



Product Change Notice (SDM5A-M with the latest version firmware_ SFDK003A)

Dear Valued Customers,

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

The details of changing description are listed at below table:

PCN Number:	E161123-1	Release Date:	11/25/2016	
Affected Product Model	SDM5A-M			
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-M with SFDK002A firmware but recommends customers to qualify SDM5A-M 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-M 7P/180D LP(H)				
7P/180D LP Standard w/o Housing				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
4GB	APSDM004GA2AN-CTM1	-	APSDM004GA2AN-GTM1	-
8GB	APSDM008GA2AN-CTM1	APSDM008GA2AN-CTM1W	APSDM008GA2AN-ETM1	APSDM008GA2AN-ETM1W
16GB	APSDM016GA2AN-CTM1	APSDM016GA2AN-CTM1W	APSDM016GA2AN-ETM1	APSDM016GA2AN-ETM1W
32GB	APSDM032GA2AN-CTM1	APSDM032GA2AN-CTM1W	APSDM032GA2AN-ETM1	APSDM032GA2AN-ETM1W
7P/180D LP Standard with Housing				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
4GB	APSDM004GB2AN-CTM1	-	APSDM004GB2AN-GTM1	-
8GB	APSDM008GB2AN-CTM1	APSDM008GB2AN-CTM1W	APSDM008GB2AN-ETM1	APSDM008GB2AN-ETM1W
16GB	APSDM016GB2AN-CTM1	APSDM016GB2AN-CTM1W	APSDM016GB2AN-ETM1	APSDM016GB2AN-ETM1W
32GB	APSDM032GB2AN-CTM1	APSDM032GB2AN-CTM1W	APSDM032GB2AN-ETM1	APSDM032GB2AN-ETM1W

7P/180D LP High-speed without Housing				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
32GB	APSDM032GA2AN-CTM1GC	APSDM032GA2AN-CTM1GC	APSDM032GA2AN-ETM1GC	APSDM032GA2AN-ETM1GC
64GB	APSDM064GA2AN-CTM1GC	APSDM064GA2AN-CTM1GC	APSDM064GA2AN-ETM1GC	APSDM064GA2AN-ETM1GC
7P/180D LP High-speed with Housing				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
32GB	APSDM032GB2AN-CTM1GC	APSDM032GB2AN-CTM1GCW	APSDM032GB2AN-ETM1GC	APSDM032GB2AN-ETM1GCW
64GB	APSDM064GB2AN-CTM1GC	APSDM064GB2AN-CTM1GCW	APSDM064GB2AN-ETM1GC	APSDM064GB2AN-ETM1GCW

SDM5A-M 7P/180D LP2

7P/180D LP2 Without Write Protect				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
32GB	APSDM032GL2AN-CTM1G	APSDM032GL2AN-CTM1GW	APSDM032GL2AN-ETM1G	APSDM032GL2AN-ETM1GW
64GB	APSDM064GL2AN-CTM1G	APSDM064GL2AN-CTM1GW	APSDM064GL2AN-ETM1G	APSDM064GL2AN-ETM1GW
7P/180D LP2 With Write Protect				
	Existing (SFDK002A)		Existing (SFDK002A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
32GB	APSDM032GL2WN-CTM1G	APSDM032GL2WN-CTM1GW	APSDM032GL2WN-ETM1G	APSDM032GL2WN-ETM1GW
64GB	APSDM064GL2WN-CTM1G	APSDM064GL2WN-CTM1GW	APSDM064GL2WN-ETM1G	APSDM064GL2WN-ETM1GW

SDM5A-M 7P/180D Slim2(H)

7P/180D Slim2 Without Housing				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
4GB	APSDM004GK2AN-CTM1	-	APSDM004GK2AN-GTM1	-
8GB	APSDM008GK2AN-CTM1	APSDM008GK2AN-CTM1W	APSDM008GK2AN-ETM1	APSDM008GK2AN-ETM1W
16GB	APSDM016GK2AN-CTM1	APSDM016GK2AN-CTM1W	APSDM016GK2AN-ETM1	APSDM016GK2AN-ETM1W
32GB	APSDM032GK2AN-CTM1	APSDM032GK2AN-CTM1W	APSDM032GK2AN-ETM1	APSDM032GK2AN-ETM1W
7P/180D Slim2 With Housing				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
4GB	APSDM004GS2AN-CTM1	-	APSDM004GS2AN-GTM1	-
8GB	APSDM008GS2AN-CTM1	APSDM008GS2AN-CTM1W	APSDM008GS2AN-ETM1	APSDM008GS2AN-ETM1W
16GB	APSDM016GS2AN-CTM1	APSDM016GS2AN-CTM1W	APSDM016GS2AN-ETM1	APSDM016GS2AN-ETM1W
32GB	APSDM032GS2AN-CTM1	APSDM032GS2AN-CTM1W	APSDM032GS2AN-ETM1	APSDM032GS2AN-ETM1W

SDM5A-M 7P/180D Slim3(H)

<i>7P/180D Slim3 Without Housing</i>				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
16GB	APSDM016G62AN-CTM1G	APSDM016G62AN-CTM1GW	APSDM016G62AN-ETM1G	APSDM016G62AN-ETM1GW
32GB	APSDM032G62AN-CTM1G	APSDM032G62AN-CTM1GW	APSDM032G62AN-ETM1G	APSDM032G62AN-ETM1GW
64GB	APSDM064G62AN-CTM1G	APSDM064G62AN-CTM1GW	APSDM064G62AN-ETM1G	APSDM064G62AN-ETM1GW
<i>7P/180D Slim3 With Housing</i>				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
16GB	APSDM016G72AN-CTM1G	APSDM016G72AN-CTM1GW	APSDM016G72AN-ETM1G	APSDM016G72AN-ETM1GW
32GB	APSDM032G72AN-CTM1G	APSDM032G72AN-CTM1GW	APSDM032G72AN-ETM1G	APSDM032G72AN-ETM1GW
64GB	APSDM064G72AN-CTM1G	APSDM064G72AN-CTM1GW	APSDM064G72AN-ETM1G	APSDM064G72AN-ETM1GW

SDM5A-M 7P/90D LP(H)

<i>7P/90D LP Without Housing</i>				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
4GB	APSDM004GD2AN-CTM1	-	APSDM004GD2AN-GTM1	-
8GB	APSDM008GD2AN-CTM1	APSDM008GD2AN-CTM1W	APSDM008GD2AN-ETM1	APSDM008GD2AN-ETM1W
16GB	APSDM016GD2AN-CTM1	APSDM016GD2AN-CTM1W	APSDM016GD2AN-ETM1	APSDM016GD2AN-ETM1W
32GB	APSDM032GD2AN-CTM1	APSDM032GD2AN-CTM1W	APSDM032GD2AN-ETM1	APSDM032GD2AN-ETM1W
<i>7P/90D LP With Housing</i>				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
4GB	APSDM004GE2AN-CTM1	-	APSDM004GE2AN-GTM1	-
8GB	APSDM008GE2AN-CTM1	APSDM008GE2AN-CTM1W	APSDM008GE2AN-ETM1	APSDM008GE2AN-ETM1W
16GB	APSDM016GE2AN-CTM1	APSDM016GE2AN-CTM1W	APSDM016GE2AN-ETM1	APSDM016GE2AN-ETM1W
32GB	APSDM032GE2AN-CTM1	APSDM032GE2AN-CTM1W	APSDM032GE2AN-ETM1	APSDM032GE2AN-ETM1W

SDM5A-M 7P/270D N1

<i>7P/270D N1</i>				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
8GB	APSDM008G82AN-CTM1	-	APSDM008G82AN-ETM1	APSDM008G82AN-ETM1W
16GB	APSDM016G82AN-CTM1	APSDM016G82AN-CTM1W	APSDM016G82AN-ETM1	APSDM016G82AN-ETM1W
32GB	APSDM032G82AN-CTM1	APSDM032G82AN-CTM1W	APSDM032G82AN-ETM1	APSDM032G82AN-ETM1W
64GB	APSDM064G82AN-CTM1	APSDM064G82AN-CTM1W	APSDM064G82AN-ETM1	APSDM064G82AN-ETM1W



SDM5A-M 7P/90D MP2

7P/90D MP2 Without Write Protect				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
4GB	APSDM004GQ2AN-CTM1	-	-	-
8GB	APSDM008GQ2AN-CTM1	-	APSDM008GQ2AN-ETM1	APSDM008GQ2AN-ETM1W
16GB	APSDM016GQ2AN-CTM1	APSDM016GQ2AN-CTM1W	APSDM016GQ2AN-ETM1	APSDM016GQ2AN-ETM1W
32GB	APSDM032GQ2AN-CTM1	APSDM032GQ2AN-CTM1W	APSDM032GQ2AN-ETM1	APSDM032GQ2AN-ETM1W
64GB	APSDM064GQ2AN-CTM1	APSDM064GQ2AN-CTM1W	APSDM064GQ2AN-ETM1	APSDM064GQ2AN-ETM1W
7P/90D MP2 With Write Protect				
	Existing (SFDK002A)		New (SFDK003A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
4GB	APSDM004GQ2WN-CTM1	-	-	-
8GB	APSDM008GQ2WN-CTM1	-	APSDM008GQ2WN-ETM1	APSDM008GQ2WN-ETM1W
16GB	APSDM016GQ2WN-CTM1	APSDM016GQ2WN-CTM1W	APSDM016GQ2WN-ETM1	APSDM016GQ2WN-ETM1W
32GB	APSDM032GQ2WN-CTM1	APSDM032GQ2WN-CTM1W	APSDM032GQ2WN-ETM1	APSDM032GQ2WN-ETM1W
64GB	APSDM064GQ2WN-CTM1	APSDM064GQ2WN-CTM1W	APSDM064GQ2WN-ETM1	APSDM064GQ2WN-ETM1W

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.**