

## Product Change Notice

(SM230-M280 with the latest version firmware\_  
SFMA003G/SFMA103H/SFMA003U/SFMA103V)

Released date: Aug. 2, 2019

Dear Valued Customers,

Apacer hereby announces the Product Change Notice of the latest version firmware for SM230-M280 products, as a result of upgraded firmware to SFMA003G/SFMA103H/SFMA003U/SFMA103V from SFMA002G/SFMA102H/SFMA002U/SFMA102V.

The details of changing description are listed at below table:

<b>PCN Number:</b>	<i>E190731-05</i>	<b>Release Date:</b>	<i>Aug. 2, 2019</i>
<b>Affected Product Model</b>	<i>SATA SM230-M280</i>		
<b>Subject</b>			
<i>Releasing the latest version of firmware SFMA003G/SFMA103H/SFMA003U/SFMA103V</i>			
<b>Description of Change</b>			
<ol style="list-style-type: none"> <li>1. <i>Enhance power saving flow.</i></li> <li>2. <i>Support thermal throttling mechanism with 1CH/1CE.</i></li> <li>3. <i>Support CoreAnalyzer 2.</i></li> <li>4. <i>Fix OPAL Locking Range overlay issue.</i></li> <li>5. <i>Fix OPAL and ATA security compatibility issue.</i></li> <li>6. <i>Improve power failure management flow.</i></li> </ol>			
<b>Recommended Action</b>			
<p><i>Apacer keeps on supplying SM230-M280 with SFMA002G/SFMA102H/SFMA002U/SFMA102V firmware but recommends customers to qualify SM230-M280 with the latest version SFMA003G/SFMA103H/SFMA003U/SFMA103V due to better compatibility and support.</i></p>			

## Description of Product Part Number Change

The new part numbers are listed here

▪ Operating Temperature (0 °C ~ 70 °C) for SM230-M280

	Existing		New	
	Without DEVSLP	With DEVSLP	Without DEVSLP	With DEVSLP
32GB	APM2T80SM23032GTNS- 2GTMG	APM2T80SM23032GFNS- 2HTMG	APM2T80SM23032GTNS- 3GTMG	APM2T80SM23032GFNS- 3HTMG
64GB	APM2T80SM23064GTNS- 2GTMG	APM2T80SM23064GFNS- 2HTMG	APM2T80SM23064GTNS- 3GTMG	APM2T80SM23064GFNS- 3HTMG
128GB	APM2T80SM23128GTNS- 2GTMG	APM2T80SM23128GFNS- 2HTMG	APM2T80SM23128GTNS- 3GTMG	APM2T80SM23128GFNS- 3HTMG
256GB	APM2T80SM23256GTNS- 2GTMG	APM2T80SM23256GFNS- 2HTMG	APM2T80SM23256GTNS- 3GTMG	APM2T80SM23256GFNS- 3HTMG
512GB	APM2T80SM23512GTNS- 2GTMG	APM2T80SM23512GFNS- 2HTMG	APM2T80SM23512GTNS- 3GTMG	APM2T80SM23512GFNS- 3HTMG
1TB	APM2T80SM23001TTND- 2UTMG	APM2T80SM23001TFND- 2VTMG	APM2T80SM23001TTND- 3UTMG	APM2T80SM23001TFND- 3VTMG

▪ Operating Temperature (-40 °C ~ 85 °C) for SM230-M280

	Existing		New	
	Without DEVSLP	With DEVSLP	Without DEVSLP	With DEVSLP
32GB	APM2T80SM23032GTNS- 2GTMGW	APM2T80SM23032GFNS- 2HTMGW	APM2T80SM23032GTNS- 3GTMGW	APM2T80SM23032GFNS- 3HTMGW
64GB	APM2T80SM23064GTNS- 2GTMGW	APM2T80SM23064GFNS- 2HTMGW	APM2T80SM23064GTNS- 3GTMGW	APM2T80SM23064GFNS- 3HTMGW
128GB	APM2T80SM23128GTNS- 2GTMGW	APM2T80SM23128GFNS- 2HTMGW	APM2T80SM23128GTNS- 3GTMGW	APM2T80SM23128GFNS- 3HTMGW
256GB	APM2T80SM23256GTNS- 2GTMGW	APM2T80SM23256GFNS- 2HTMGW	APM2T80SM23256GTNS- 3GTMGW	APM2T80SM23256GFNS- 3HTMGW
512GB	APM2T80SM23512GTNS- 2GTMGW	APM2T80SM23512GFNS- 2HTMGW	APM2T80SM23512GTNS- 3GTMGW	APM2T80SM23512GFNS- 3HTMGW
1TB	APM2T80SM23001TTND- 2UTMGW	APM2T80SM23001TFND- 2VTMGW	APM2T80SM23001TTND- 3UTMGW	APM2T80SM23001TFND- 3VTMGW

## 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.**