

Product Change Notice (SDM5 with the latest version firmware_ SFDE002A)

Released date: November 17, 2014

Dear Valued Customers,

Apacer hereby announces the Product Change Notice of the latest version firmware for SDM5 products, as a result of upgraded firmware to SFDE002A from SFDE001A. New firmware will enhance the reliability and support more features of SFDE001A. Part No. will be changed to APSDM0xxGxxAN-2ATX.

The details of changing description are listed at below table:

PCN number:	E141117-01	Date:	11/17/2014
Affected Product Model	SDM5		
Subject :			
Releasing the latest version of firmware (SFDE002A)			
Description of Change:			
1. Reason of revised firmware ➤ Enhancing the compatibility & the reliability of our products			
2. Key characteristics of the change ➤ Support ATA DOWNLOAD MICROCODE function ➤ Support ATA World Wide Name ➤ Fix S.M.A.R.T. self-test issue ➤ Improve WAI (write amplification index)			
Recommended Actions:			
1. Apacer keeps on supplying the old version products but Apacer recommends customers to qualify SDM5 products with the latest version due to better reliability, compatibility & support.			
Description of New Product Part Number:			

Product Type	Capacity	Existing	New
SDM5 7P/90D Middle Profile	2GB	APSDM002GG3AN-AT	APSDM002GG3AN-2AT
	4GB	APSDM004GG3AN-AT	APSDM004GG3AN-2AT
	8GB	APSDM008GG3AN-AT	APSDM008GG3AN-2AT
	16GB	APSDM016GG3AN-AT	APSDM016GG3AN-2AT
	32GB	APSDM032GG3AN-AT	APSDM032GG3AN-2AT
SDM5 7P/90D Middle Profile ET	2GB	APSDM002GG3AN-ATW	APSDM002GG3AN-2ATW
	4GB	APSDM004GG3AN-ATW	APSDM004GG3AN-2ATW
	8GB	APSDM008GG3AN-ATW	APSDM008GG3AN-2ATW
	16GB	APSDM016GG3AN-ATW	APSDM016GG3AN-2ATW
	32GB	APSDM032GG3AN-ATW	APSDM032GG3AN-2ATW
SDM5 7P/180D Middle Profile	2GB	APSDM002G53AN-AT	APSDM002G53AN-2AT
	4GB	APSDM004G53AN-AT	APSDM004G53AN-2AT
	8GB	APSDM008G53AN-AT	APSDM008G53AN-2AT
	16GB	APSDM016G53AN-AT	APSDM016G53AN-2AT
	32GB	APSDM032G53AN-AT	APSDM032G53AN-2AT
SDM5 7P/180D Middle Profile ET	2GB	APSDM004G53AN-ATW	APSDM004G53AN-2ATW
	4GB	APSDM008G53AN-ATW	APSDM008G53AN-2ATW
	8GB	APSDM016G53AN-ATW	APSDM016G53AN-2ATW
	16GB	APSDM032G53AN-ATW	APSDM032G53AN-2ATW
	32GB	APSDM004G53AN-ATW	APSDM004G53AN-2ATW
SDM5 7P/270D Middle Profile	2GB	APSDM002GF3AN-AT	APSDM002GF3AN-2AT
	4GB	APSDM004GF3AN-AT	APSDM004GF3AN-2AT
	8GB	APSDM008GF3AN-AT	APSDM008GF3AN-2AT
	16GB	APSDM016GF3AN-AT	APSDM016GF3AN-2AT
	32GB	APSDM032GF3AN-AT	APSDM032GF3AN-2AT
SDM5 7P/270D Middle Profile ET	2GB	APSDM002GF3AN-ATW	APSDM002GF3AN-2ATW
	4GB	APSDM004GF3AN-ATW	APSDM004GF3AN-2ATW
	8GB	APSDM008GF3AN-ATW	APSDM008GF3AN-2ATW
	16GB	APSDM016GF3AN-ATW	APSDM016GF3AN-2ATW
	32GB	APSDM032GF3AN-ATW	APSDM032GF3AN-2ATW
SDM5 7P/90D Middle Profile2	2GB	APSDM002GQ3AN-AT	APSDM002GQ3AN-2AT
	4GB	APSDM004GQ3AN-AT	APSDM004GQ3AN-2AT
	8GB	APSDM008GQ3AN-AT	APSDM008GQ3AN-2AT
	16GB	APSDM016GQ3AN-AT	APSDM016GQ3AN-2AT
	32GB	APSDM032GQ3AN-AT	APSDM032GQ3AN-2AT
SDM5 7P/90D Middle Profile2 ET	2GB	APSDM002GQ3AN-ATW	APSDM002GQ3AN-2ATW
	4GB	APSDM004GQ3AN-ATW	APSDM004GQ3AN-2ATW
	8GB	APSDM008GQ3AN-ATW	APSDM008GQ3AN-2ATW
	16GB	APSDM016GQ3AN-ATW	APSDM016GQ3AN-2ATW
	32GB	APSDM032GQ3AN-ATW	APSDM032GQ3AN-2ATW
SDM5 7P/180D Middle Profile2	2GB	APSDM002GP3AN-AT	APSDM002GP3AN-2AT
	4GB	APSDM004GP3AN-AT	APSDM004GP3AN-2AT
	8GB	APSDM008GP3AN-AT	APSDM008GP3AN-2AT
	16GB	APSDM016GP3AN-AT	APSDM016GP3AN-2AT
	32GB	APSDM032GP3AN-AT	APSDM032GP3AN-2AT
SDM5 7P/180D Middle Profile2 ET	2GB	APSDM004GP3AN-ATW	APSDM004GP3AN-2ATW
	4GB	APSDM008GP3AN-ATW	APSDM008GP3AN-2ATW
	8GB	APSDM016GP3AN-ATW	APSDM016GP3AN-2ATW
	16GB	APSDM032GP3AN-ATW	APSDM032GP3AN-2ATW
	32GB	APSDM004GP3AN-ATW	APSDM004GP3AN-2ATW
SDM5 7P/270D	2GB	APSDM002GF3AN-AT	APSDM002GF3AN-2AT

Middle Profile2	4GB	APSDM004GF3AN-AT	APSDM004GF3AN-2AT
	8GB	APSDM008GF3AN-AT	APSDM008GF3AN-2AT
	16GB	APSDM016GF3AN-AT	APSDM016GF3AN-2AT
	32GB	APSDM032GF3AN-AT	APSDM032GF3AN-2AT
SDM5 7P/270D Middle Profile2 ET	2GB	APSDM002GF3AN-ATW	APSDM002GF3AN-2ATW
	4GB	APSDM004GF3AN-ATW	APSDM004GF3AN-2ATW
	8GB	APSDM008GF3AN-ATW	APSDM008GF3AN-2ATW
	16GB	APSDM016GF3AN-ATW	APSDM016GF3AN-2ATW
	32GB	APSDM032GF3AN-ATW	APSDM032GF3AN-2ATW
SDM5 7P/90D LPH (Power cable-less type)	1GB	APSDM001GE3AN-ATC	APSDM001GE3AN-2ATC
	2GB	APSDM002GE3AN-ATC	APSDM002GE3AN-2ATC
	4GB	APSDM004GE3AN-ATC	APSDM004GE3AN-2ATC
	8GB	APSDM008GE3AN-ATC	APSDM008GE3AN-2ATC
	16GB	APSDM016GE3AN-ATC	APSDM016GE3AN-2ATC
SDM5 7P/90D LPH ET (Power cable-less type)	1GB	APSDM001GE3AN-ATWC	APSDM001GE3AN-2ATWC
	2GB	APSDM002GE3AN-ATWC	APSDM002GE3AN-2ATWC
	4GB	APSDM004GE3AN-ATWC	APSDM004GE3AN-2ATWC
	8GB	APSDM008GE3AN-ATWC	APSDM008GE3AN-2ATWC
	16GB	APSDM016GE3AN-ATWC	APSDM016GE3AN-2ATWC
SDM5 7P/180D LP (Power cable type)	1GB	APSDM001GA3AN-AT	APSDM001GA3AN-2AT
	2GB	APSDM002GA3AN-AT	APSDM002GA3AN-2AT
	4GB	APSDM004GA3AN-AT	APSDM004GA3AN-2AT
	8GB	APSDM008GA3AN-AT	APSDM008GA3AN-2AT
	16GB	APSDM016GA3AN-AT	APSDM016GA3AN-2AT
SDM5 7P/180D LP ET (Power cable type)	1GB	APSDM001GA3AN-ATW	APSDM001GA3AN-2ATW
	2GB	APSDM002GA3AN-ATW	APSDM002GA3AN-2ATW
	4GB	APSDM004GA3AN-ATW	APSDM004GA3AN-2ATW
	8GB	APSDM008GA3AN-ATW	APSDM008GA3AN-2ATW
	16GB	APSDM016GA3AN-ATW	APSDM016GA3AN-2ATW
SDM5 7P/180D LPH (Power cable type)	1GB	APSDM001GB3AN-AT	APSDM001GB3AN-2AT
	2GB	APSDM002GB3AN-AT	APSDM002GB3AN-2AT
	4GB	APSDM004GB3AN-AT	APSDM004GB3AN-2AT
	8GB	APSDM008GB3AN-AT	APSDM008GB3AN-2AT
	16GB	APSDM016GB3AN-AT	APSDM016GB3AN-2AT
SDM5 7P/180D LPH ET (Power cable type)	1GB	APSDM001GB3AN-ATW	APSDM001GB3AN-2ATW
	2GB	APSDM002GB3AN-ATW	APSDM002GB3AN-2ATW
	4GB	APSDM004GB3AN-ATW	APSDM004GB3AN-2ATW
	8GB	APSDM008GB3AN-ATW	APSDM008GB3AN-2ATW
	16GB	APSDM016GB3AN-ATW	APSDM016GB3AN-2ATW
SDM5 7P/180D LP (Power cable-less type)	1GB	APSDM001GA3AN-ATC	APSDM001GA3AN-2ATC
	2GB	APSDM002GA3AN-ATC	APSDM002GA3AN-2ATC
	4GB	APSDM004GA3AN-ATC	APSDM004GA3AN-2ATC
	8GB	APSDM008GA3AN-ATC	APSDM008GA3AN-2ATC
	16GB	APSDM016GA3AN-ATC	APSDM016GA3AN-2ATC
SDM5 7P/180D LP ET (Power cable-less type)	1GB	APSDM001GA3AN-ATWC	APSDM001GA3AN-2ATWC
	2GB	APSDM002GA3AN-ATWC	APSDM002GA3AN-2ATWC
	4GB	APSDM004GA3AN-ATWC	APSDM004GA3AN-2ATWC
	8GB	APSDM008GA3AN-ATWC	APSDM008GA3AN-2ATWC
	16GB	APSDM016GA3AN-ATWC	APSDM016GA3AN-2ATWC
SDM5 7P/180D LPH (Power cable-less type)	1GB	APSDM001GB3AN-ATC	APSDM001GB3AN-2ATC
	2GB	APSDM002GB3AN-ATC	APSDM002GB3AN-2ATC
	4GB	APSDM004GB3AN-ATC	APSDM004GB3AN-2ATC
	8GB	APSDM008GB3AN-ATC	APSDM008GB3AN-2ATC

	16GB	APSDM016GB3AN-ATC	APSDM016GB3AN-2ATC
SDM5 7P/180D LPH ET (Power cable-less type)	1GB	APSDM001GB3AN-ATWC	APSDM001GB3AN-2ATWC
	2GB	APSDM002GB3AN-ATWC	APSDM002GB3AN-2ATWC
	4GB	APSDM004GB3AN-ATWC	APSDM004GB3AN-2ATWC
	8GB	APSDM008GB3AN-ATWC	APSDM008GB3AN-2ATWC
	16GB	APSDM016GB3AN-ATWC	APSDM016GB3AN-2ATWC
SDM5 7P/180D LP (high speed)	8GB	APSDM008GA3AD-ATC	APSDM008GA3AD-2ATC
	16GB	APSDM016GA3AD-ATC	APSDM016GA3AD-2ATC
	32GB	APSDM032GA3AD-ATC	APSDM032GA3AD-2ATC
SDM5 7P/180D LP ET (high speed)	8GB	APSDM008GA3AD-ATCW	APSDM008GA3AD-2ATC
	16GB	APSDM016GA3AD-ATCW	APSDM016GA3AD-2ATC
	32GB	APSDM032GA3AD-ATCW	APSDM032GA3AD-2ATC
SDM5 7P/180D LPH (high speed)	8GB	APSDM008GB3AD-ATC	APSDM008GB3AD-2ATC
	16GB	APSDM016GB3AD-ATC	APSDM016GB3AD-2ATC
	32GB	APSDM032GB3AD-ATC	APSDM032GB3AD-2ATC
SDM5 7P/90D LP (high speed)	8GB	APSDM008GD3AD-ATC	APSDM008GD3AD-2ATC
	16GB	APSDM016GD3AD-ATC	APSDM016GD3AD-2ATC
	32GB	APSDM032GD3AD-ATC	APSDM032GD3AD-2ATC
SDM5 7P/90D LP ET (high speed)	8GB	APSDM008GD3AD-ATWC	APSDM008GD3AD-2ATWC
	16GB	APSDM016GD3AD-ATWC	APSDM016GD3AD-2ATWC
	32GB	APSDM032GD3AD-ATWC	APSDM032GD3AD-2ATWC
SDM5 7P/90D LPH (high speed)	8GB	APSDM008GE3AD-ATC	APSDM008GE3AD-2ATC
	16GB	APSDM016GE3AD-ATC	APSDM016GE3AD-2ATC
	32GB	APSDM032GE3AD-ATC	APSDM032GE3AD-2ATC
SDM5 7P/180D LP2 (high speed)	8GB	APSDM008GL3AD-AT	APSDM008GL3AD-2AT
	16GB	APSDM016GL3AD-AT	APSDM016GL3AD-2AT
	32GB	APSDM032GL3AD-AT	APSDM032GL3AD-2AT
SDM5 7P/90D LP2 (high speed)	8GB	APSDM008GH3AD-AT	APSDM008GH3AD-2AT
	16GB	APSDM016GH3AD-AT	APSDM016GH3AD-2AT
	32GB	APSDM032GH3AD-AT	APSDM032GH3AD-2AT
SDM5 7P/90D LP2 ET (high speed)	8GB	APSDM008GH3AD-ATW	APSDM008GH3AD-2ATW
	16GB	APSDM016GH3AD-ATW	APSDM016GH3AD-2ATW
	32GB	APSDM032GH3AD-ATW	APSDM032GH3AD-2ATW
SDM5 7P/180D Slim2 (Power cable type)	1GB	APSDM001GK3AN-AT	APSDM001GK3AN-2AT
	2GB	APSDM002GK3AN-AT	APSDM002GK3AN-2AT
	4GB	APSDM004GK3AN-AT	APSDM004GK3AN-2AT
	8GB	APSDM008GK3AN-AT	APSDM008GK3AN-2AT
	16GB	APSDM016GK3AN-AT	APSDM016GK3AN-2AT
SDM5 7P/180D Slim2 ET (Power cable type)	1GB	APSDM001GK3AN-ATW	APSDM001GK3AN-2ATW
	2GB	APSDM002GK3AN-ATW	APSDM002GK3AN-2ATW
	4GB	APSDM004GK3AN-ATW	APSDM004GK3AN-2ATW
	8GB	APSDM008GK3AN-ATW	APSDM008GK3AN-2ATW
	16GB	APSDM016GK3AN-ATW	APSDM016GK3AN-2ATW
SDM5 7P/180D Slim2H (Power cable type)	1GB	APSDM001GS3AN-AT	APSDM001GS3AN-2AT
	2GB	APSDM002GS3AN-AT	APSDM002GS3AN-2AT
	4GB	APSDM004GS3AN-AT	APSDM004GS3AN-2AT
	8GB	APSDM008GS3AN-AT	APSDM008GS3AN-2AT
	16GB	APSDM016GS3AN-AT	APSDM016GS3AN-2AT
SDM5 7P/180D Slim2H ET (Power cable type)	1GB	APSDM001GS3AN-ATW	APSDM001GS3AN-2ATW
	2GB	APSDM002GS3AN-ATW	APSDM002GS3AN-2ATW
	4GB	APSDM004GS3AN-ATW	APSDM004GS3AN-2ATW
	8GB	APSDM008GS3AN-ATW	APSDM008GS3AN-2ATW
	16GB	APSDM016GS3AN-ATW	APSDM016GS3AN-2ATW

SDM5 7P/180D Slim2 (Power cable-less type)	1GB	APSDM001GK3AN-ATC	APSDM001GK3AN-2ATC
	2GB	APSDM002GK3AN-ATC	APSDM002GK3AN-2ATC
	4GB	APSDM004GK3AN-ATC	APSDM004GK3AN-2ATC
	8GB	APSDM008GK3AN-ATC	APSDM008GK3AN-2ATC
	16GB	APSDM016GK3AN-ATC	APSDM016GK3AN-2ATC
SDM5 7P/180D Slim2 ET (Power cable-less type)	1GB	APSDM001GK3AN-ATWC	APSDM001GK3AN-2ATWC
	2GB	APSDM002GK3AN-ATWC	APSDM002GK3AN-2ATWC
	4GB	APSDM004GK3AN-ATWC	APSDM004GK3AN-2ATWC
	8GB	APSDM008GK3AN-ATWC	APSDM008GK3AN-2ATWC
	16GB	APSDM016GK3AN-ATWC	APSDM016GK3AN-2ATWC
SDM5 7P/180D Slim2H (Power cable-less type)	1GB	APSDM001GS3AN-ATC	APSDM001GS3AN-2ATC
	2GB	APSDM002GS3AN-ATC	APSDM002GS3AN-2ATC
	4GB	APSDM004GS3AN-ATC	APSDM004GS3AN-2ATC
	8GB	APSDM008GS3AN-ATC	APSDM008GS3AN-2ATC
	16GB	APSDM016GS3AN-ATC	APSDM016GS3AN-2ATC
SDM5 7P/180D Slim2H ET (Power cable-less type)	1GB	APSDM001GS3AN-ATWC	APSDM001GS3AN-2ATWC
	2GB	APSDM002GS3AN-ATWC	APSDM002GS3AN-2ATWC
	4GB	APSDM004GS3AN-ATWC	APSDM004GS3AN-2ATWC
	8GB	APSDM008GS3AN-ATWC	APSDM008GS3AN-2ATWC
	16GB	APSDM016GS3AN-ATWC	APSDM016GS3AN-2ATWC

If you have any questions and concerns with the content of this notice, please contact with Apacer sales representatives.

We appreciate your cooperation and thank you for your continued support of Apacer products.

Kevin Pan

Product Manager

Embedded Application Product Division