

Product Change Notice

(SM230-M242 with the latest version firmware_ SFMA003A/SFMA003G)

Released date: Aug. 2, 2019

Dear Valued Customers,

Apacer hereby announces the Product Change Notice of the latest version firmware for SM230-M242 products, as a result of upgraded firmware to SFMA003A/SFMA003G from SFMA002A/SFMA002G.

The details of changing description are listed at below table:

PCN Number:	<i>E190731-04</i>	Release Date:	<i>Aug. 2, 2019</i>
Affected Product Model	<i>M.2 2242 SM230-M242</i>		
Subject			
<i>Releasing the latest version of firmware SFMA003A/SFMA003G</i>			
Description of Change			
<ol style="list-style-type: none"> <i>1. Enhance power saving flow.</i> <i>2. Support thermal throttling mechanism with 1CH/1CE.</i> <i>3. Support CoreAnalyzer 2.</i> <i>4. Fix OPAL Locking Range overlay issue.</i> <i>5. Fix OPAL and ATA security compatibility issue.</i> <i>6. Improve power failure management flow.</i> 			
Recommended Action			
<i>Apacer keeps on supplying SM230-M242 with SFDM002A/SFDM002G firmware but recommends customers to qualify SM230-M242 with the latest version SFDM003A/SFDM003G due to better compatibility and support.</i>			
Description of Product Part Number Change			

The new part numbers are listed here

A. Standard

Operating Temperature (0 °C ~ 70 °C) for SM230-M242

	Existing		New	
	Without DEVSLP	With DEVSLP	Without DEVSLP	With DEVSLP
8GB	APM2T42SM23008GTN-2ATM	APM2T42SM23008GFN-2BTM	APM2T42SM23008GTN-3ATM	APM2T42SM23008GFN-3BTM
16GB	APM2T42SM23016GTN-2ATM	APM2T42SM23016GFN-2BTM	APM2T42SM23016GTN-3ATM	APM2T42SM23016GFN-3BTM
32GB	APM2T42SM23032GTN-2ATM	APM2T42SM23032GFN-2BTM	APM2T42SM23032GTN-3ATM	APM2T42SM23032GFN-3BTM
64GB	APM2T42SM23064GTN-2ATMG	APM2T42SM23064GFN-2BTMG	APM2T42SM23064GTN-3ATMG	APM2T42SM23064GFN-3BTMG
128GB	APM2T42SM23128GTN-2ATMG	APM2T42SM23128GFN-2BTMG	APM2T42SM23128GTN-3ATMG	APM2T42SM23128GFN-3BTMG
256GB	APM2T42SM23256GTN-2ATMG	APM2T42SM23256GFN-2BTMG	APM2T42SM23256GTN-3ATMG	APM2T42SM23256GFN-3BTMG

Operating Temperature (-40 °C ~ 85 °C) for SM230-M242

	Existing		New	
	Without DEVSLP	With DEVSLP	Without DEVSLP	With DEVSLP
8GB	APM2T42SM23008GTN-2ATMW	APM2T42SM23008GFN-2BTMW	APM2T42SM23008GTN-3ATMW	APM2T42SM23008GFN-3BTMW
16GB	APM2T42SM23016GTN-2ATMW	APM2T42SM23016GFN-2BTMW	APM2T42SM23016GTN-3ATMW	APM2T42SM23016GFN-3BTMW
32GB	APM2T42SM23032GTN-2ATMW	APM2T42SM23032GFN-2BTMW	APM2T42SM23032GTN-3ATMW	APM2T42SM23032GFN-3BTMW
64GB	APM2T42SM23064GTN-2ATMGW	APM2T42SM23064GFN- 2BTMGW	APM2T42SM23064GTN-3ATMGW	APM2T42SM23064GFN-3BTMGW
128GB	APM2T42SM23128GTN-2ATMGW	APM2T42SM23128GFN- 2BTMGW	APM2T42SM23128GTN-3ATMGW	APM2T42SM23128GFN-3BTMGW

256GB	APM2T42SM23256GTN-2ATMGW	APM2T42SM23256GFN-2BTMGW	APM2T42SM23256GTN-3ATMGW	APM2T42SM23256GFN-3BTMGW
B. AES/Opal Function (optional)				
<i>Operating Temperature (0 °C ~ 70 °C) for SM230-M242</i>				
	Existing		New	
	Without DEVSLP	With DEVSLP	Without DEVSLP	With DEVSLP
8GB	APM2T42SM23008GTN-2GTM	APM2T42SM23008GFN-2HTM	APM2T42SM23008GTN-3GTM	APM2T42SM23008GFN-3HTM
16GB	APM2T42SM23016GTN-2GTM	APM2T42SM23016GFN-2HTM	APM2T42SM23016GTN-3GTM	APM2T42SM23016GFN-3HTM
32GB	APM2T42SM23032GTN-2GTM	APM2T42SM23032GFN-2HTM	APM2T42SM23033GTN-3GTM	APM2T42SM23032GFN-3HTM
64GB	APM2T42SM23064GTN-2GTMG	APM2T42SM23064GFN-2HTMG	APM2T42SM23064GTN-3GTMG	APM2T42SM23064GFN-3HTMG
128GB	APM2T42SM23128GTN-2GTMG	APM2T42SM23128GFN-2HTMG	APM2T42SM23128GTN-3GTMG	APM2T42SM23128GFN-3HTMG
256GB	APM2T42SM23256GTN-2GTMG	APM2T42SM23256GFN-2HTMG	APM2T42SM23256GTN-3GTMG	APM2T42SM23256GFN-3HTMG
<i>Operating Temperature (-40 °C ~ 85 °C) for SM230-M242</i>				
	Existing		New	
	Without DEVSLP	With DEVSLP	Without DEVSLP	With DEVSLP
8GB	APM2T42SM23008GTN-2GTMW	APM2T42SM23008GFN-2HTMW	APM2T42SM23008GTN-3GTMW	APM2T42SM23008GFN-3HTMW
16GB	APM2T42SM23016GTN-2GTMW	APM2T42SM23016GFN-2HTMW	APM2T42SM23016GTN-3GTMW	APM2T42SM23016GFN-3HTMW
32GB	APM2T42SM23032GTN-2GTMW	APM2T42SM23032GFN-2HTMW	APM2T42SM23033GTN-3GTMW	APM2T42SM23032GFN-3HTMW
64GB	APM2T42SM23064GTN-2GTMGW	APM2T42SM23064GFN-2HTMGW	APM2T42SM23064GTN-3GTMGW	APM2T42SM23064GFN-3HTMGW

128GB	APM2T42SM23128GTN-2GTMGW	APM2T42SM23128GFN-2HTMGW	APM2T42SM23128GTN-2GTMGW	APM2T42SM23128GFN-3HTMGW	
256GB	APM2T42SM23256GTN-2GTMGW	APM2T42SM23256GFN-2HTMGW	APM2T42SM23256GTN-2GTMGW	APM2T42SM23256GFN-3HTMGW	
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.