



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 :				
<i>Releasing the latest version of firmware (SFDK003A)</i>				
Description of Change:				
<ol style="list-style-type: none"> 1. <i>Improve Garbage Collection frequency and table management</i> 2. <i>Enhance random read performance</i> 3. <i>Fix SMART sector write issue</i> 				
Recommended Action :				
<i>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.</i>				
Description of Product Part Number Change:				
<i>The new part numbers are listed here</i>				
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.**