STM32MP15-006		
PCN Date	12.08.2025		
Type of Change	Change Component		
History			
Revision	Date	Description	Name
R01	12.08.2025	First draft	AG
R01	12.08.2025	Reviewed and released	AB
R02	18.11.2025	IM eMMC removed and ACON eMMC added	AG
R02	18.11.2025	Reviewed and released	MA

Change Information	
Reason of Change	End of life (EOL) for the 4GByte eMMC flash memory.
Description of Changes	Qualification and introduction of the new eMMC flash. Current Flash: Samsung KLM4G1FETE-B041 New Flash: ACON APEMCIBA0004025-11 (Priority 1) or SkyHigh S40FC004C1B2C00 (Second source)
Customer Impact	All modules with 4GByte eMMC Flash will be equipped with the new ACON APEMCIBA0004025-11 or SkyHigh S40FC004C1B2C00 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 6.12.21. 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	
HS00024	DHCM-STM32MP157C-C065-R102-F0409-SPI-E-RTC-T-I-01D2
HS00029	DHCM-STM32MP157C-C065-R051-F0409-SPI-E2-SD-RTC-WBT-I-01D2
FS00020	DHCM-STM32MP157C-C065-R102-F0409-SPI-E-RTC-T-I-01D2

Contacts	
Technical Contact	Tel: +49 8662 4882 0 Mail: support@dh-electronics.com
Sales Contact	Tel: +49 8662 4882 0 Mail: sales@dh-electronics.com

ACON APEMCIBA0004025-11

Part Number Decoder:

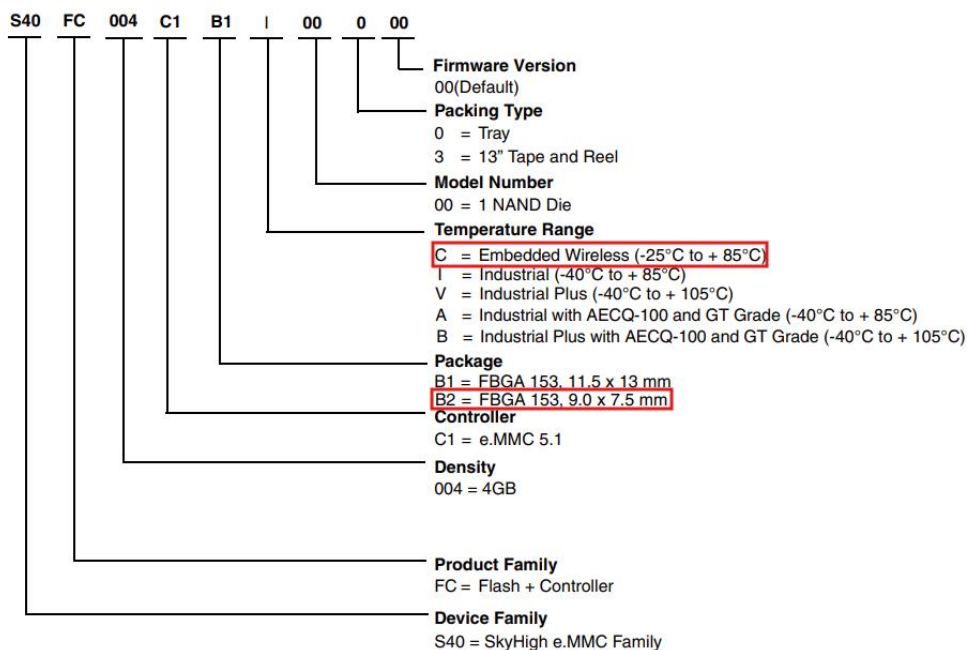
A	M	EMC	I	AQ	0008	025	G	P	1	1	SA
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A	Manufacturer	acon
M	Flash-Technology	M = 2D MLC S = 2D SLC P = 2D pSLC D = 3D TLC
EMC	Product	S27 = 2,5"/7mm S29 = 2,5"/9,5mm S3F = mSATA M97 = SlimSATA S42 = M.2/2242 S60 = M.2/2260 S80 = M.2/2280 CFP = CFAST EMC = 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

SkyHigh S40FC004C1B2C00

9. Ordering Information

The ordering part number is formed by a valid combination of the following:



Valid Combinations

Valid Combinations list configurations planned to be supported in volume for this device. Consult your local sales office to confirm availability of specific valid combinations and to check on newly released combinations.

Valid Combinations									
Device Family	Product Family	Density	Controller	Package Type	Temperature Range	Model Number	Packing Type	Firmware Version	Package Description
S40	FC	004	C1	B1, B2	I	00	0, 3	30	BGA

Note:

Contact sales for the following OPN's with standard firmware:

S40FC004C1B1I00x00

S40FC004C1B2I00x00