

Product Change Notice

(SS220/SM220-M242 with the latest version firmware_ SFDM005E/SFDM105F)

Released date: Jul. 06, 2018

Dear Valued Customers,

Apacer hereby announces the Product Change Notice of the latest version firmware for SM220-M242, SS220-M242 products, as a result of upgraded firmware to SFDM005E/SFDM105F from SFDM004E/SFDM104F.

The details of changing description are listed at below table:

PCN Number:	E180706-5	Release Date:	Jul. 6, 2018
Affected Product Model	M.2 2242 SM220-M242, SS220-M242		
Subject			
Releasing the latest version of firmware SFDM005E/SFDM105F			
Description of Change			
1. Add SATA ReK function for thermal shock. 2. Fine tune Win10 power management compatibility. 3. Optimize error handling flow for 15nm flash. 4. Fine tune TRIM flow process to avoid no free block issue after sudden power loss for corner case.			
Recommended Action			
Apacer keeps on supplying SM220-M242, SS220-M2242 with SFDM004E/SFDM104F firmware but recommends customers to qualify SM220-M242, SS220-M242 with the latest version SFDM005E/SFDM105F due to better compatibility and support.			

Description of Product Part Number Change

The new part numbers are listed here

Operating Temperature (0 °C ~ 70 °C) for SS220-M242

	Existing		New	
	Without DEVSLP	With DEVSLP	Without DEVSLP	With DEVSLP
1GB	APM2T42SM22001GTN-4ET	APM2T42SM22001GFN-4FT	APM2T42SS22001GTN-5ET	APM2T42SS22001GFN-5FT
2GB	APM2T42SM22002GTN-4ET	APM2T42SM22002GFN-4FT	APM2T42SS22002GTN-5ET	APM2T42SS22002GFN-5FT
4GB	APM2T42SM22004GTN-4ET	APM2T42SM22004GFN-4FT	APM2T42SS22004GTN-5ET	APM2T42SS22004GFN-5FT
8GB	APM2T42SM22008GTN-4ET	APM2T42SM22008GFN-4FT	APM2T42SS22008GTN-5ET	APM2T42SS22008GFN-5FT
16GB	APM2T42SM22016GTN-4ET	APM2T42SM22016GFN-4FT	APM2T42SS22016GTN-5ET	APM2T42SS22016GFN-5FT
32GB	APM2T42SM22032GTN-4ET	APM2T42SM22016GFN-4FT	APM2T42SS22032GTN-5ET	APM2T42SS22016GFN-5FT
64GB	APM2T42SM22064GTN-4ETG	APM2T42SM22032GFN-4FTG	APM2T42SS22064GTN-5ETG	APM2T42SS22032GFN-5FTG

Operating Temperature (0 °C ~ 70 °C) for SM220-M242

	Existing		New	
	Without DEVSLP	With DEVSLP	Without DEVSLP	With DEVSLP
8GB	APM2T42SM22008GTN-4ETM	APM2T42SM22008GFN-4FTM	APM2T42SM22008GTN-5ETM	APM2T42SM22008GFN-5FTM
16GB	APM2T42SM22016GTN-4ETM	APM2T42SM22016GFN-4FTM	APM2T42SM22016GTN-5ETM	APM2T42SM22016GFN-5FTM
32GB	APM2T42SM22032GTN-4ETM	APM2T42SM22032GFN-4FTM	APM2T42SM22032GTN-5ETM	APM2T42SM22032GFN-5FTM
32GB	APM2T42SM22032GTN-4ETMG	APM2T42SM22032GFN-4FTMG	APM2T42SM22032GTN-5ETMG	APM2T42SM22032GFN-5FTMG
64GB	APM2T42SM22064GTN-4ETM	APM2T42SM22064GFN-4FTM	APM2T42SM22064GTN-5ETM	APM2T42SM22064GFN-5FTM
64GB	APM2T42SM22064GTN-4ETMG	APM2T42SM22064GFN-4FTMG	APM2T42SM22064GTN-5ETMG	APM2T42SM22064GFN-5FTMG

128GB	APM2T42SM22128GTN-4ETMG	APM2T42SM22128GFN-4FTMG	APM2T42SM22128GTN-5ETMG	APM2T42SM22128GFN-5FTMG
256GB	APM2T42SM22256GTN-4ETMG	APM2T42SM22256GFN-4FTMG	APM2T42SM22256GTN-5ETMG	APM2T42SM22256GFN-5FTMG

Operating Temperature (-40 °C ~ 85 °C) for SS220-M242

	Existing		New	
	Without DEVSLP	With DEVSLP	Without DEVSLP	With DEVSLP
1GB	APM2T42SM22001GTN-4ETW	APM2T42SM22001GFN-4FTW	APM2T42SS22001GTN-5ETW	APM2T42SS22001GFN-5FTW
2GB	APM2T42SM22002GTN-4ETW	APM2T42SM22002GFN-4FTW	APM2T42SS22002GTN-5ETW	APM2T42SS22002GFN-5FTW
4GB	APM2T42SM22004GTN-4ETW	APM2T42SM22004GFN-4FTW	APM2T42SS22004GTN-5ETW	APM2T42SS22004GFN-5FTW
8GB	APM2T42SM22008GTN-4ETW	APM2T42SM22008GFN-4FTW	APM2T42SS22008GTN-5ETW	APM2T42SS22008GFN-5FTW
16GB	APM2T42SM22016GTN-4ETW	APM2T42SM22016GFN-4FTW	APM2T42SS22016GTN-5ETW	APM2T42SS22016GFN-5FTW
32GB	APM2T42SM22032GTN-4ETW	APM2T42SM22016GFN-4FTW	APM2T42SS22032GTN-5ETW	APM2T42SS22016GFN-5FTW
64GB	APM2T42SM22064GTN-4ETGW	APM2T42SM22032GFN-4FTGW	APM2T42SS22064GTN-5ETGW	APM2T42SS22032GFN-5FTGW

Operating Temperature (-40 °C ~ 85 °C) for SM220-M242

	Existing		New	
	Without DEVSLP	With DEVSLP	Without DEVSLP	With DEVSLP
8GB	APM2T42SM22008GTN-4ETMW	APM2T42SM22008GFN-4FTMW	APM2T42SM22008GTN-5ETMW	APM2T42SM22008GFN-5FTMW
16GB	APM2T42SM22016GTN-4ETMW	APM2T42SM22016GFN-4FTMW	APM2T42SM22016GTN-5ETMW	APM2T42SM22016GFN-5FTMW
32GB	APM2T42SM22032GTN-4ETMW	APM2T42SM22032GFN-4FTMW	APM2T42SM22032GTN-5ETMW	APM2T42SM22032GFN-5FTMW

32GB	APM2T42SM22032GTN- 4ETMGW	APM2T42SM22032GFN- 4FTMGW	APM2T42SM22032GTN- 5ETMGW	APM2T42SM22032GFN- 5FTMGW
64GB	APM2T42SM22064GTN- 4ETMW	APM2T42SM22064GFN-4FTMW	APM2T42SM22064GTN- 5ETMW	APM2T42SM22064GFN-5FTMW
64GB	APM2T42SM22064GTN- 4ETMGW	APM2T42SM22064GFN- 4FTMGW	APM2T42SM22064GTN- 5ETMGW	APM2T42SM22064GFN- 5FTMGW
128GB	APM2T42SM22128GTN- 4ETMGW	APM2T42SM22128GFN- 4FTMGW	APM2T42SM22128GTN- 5ETMGW	APM2T42SM22128GFN- 5FTMGW
256GB	APM2T42SM22256GTN- 4ETMGW	APM2T42SM22256GFN- 4FTMGW	APM2T42SM22256GTN- 5ETMGW	APM2T42SM22256GFN- 5FTMGW
Schedule				
<i>Sample Available Date: Now</i>				

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.