

Product Change Notice

(SM230-M242 with the latest version firmware_ SFMA002A/ SFMA102B/SFMA002G/
SFMA102H)

Released date: Jul. 13, 2018

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 SFMA002A / SFMA102B / SFMA002G / SFMA102H from SFMA001A / SFMA101B / SFMA001G / SFMA101H.

The details of changing description are listed at below table:

PCN Number:	<i>E180713-2</i>	Release Date:	<i>Jul.13, 2018</i>
Affected Product Model	<i>M.2 2242 SM230-M242</i>		
Subject			
<i>Releasing the latest version of firmware SFMA002A/ SFMA102B/SFMA002G/ SFMA102H</i>			
Description of Change			
<ol style="list-style-type: none"> 1. <i>Add LED blink interval between Security Erase.</i> 2. <i>Improve firmware block backup mechanism.</i> 3. <i>Optimize table rebuilding flow after sudden power loss.</i> 4. <i>Fix erase count table issue when perform 4K random write.</i> 5. <i>Optimize write performance in HDTUNE and ATTO test.</i> 6. <i>Fix negative temperature issue in SMART.</i> 			
Recommended Action			
<i>Apacer keeps on supplying SM230-M242 with SFMA001A/ SFMA101B / SFMA001G/SFMA101H firmware but recommends customers to qualify SM230-M242 with the latest version SFMA002A/ SFMA102B/SFMA002G/ SFMA102H 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-1ATM	APM2T42SM23008GFN-1 BTM	APM2T42SM23008GTN-2AT M	APM2T42SM23008GFN-2BT M
16GB	APM2T42SM23016GTN-1ATM	APM2T42SM23016GFN-1 BTM	APM2T42SM23016GTN-2AT M	APM2T42SM23016GFN-2BT M
32GB	APM2T42SM23032GTN-1ATM	APM2T42SM23032GFN-1 BTM	APM2T42SM23032GTN-2AT M	APM2T42SM23032GFN-2BT M
64GB	APM2T42SM23064GTN-1ATM G	APM2T42SM23064GFN-1 BTMG	APM2T42SM23064GTN-2AT MG	APM2T42SM23064GFN-2BT MG
128GB	APM2T42SM23128GTN-1ATM G	APM2T42SM23128GFN-1 BTMG	APM2T42SM23128GTN-2AT MG	APM2T42SM23128GFN-2BT MG
256GB	APM2T42SM23256GTN-1ATM G	APM2T42SM23256GFN-1 BTMG	APM2T42SM23256GTN-2AT MG	APM2T42SM23256GFN-2BT MG

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

	Existing		New	
	Without DEVSLP	With DEVSLP	Without DEVSLP	With DEVSLP
8GB	APM2T42SM23008GTN-1ATM W	APM2T42SM23008GFN-1 BTMW	APM2T42SM23008GTN-2AT MW	APM2T42SM23008GFN-2BT MW
16GB	APM2T42SM23016GTN-1ATM W	APM2T42SM23016GFN-1 BTMW	APM2T42SM23016GTN-2AT MW	APM2T42SM23016GFN-2BT MW
32GB	APM2T42SM23032GTN-1ATM W	APM2T42SM23032GFN-1 BTMW	APM2T42SM23032GTN-2AT MW	APM2T42SM23032GFN-2BT MW
64GB	APM2T42SM23064GTN-1ATM GW	APM2T42SM23064GFN-1 BTMGW	APM2T42SM23064GTN-2AT MGW	APM2T42SM23064GFN-2BT MGW
128GB	APM2T42SM23128GTN-1ATM GW	APM2T42SM23128GFN-1 BTMGW	APM2T42SM23128GTN-2AT MGW	APM2T42SM23128GFN-2BT MGW

256GB	APM2T42SM23256GTN-1ATM GW	APM2T42SM23256GFN-1 BTMGW	APM2T42SM23256GTN-2AT MGW	APM2T42SM23256GFN-2BT MGW
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B. AES/Opal Function (optional)

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

	Existing		New	
	Without DEVSLP	With DEVSLP	Without DEVSLP	With DEVSLP
8GB	APM2T42SM23008GTN-1GTM	APM2T42SM23008GFN-1 HTM	APM2T42SM23008GTN-2 GTM	APM2T42SM23008GFN-2HTM
16GB	APM2T42SM23016GTN-1GTM	APM2T42SM23016GFN-1 HTM	APM2T42SM23016GTN-2 GTM	APM2T42SM23016GFN-2HTM
32GB	APM2T42SM23032GTN-1GTM	APM2T42SM23032GFN-1 HTM	APM2T42SM23032GTN-2 GTM	APM2T42SM23032GFN-2HTM
64GB	APM2T42SM23064GTN-1GTM G	APM2T42SM23064GFN-1 HTMG	APM2T42SM23064GTN-2 GTMG	APM2T42SM23064GFN-2HTM G
128GB	APM2T42SM23128GTN-1GTM G	APM2T42SM23128GFN-1 HTMG	APM2T42SM23128GTN-2 GTMG	APM2T42SM23128GFN-2HTM G
256GB	APM2T42SM23256GTN-1GTM G	APM2T42SM23256GFN-1 HTMG	APM2T42SM23256GTN-2 GTMG	APM2T42SM23256GFN-2HTM G

Schedule

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

	Existing		New	
	Without DEVSLP	With DEVSLP	Without DEVSLP	With DEVSLP
8GB	APM2T42SM23008GTN-1GTM W	APM2T42SM23008GFN-1 HTMW	APM2T42SM23008GTN-2 GTMW	APM2T42SM23008GFN-2HTM W
16GB	APM2T42SM23016GTN-1GTM W	APM2T42SM23016GFN-1 HTMW	APM2T42SM23016GTN-2 GTMW	APM2T42SM23016GFN-2HTM W
32GB	APM2T42SM23032GTN-1GTM W	APM2T42SM23032GFN-1 HTMW	APM2T42SM23032GTN-2 GTMW	APM2T42SM23032GFN-2HTM W
64GB	APM2T42SM23064GTN-1GTM GW	APM2T42SM23064GFN-1 HTMGW	APM2T42SM23064GTN-2 GTMGW	APM2T42SM23064GFN-2HTM GW

128GB	APM2T42SM23128GTN-1GTM GW	APM2T42SM23128GFN-1 HTMGW	APM2T42SM23128GTN-2 GTMGW	APM2T42SM23128GFN-2HTM GW
256GB	APM2T42SM23256GTN-1GTM GW	APM2T42SM23256GFN-1 HTMGW	APM2T42SM23256GTN-2 GTMGW	APM2T42SM23256GFN-2HTM GW

Sample Available Date: 2018/7/13

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.