



Product Change Notice

(SDM5A with the latest version firmware_ SFDK003A)

Dear Valued Customers,

Apacer hereby announces the Product Change Notice of the latest version firmware for SDM5A products, as a result of upgraded firmware to SFDK003A from SFDK002A.

The details of changing description are listed at below table:

PCN Number:	E170801-1	Release Date:	8/1/2017	
Affected Product Model	SDM5A			
Subject :				
Releasing the latest version of firmware (SFDK003A)				
Description of Change:				
1. Improve Garbage Collection frequency and table management 2. Enhance random read performance 3. Fix SMART sector write issue				
Recommended Action :				
Apacer keeps on supplying SDM5A with SFDK002A firmware but recommends customers to qualify SDM5A with the latest version (SFDK003A) due to better compatibility and support.				
Description of Product Part Number Change:				
The new part numbers are listed here				
SDM5A 7P/180D LP(H)				
7P/180D LP Standard w/o Housing				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
1GB	APSDM001GA2AN-CT	APSDM001GA2AN-CTW	APSDM001GA2AN-ET	APSDM001GA2AN-ETW
2GB	APSDM002GA2AN-CT	APSDM002GA2AN-CTW	APSDM002GA2AN-ET	APSDM002GA2AN-ETW
4GB	APSDM004GA2AN-CT	APSDM004GA2AN-CTW	APSDM004GA2AN-ET	APSDM004GA2AN-ETW
8GB	APSDM008GA2AN-CT	APSDM008GA2AN-CTW	APSDM008GA2AN-ET	APSDM008GA2AN-ETW
16GB	APSDM016GA2AN-CT	APSDM016GA2AN-CTW	APSDM016GA2AN-ET	APSDM016GA2AN-ETW
7P/180D LP Standard with Housing				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
1GB	APSDM001GB2AN-CT	APSDM001GB2AN-CTW	APSDM001GB2AN-ET	APSDM001GB2AN-ETW
2GB	APSDM002GB2AN-CT	APSDM002GB2AN-CTW	APSDM002GB2AN-ET	APSDM002GB2AN-ETW
4GB	APSDM004GB2AN-CT	APSDM004GB2AN-CTW	APSDM004GB2AN-ET	APSDM004GB2AN-ETW
8GB	APSDM008GB2AN-CT	APSDM008GB2AN-CTW	APSDM008GB2AN-ET	APSDM008GB2AN-ETW
16GB	APSDM016GB2AN-CT	APSDM016GB2AN-CTW	APSDM016GB2AN-ET	APSDM016GB2AN-ETW

7P/180D LP High-speed without Housing				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
8GB	APSDM008GA2AN-CTC	APSDM008GA2AN-CTWC	APSDM008GA2AN-ETC	APSDM008GA2AN-ETWC
16GB	APSDM016GA2AN-CTC	APSDM016GA2AN-CTWC	APSDM016GA2AN-ETC	APSDM016GA2AN-ETWC
32GB	APSDM032GA2AN-CTC	APSDM032GA2AN-CTWC	APSDM032GA2AN-ETC	APSDM032GA2AN-ETWC
7P/180D LP High-speed with Housing				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
8GB	APSDM008GA2BN-CTC	APSDM008GA2BN-CTWC	APSDM008GA2BN-ETC	APSDM008GA2BN-ETWC
16GB	APSDM016GA2BN-CTC	APSDM016GA2BN-CTWC	APSDM016GA2BN-ETC	APSDM016GA2BN-ETWC
32GB	APSDM032GA2BN-CTC	APSDM032GA2BN-CTWC	APSDM032GA2BN-ETC	APSDM032GA2BN-ETWC

SDM5A 7P/180D LP2

7P/180D LP2 Without Write Protect				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
8GB	APSDM008GL2AN-CT	APSDM008GL2AN-CTW	APSDM008GL2AN-ET	APSDM008GL2AN-ETW
16GB	APSDM016GL2AN-CT	APSDM016GL2AN-CTW	APSDM016GL2AN-ET	APSDM016GL2AN-ETW
32GB	APSDM032GL2AN-CT	APSDM032GL2AN-CTW	APSDM032GL2AN-ET	APSDM032GL2AN-ETW
7P/180D LP2 With Write Protect				
	Existing (SFDK002A)		Existing (SFDK002A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
8GB	APSDM008GL2WN-CT	APSDM008GL2WN-CTW	APSDM008GL2WN-ET	APSDM008GL2WN-ETW
16GB	APSDM016GL2WN-CT	APSDM016GL2WN-CTW	APSDM016GL2WN-ET	APSDM016GL2WN-ETW
32GB	APSDM032GL2WN-CT	APSDM032GL2WN-CTW	APSDM032GL2WN-ET	APSDM032GL2WN-ETW

SDM5A 7P/180D Slim2(H)

7P/180D Slim2 Without Housing				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
1GB	APSDM001GK2AN-CT	APSDM001GK2AN-CTW	APSDM001GK2AN-ET	APSDM001GK2AN-ETW
2GB	APSDM002GK2AN-CT	APSDM002GK2AN-CTW	APSDM002GK2AN-ET	APSDM002GK2AN-ETW
4GB	APSDM004GK2AN-CT	APSDM004GK2AN-CTW	APSDM004GK2AN-ET	APSDM004GK2AN-ETW
8GB	APSDM008GK2AN-CT	APSDM008GK2AN-CTW	APSDM008GK2AN-ET	APSDM008GK2AN-ETW
16GB	APSDM016GK2AN-CT	APSDM016GK2AN-CTW	APSDM016GK2AN-ET	APSDM016GK2AN-ETW

7P/180D Slim2 With Housing				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
1GB	APSDM001GS2AN-CT	APSDM001GS2AN-CTW	APSDM001GS2AN-ET	APSDM001GS2AN-ETW
2GB	APSDM002GS2AN-CT	APSDM002GS2AN-CTW	APSDM002GS2AN-ET	APSDM002GS2AN-ETW
4GB	APSDM004GS2AN-CT	APSDM004GS2AN-CTW	APSDM004GS2AN-ET	APSDM004GS2AN-ETW
8GB	APSDM008GS2AN-CT	APSDM008GS2AN-CTW	APSDM008GS2AN-ET	APSDM008GS2AN-ETW
16GB	APSDM016GS2AN-CT	APSDM016GS2AN-CTW	APSDM016GS2AN-ET	APSDM016GS2AN-ETW

SDM5A 7P/180D Slim3(H)

7P/180D Slim3 Without Housing				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
8GB	APSDM008G62AN-CTG	APSDM008G62AN-CTGW	APSDM008G62AN-ETG	APSDM008G62AN-ETGW
16GB	APSDM016G62AN-CTG	APSDM016G62AN-CTGW	APSDM016G62AN-ETG	APSDM016G62AN-ETGW
32GB	APSDM032G62AN-CTG	APSDM032G62AN-CTGW	APSDM032G62AN-ETG	APSDM032G62AN-ETGW
7P/180D Slim3 With Housing				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
8GB	APSDM008G72AN-CTG	APSDM008G72AN-CTGW	APSDM008G72AN-ETG	APSDM008G72AN-ETGW
16GB	APSDM016G72AN-CTG	APSDM016G72AN-CTGW	APSDM016G72AN-ETG	APSDM016G72AN-ETGW
32GB	APSDM032G72AN-CTG	APSDM032G72AN-CTGW	APSDM032G72AN-ETG	APSDM032G72AN-ETGW

SDM5A 7P/90D LP(H)

7P/90D LP Without Housing				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
1GB	APSDM001GD2AN-CT	APSDM001GD2AN-CTW	APSDM001GD2AN-ET	APSDM001GD2AN-ETW
2GB	APSDM002GD2AN-CT	APSDM002GD2AN-CTW	APSDM002GD2AN-ET	APSDM002GD2AN-ETW
4GB	APSDM004GD2AN-CT	APSDM004GD2AN-CTW	APSDM004GD2AN-ET	APSDM004GD2AN-ETW
8GB	APSDM008GD2AN-CT	APSDM008GD2AN-CTW	APSDM008GD2AN-ET	APSDM008GD2AN-ETW
16GB	APSDM016GD2AN-CT	APSDM016GD2AN-CTW	APSDM016GD2AN-ET	APSDM016GD2AN-ETW
7P/90D LP With Housing				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
1GB	APSDM001GE2AN-CT	APSDM001GE2AN-CTW	APSDM001GE2AN-ET	APSDM001GE2AN-ETW
2GB	APSDM002GE2AN-CT	APSDM002GE2AN-CTW	APSDM002GE2AN-ET	APSDM002GE2AN-ETW
4GB	APSDM004GE2AN-CT	APSDM004GE2AN-CTW	APSDM004GE2AN-ET	APSDM004GE2AN-ETW

8GB	APSDM008GE2AN-CT	APSDM008GE2AN-CTW	APSDM008GE2AN-ET	APSDM008GE2AN-ETW
16GB	APSDM016GE2AN-CT	APSDM016GE2AN-CTW	APSDM016GE2AN-ET	APSDM016GE2AN-ETW

SDM5A 7P/270D N1

7P/270D N1				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
2GB	APSDM002G82AN-CT	APSDM002G82AN-CTW	APSDM002G82AN-ET	APSDM002G82AN-ETW
4GB	APSDM004G82AN-CT	APSDM004G82AN-CTW	APSDM004G82AN-ET	APSDM004G82AN-ETW
8GB	APSDM008G82AN-CT	APSDM008G82AN-CTW	APSDM008G82AN-ET	APSDM008G82AN-ETW
16GB	APSDM016G82AN-CT	APSDM016G82AN-CTW	APSDM016G82AN-ET	APSDM016G82AN-ETW

SDM5A 7P/90D MP2

7P/90D MP2 Without Write Protect				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
2GB	APSDM002GQ2AN-CT	APSDM002GQ2AN-CTW	APSDM002GQ2AN-ET	APSDM002GQ2AN-ETW
4GB	APSDM004GQ2AN-CT	APSDM004GQ2AN-CTW	APSDM004GQ2AN-ET	APSDM004GQ2AN-ETW
8GB	APSDM008GQ2AN-CT	APSDM008GQ2AN-CTW	APSDM008GQ2AN-ET	APSDM008GQ2AN-ETW
16GB	APSDM016GQ2AN-CT	APSDM016GQ2AN-CTW	APSDM016GQ2AN-ET	APSDM016GQ2AN-ETW
32GB	APSDM032GQ2AN-CT	APSDM032GQ2AN-CTW	APSDM032GQ2AN-ET	APSDM032GQ2AN-ETW
7P/90D MP2 With Write Protect				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
2GB	APSDM002GQ2WN-CT	APSDM002GQ2WN-CTW	APSDM002GQ2WN-ET	APSDM002GQ2WN-ETW
4GB	APSDM004GQ2WN-CT	APSDM004GQ2WN-CTW	APSDM004GQ2WN-ET	APSDM004GQ2WN-ETW
8GB	APSDM008GQ2WN-CT	APSDM008GQ2WN-CTW	APSDM008GQ2WN-ET	APSDM008GQ2WN-ETW
16GB	APSDM016GQ2WN-CT	APSDM016GQ2WN-CTW	APSDM016GQ2WN-ET	APSDM016GQ2WN-ETW
32GB	APSDM032GQ2WN-CT	APSDM032GQ2WN-CTW	APSDM032GQ2WN-ET	APSDM032GQ2WN-ETW

Schedule:

Sample Available Date: Now

Apacer would provide every necessary supports to ensure a smooth transition. If you have any questions and concerns with the content of this notice, please contact with Apacer sales representatives.

Vertical Market Application Product Division
Apacer Technology Inc.