

Product Change Notice

(SM210/SS210-M280 with the latest version firmware_ SFDM005A/SFDM105B)

Released date: July 4, 2018

Dear Valued Customers,

Apacer hereby announces the Product Change Notice of the latest version firmware for SM210-M280, SS210-M280 products, as a result of upgraded firmware to SFDM005A/SFDM105B from SFDM004A/SFDM104B.

The details of changing description are listed at below table:

PCN Number:	<i>E180704-1</i>	Release Date:	<i>July 4, 2018</i>
Affected Product Model	<i>M.2 2280 SM210-M280, SS210-M280</i>		
Subject			
<i>Releasing the latest version of firmware SFDM005A/SFDM105B</i>			
Description of Change			
<ol style="list-style-type: none"> <i>1. Modify SATA PHY Error Count in S.M.A.R.T. attribute</i> <i>2. Add SATA ReK function for thermal shock.</i> <i>3. Enhance flash error handling mechanism.</i> <i>4. Optimize Quick Build Table (QBT) flow.</i> <i>5. Fine tune TRIM flow process to avoid no free block issue after sudden power loss for corner case.</i> 			
Recommended Action			
<i>Apacer keeps on supplying SM210-M280 and SS210-M280 with SFDM004A/SFDM104B firmware but recommends customers to qualify SM210-M280 and SS210-M280 with the latest version SFDM005A/SFDM105B due to better compatibility and support.</i>			

Description of Product Part Number Change

The new part numbers are listed here

Operating Temperature (0°C ~ 70°C) for SM210-M280

	Existing		New	
	Without DEVSLP	With DEVSLP	Without DEVSLP+Thermal Sensor	With DEVSLP+Thermal Sensor
32GB	APM2T80SM21032GAS-4ATMG	APM2T80SM21032GAS-4BTMG	APM2T80SM21032GTS-5ATMG	APM2T80SM21032GFS-5BTMG
64GB	APM2T80SM21064GAS-4ATMG	APM2T80SM21064GAS-4BTMG	APM2T80SM21064GTS-5ATMG	APM2T80SM21064GFS-5BTMG
128GB	APM2T80SM21128GAS-4ATMG	APM2T80SM21128GAS-4BTMG	APM2T80SM21128GTS-5ATMG	APM2T80SM21128GFS-5BTMG
256GB	APM2T80SM21256GAS-4ATMG	APM2T80SM21256GAS-4BTMG	APM2T80SM21256GTS-5ATMG	APM2T80SM21256GFS-5BTMG
512GB	APM2T80SM21512GASD-4ATMG	APM2T80SM21512GASD-4BTMG	APM2T80SM21512GTS-5ATMG	APM2T80SM21512GFS-5BTMG

Operating Temperature (-40°C ~ 85°C) for SM210-M280

	Existing		New	
	Without DEVSLP	With DEVSLP	Without DEVSLP+Thermal Sensor	With DEVSLP+Thermal Sensor
32GB	APM2T80SM21032GAS-4ATMGW	APM2T80SM21032GAS-4BTMGW	APM2T80SM21032GTS-5ATMGW	APM2T80SM21032GFS-5BTMGW
64GB	APM2T80SM21064GAS-4ATMGW	APM2T80SM21064GAS-4BTMGW	APM2T80SM21064GTS-5ATMGW	APM2T80SM21064GFS-5BTMGW
128GB	APM2T80SM21128GAS-4ATMGW	APM2T80SM21128GAS-4BTMGW	APM2T80SM21128GTS-5ATMGW	APM2T80SM21128GFS-5BTMGW
256GB	APM2T80SM21256GAS-4ATMGW	APM2T80SM21256GAS-4BTMGW	APM2T80SM21256GTS-5ATMGW	APM2T80SM21256GFS-5BTMGW
512GB	APM2T80SM21512GASD-4ATMGW	APM2T80SM21512GASD-4BTMGW	APM2T80SM21512GTS-5ATMGW	APM2T80SM21512GFS-5BTMGW

Operating Temperature (-40°C ~ 85°C) for SS210-M280

	Existing	New
	With DEVSLP	With DEVSLP
16GB	APM2T80SS21016GAS-4BTGW	APM2T80SS21016GFS-5BTGW
32GB	APM2T80SS21032GAS-4BTGW	APM2T80SS21032GFS-5BTGW
64GB	APM2T80SS21064GAS-4BTGW	APM2T80SS21064GFS-5BTGW
128GB	APM2T80SS21128GAND-4BTGW	APM2T80SS21128GFSD-5BTGW

Schedule

Sample Available Date: 2018/7/4

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.**