

Product Change Notice

(SDM5A-M with the latest version firmware_ SFDK004A)

Released date: Dec. 20, 2017

Dear Valued Customers,

Apacer hereby announces the Product Change Notice of SDM5A-M 7P product, as a result of upgraded firmware to SFDK004A from SFDK003A. The details of changing description is as follow:

PCN Number:	E171220-1	Release Date:	12/20/2017
Affected Product Model	SDM5A-M 7P Series		
Subject			
Releasing the latest version of firmware (SFDK004A)			
Description of Change			
1. Enhance power-on mapping table rebuild flow on rapid power cycle test. 2. Fix high WLE issue in some corner cases. 3. Fix the device cannot be detected by SeaTool.			
Recommended Action			
Apacer keeps on supplying SDM5A-M with SFDK003A firmware but highly recommends customers to qualify SDM5A-M with the latest version (SFDK004A) due to better compatibility and support.			

Description of Product Part Number Change

The new part numbers are listed here

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

7P/180D LP Standard without Housing				
	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
4GB	APSDM004GA2AN-GTM1	-	APSDM004GA2AN-QTM1	-
8GB	APSDM008GA2AN-ETM1	APSDM008GA2AN-ETM1W	APSDM008GA2AN-PTM1	APSDM008GA2AN-PTM1W
16GB	APSDM016GA2AN-ETM1	APSDM016GA2AN-ETM1W	APSDM016GA2AN-PTM1	APSDM016GA2AN-PTM1W
32GB	APSDM032GA2AN-ETM1	APSDM032GA2AN-ETM1W	APSDM032GA2AN-PTM1	APSDM032GA2AN-PTM1W
7P/180D LP Standard with Housing				
	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
4GB	APSDM004GB2AN-GTM1	-	APSDM004GB2AN-QTM1	-
8GB	APSDM008GB2AN-ETM1	APSDM008GB2AN-ETM1W	APSDM008GB2AN-PTM1	APSDM008GB2AN-PTM1W
16GB	APSDM016GB2AN-ETM1	APSDM016GB2AN-ETM1W	APSDM016GB2AN-PTM1	APSDM016GB2AN-PTM1W
32GB	APSDM032GB2AN-ETM1	APSDM032GB2AN-ETM1W	APSDM032GB2AN-PTM1	APSDM032GB2AN-PTM1W

* For 7+2 cable-less solution, an additional digit "C" will be added at the end of the P/N.

7P/180D LP High-speed without Housing				
	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
32GB	APSDM032GA2AN-ETM1GC	APSDM032GA2AN-ETM1GCW	APSDM032GA2AN-PTM1GC	APSDM032GA2AN-PTM1GCW
64GB	APSDM064GA2AN-ETM1GC	APSDM064GA2AN-ETM1GCW	APSDM064GA2AN-PTM1GC	APSDM064GA2AN-PTM1GCW
7P/180D LP High-speed with Housing				
	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
32GB	APSDM032GB2AN-ETM1GC	APSDM032GB2AN-ETM1GCW	APSDM032GB2AN-PTM1GC	APSDM032GB2AN-PTM1GCW
64GB	APSDM064GB2AN-ETM1GC	APSDM064GB2AN-ETM1GCW	APSDM064GB2AN-PTM1GC	APSDM064GB2AN-PTM1GCW

SDM5A-M 7P/180D LP2(H)

Without Write Protect

7P/180D LP2 without Housing

	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
32GB	APSDM032GL2AN-ETM1G	APSDM032GL2AN-ETM1GW	APSDM032GL2AN-PTM1G	APSDM032GL2AN-PTM1GW
64GB	APSDM064GL2AN-ETM1G	APSDM064GL2AN-ETM1GW	APSDM064GL2AN-PTM1G	APSDM064GL2AN-PTM1GW

7P/180D LP2 with Housing

	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
32GB	APSDM032G92AN-ETM1G	APSDM032G92AN-ETM1GW	APSDM032G92AN-PTM1G	APSDM032G92AN-PTM1GW
64GB	APSDM064G92AN-ETM1G	APSDM064G92AN-ETM1GW	APSDM064G92AN-PTM1G	APSDM064G92AN-PTM1GW

With Write Protect

7P/180D LP2 without Housing

	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
32GB	APSDM032GL2WN-ETM1G	APSDM032GL2WN-ETM1GW	APSDM032GL2WN-PTM1G	APSDM032GL2WN-PTM1GW
64GB	APSDM064GL2WN-ETM1G	APSDM064GL2WN-ETM1GW	APSDM064GL2WN-PTM1G	APSDM064GL2WN-PTM1GW

7P/180D LP2 with Housing

	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
32GB	APSDM032G92WN-ETM1G	APSDM032G92WN-ETM1GW	APSDM032G92WN-PTM1G	APSDM032G92WN-PTM1GW
64GB	APSDM064G92WN-ETM1G	APSDM064G92WN-ETM1GW	APSDM064G92WN-PTM1G	APSDM064G92WN-PTM1GW

* For 7+2 cable-less solution, an additional digit "C" will be added at the end of the P/N.

SDM5A-M 7P/180D LP5(H)

Without Write Protect

7P/180D LP5 without Housing

	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
16GB	APSDM016GM2AN-ETM1G	APSDM016GM2AN-ETM1GW	APSDM016GM2AN-PTM1G	APSDM016GM2AN-PTM1GW
32GB	APSDM032GM2AN-ETM1G	APSDM032GM2AN-ETM1GW	APSDM032GM2AN-PTM1G	APSDM032GM2AN-PTM1GW
64GB	APSDM064GM2AN-ETM1G	APSDM064GM2AN-ETM1GW	APSDM064GM2AN-PTM1G	APSDM064GM2AN-PTM1GW

7P/180D LP5 with Housing

	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
16GB	APSDM016GN2AN-ETM1G	APSDM016GN2AN-ETM1GW	APSDM016GN2AN-PTM1G	APSDM016GN2AN-PTM1GW
32GB	APSDM032GN2AN-ETM1G	APSDM032GN2AN-ETM1GW	APSDM032GN2AN-PTM1G	APSDM032GN2AN-PTM1GW
64GB	APSDM064GN2AN-ETM1G	APSDM064GN2AN-ETM1GW	APSDM064GN2AN-PTM1G	APSDM064GN2AN-PTM1GW

With Write Protect

7P/180D LP5 without Housing

	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
16GB	APSDM016GM2WN-ETM1G	APSDM016GM2WN-ETM1GW	APSDM016GM2WN-PTM1G	APSDM016GM2WN-PTM1GW
32GB	APSDM032GM2WN-ETM1G	APSDM032GM2WN-ETM1GW	APSDM032GM2WN-PTM1G	APSDM032GM2WN-PTM1GW
64GB	APSDM064GM2WN-ETM1G	APSDM064GM2WN-ETM1GW	APSDM064GM2WN-PTM1G	APSDM064GM2WN-PTM1GW

7P/180D LP5 with Housing

	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
16GB	APSDM016GN2WN-ETM1G	APSDM016GN2WN-ETM1GW	APSDM016GN2WN-PTM1G	APSDM016GN2WN-PTM1GW
32GB	APSDM032GN2WN-ETM1G	APSDM032GN2WN-ETM1GW	APSDM032GN2WN-PTM1G	APSDM032GN2WN-PTM1GW
64GB	APSDM064GN2WN-ETM1G	APSDM064GN2WN-ETM1GW	APSDM064GN2WN-PTM1G	APSDM064GN2WN-PTM1GW

* For 7+2 cable-less solution, an additional digit "C" will be added at the end of the P/N.

* For Pin 7 VCC cable-less solution, an additional digit "E" will be added at the end of the P/N.

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

7P/180D Slim2 Without Housing				
	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
4GB	APSDM004GK2AN-GTM1	APSDM004GK2AN-GTM1W	APSDM004GK2AN-QTM1	APSDM004GK2AN-QTM1W
8GB	APSDM008GK2AN-ETM1	APSDM008GK2AN-ETM1W	APSDM008GK2AN-PTM1	APSDM008GK2AN-PTM1W
16GB	APSDM016GK2AN-ETM1	APSDM016GK2AN-ETM1W	APSDM016GK2AN-PTM1	APSDM016GK2AN-PTM1W
32GB	APSDM032GK2AN-ETM1	APSDM032GK2AN-ETM1W	APSDM032GK2AN-PTM1	APSDM032GK2AN-PTM1W
7P/180D Slim2 With Housing				
	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
4GB	APSDM004GS2AN-GTM1	APSDM004GS2AN-GTM1W	APSDM004GS2AN-QTM1	APSDM004GS2AN-QTM1W
8GB	APSDM008GS2AN-ETM1	APSDM008GS2AN-ETM1W	APSDM008GS2AN-PTM1	APSDM008GS2AN-PTM1W
16GB	APSDM016GS2AN-ETM1	APSDM016GS2AN-ETM1W	APSDM016GS2AN-PTM1	APSDM016GS2AN-PTM1W
32GB	APSDM032GS2AN-ETM1	APSDM032GS2AN-ETM1W	APSDM032GS2AN-PTM1	APSDM032GS2AN-PTM1W

* For 7+2 cable-less solution, an additional digit "C" will be added at the end of the P/N.

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

7P/180D Slim3 Without Housing				
	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
16GB	APSDM016G62AN-ETM1G	APSDM016G62AN-ETM1GW	APSDM016G62AN-PTM1G	APSDM016G62AN-PTM1GW
32GB	APSDM032G62AN-ETM1G	APSDM032G62AN-ETM1GW	APSDM032G62AN-PTM1G	APSDM032G62AN-PTM1GW
64GB	APSDM064G62AN-ETM1G	APSDM064G62AN-ETM1GW	APSDM064G62AN-PTM1G	APSDM064G62AN-PTM1GW
7P/180D Slim3 With Housing				
	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
16GB	APSDM016G72AN-ETM1G	APSDM016G72AN-ETM1GW	APSDM016G72AN-PTM1G	APSDM016G72AN-PTM1GW
32GB	APSDM032G72AN-ETM1G	APSDM032G72AN-ETM1GW	APSDM032G72AN-PTM1G	APSDM032G72AN-PTM1GW
64GB	APSDM064G72AN-ETM1G	APSDM064G72AN-ETM1GW	APSDM064G72AN-PTM1G	APSDM064G72AN-PTM1GW

* For 7+2 cable-less solution, an additional digit "C" will be added at the end of the P/N.

* For Pin 7 VCC cable-less solution, an additional digit "E" will be added at the end of the P/N.

SDM5A-M 7P/270D N1

7P/270D N1 Without Write Protect				
	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
8GB	APSDM008G82AN-ETM1	APSDM008G82AN-ETM1W	APSDM008G82AN-PTM1	APSDM008G82AN-PTM1W
16GB	APSDM016G82AN-ETM1	APSDM016G82AN-ETM1W	APSDM016G82AN-PTM1	APSDM016G82AN-PTM1W
32GB	APSDM032G82AN-ETM1	APSDM032G82AN-ETM1W	APSDM032G82AN-PTM1	APSDM032G82AN-PTM1W
64GB	APSDM064G82AN-ETM1	APSDM064G82AN-ETM1W	APSDM064G82AN-PTM1	APSDM064G82AN-PTM1W
7P/270D N1 With Write Protect				
	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
8GB	APSDM008G82WN-ETM1	APSDM008G82WN-ETM1W	APSDM008G82WN-PTM1	APSDM008G82WN-PTM1W
16GB	APSDM016G82WN-ETM1	APSDM016G82WN-ETM1W	APSDM016G82WN-PTM1	APSDM016G82WN-PTM1W
32GB	APSDM032G82WN-ETM1	APSDM032G82WN-ETM1W	APSDM032G82WN-PTM1	APSDM032G82WN-PTM1W
64GB	APSDM064G82WN-ETM1	APSDM064G82WN-ETM1W	APSDM064G82WN-PTM1	APSDM064G82WN-PTM1W

* For 7+2 cable-less solution, an additional digit "C" will be added at the end of the P/N.

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

7P/90D LP Without Housing				
	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
4GB	APSDM004GD2AN-GTM1	-	APSDM004GD2AN-QTM1	-
8GB	APSDM008GD2AN-ETM1	APSDM008GD2AN-ETM1W	APSDM008GD2AN-PTM1	APSDM008GD2AN-PTM1W
16GB	APSDM016GD2AN-ETM1	APSDM016GD2AN-ETM1W	APSDM016GD2AN-PTM1	APSDM016GD2AN-PTM1W
32GB	APSDM032GD2AN-ETM1	APSDM032GD2AN-ETM1W	APSDM032GD2AN-PTM1	APSDM032GD2AN-PTM1W
7P/90D LP With Housing				
	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
4GB	APSDM004GE2AN-GTM1	-	APSDM004GE2AN-QTM1	-
8GB	APSDM008GE2AN-ETM1	APSDM008GE2AN-ETM1W	APSDM008GE2AN-PTM1	APSDM008GE2AN-PTM1W
16GB	APSDM016GE2AN-ETM1	APSDM016GE2AN-ETM1W	APSDM016GE2AN-PTM1	APSDM016GE2AN-PTM1W
32GB	APSDM032GE2AN-ETM1	APSDM032GE2AN-ETM1W	APSDM032GE2AN-PTM1	APSDM032GE2AN-PTM1W

* For 7+2 cable-less solution, an additional digit "C" will be added at the end of the P/N.

SDM5A-M 7P/90D MP2

7P/90D MP2 Without Write Protect				
	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
8GB	APSDM008GQ2AN-ETM1	APSDM008GQ2AN-ETM1W	APSDM008GQ2AN-PTM1	APSDM008GQ2AN-PTM1W
16GB	APSDM016GQ2AN-ETM1	APSDM016GQ2AN-ETM1W	APSDM016GQ2AN-PTM1	APSDM016GQ2AN-PTM1W
32GB	APSDM032GQ2AN-ETM1	APSDM032GQ2AN-ETM1W	APSDM032GQ2AN-PTM1	APSDM032GQ2AN-PTM1W
64GB	APSDM064GQ2AN-ETM1	APSDM064GQ2AN-ETM1W	APSDM064GQ2AN-PTM1	APSDM064GQ2AN-PTM1W
7P/90D MP2 With Write Protect				
	Existing (SFDK003A)		New (SFDK004A)	
	Standard Temp.	Extended Temp.	Standard Temp.	Extended Temp.
8GB	APSDM008GQ2WN-ETM1	APSDM008GQ2WN-ETM1W	APSDM008GQ2WN-PTM1	APSDM008GQ2WN-PTM1W
16GB	APSDM016GQ2WN-ETM1	APSDM016GQ2WN-ETM1W	APSDM016GQ2WN-PTM1	APSDM016GQ2WN-PTM1W
32GB	APSDM032GQ2WN-ETM1	APSDM032GQ2WN-ETM1W	APSDM032GQ2WN-PTM1	APSDM032GQ2WN-PTM1W
64GB	APSDM064GQ2WN-ETM1	APSDM064GQ2WN-ETM1W	APSDM064GQ2WN-PTM1	APSDM064GQ2WN-PTM1W

* For 7+2 cable-less solution, an additional digit "C" will be added at the end of the P/N.

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.