

Product Change Notice

(SM210-18/SS210-18 with the latest version firmware_ SFDM005A/SFDM105B)

Released date: Jun. 19, 2018

Dear Valued Customers,

Apacer hereby announces the Product Change Notice of SM210-18,SS210-18 products, as a result of upgraded firmware to SFDM005A/SFDM105B from SFDM004A/SFDM104B. The details of changing description is as follow:

PCN Number:	<i>E180620-1</i>	Release Date:	<i>06/19/2018</i>
Affected Product Model	<i>SM210-18, SS210-18</i>		
Subject			
<i>Releasing the latest version of firmware SFDM005A/SFDM105B</i>			
Description of Change			
<ol style="list-style-type: none"> 1. <i>Modify SATA PHY Error Count in S.M.A.R.T. attribute</i> 2. <i>Add SATA ReK function for thermal shock.</i> 3. <i>Enhance flash error handling mechanism.</i> 4. <i>Optimize Quick Build Table (QBT) flow.</i> 5. <i>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 SM210-18, SS210-18 with SFDM004A/SFDM104B firmware but recommends customers to qualify SM210-18, SS210-18 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 SM210-18

3.3V 0°C ~ 70°C	Existing		New	
	No DEVSLP	DEVSLP	No DEVSLP	DEVSLP
32GB	APS18AFA032G-4ATM1GL	APS18AFA032G-4BTM1GL	APS18AFA032G-5ATM1GL	APS18AFA032G-5BTM1GL
64GB	APS18AFA064G-4ATM1GL	APS18AFA064G-4BTM1GL	APS18AFA064G-5ATM1GL	APS18AFA064G-5BTM1GL
128GB	APS18AFA128G-4ATM1GL	APS18AFA128G-4BTM1GL	APS18AFA128G-5ATM1GL	APS18AFA128G-5BTM1GL
256GB	APS18AFA256G-4ATM1GL	APS18AFA256G-4BTM1GL	APS18AFA256G-5ATM1GL	APS18AFA256G-5BTM1GL
512GB	APS18AFA512G-4ATM1GL	APS18AFA512G-4BTM1GL	APS18AFA512G-5ATM1GL	APS18AFA512G-5BTM1GL

Operating Temperature (-40°C ~ 85°C) for SM210-18

3.3V -40°C ~ 85°C	Existing		New	
	No DEVSLP	DEVSLP	No DEVSLP	DEVSLP
32GB	APS18AFA032G-4ATM1GWL	APS18AFA032G-4BTM1GWL	APS18AFA032G-5ATM1GWL	APS18AFA032G-5BTM1GWL
64GB	APS18AFA064G-4ATM1GWL	APS18AFA064G-4BTM1GWL	APS18AFA064G-5ATM1GWL	APS18AFA064G-5BTM1GWL
128GB	APS18AFA128G-4ATM1GWL	APS18AFA128G-4BTM1GWL	APS18AFA128G-5ATM1GWL	APS18AFA128G-5BTM1GWL
256GB	APS18AFA256G-4ATM1GWL	APS18AFA256G-4BTM1GWL	APS18AFA256G-5ATM1GWL	APS18AFA256G-5BTM1GWL
512GB	APS18AFA512G-4ATM1GWL	APS18AFA512G-4BTM1GWL	APS18AFA512G-5ATM1GWL	APS18AFA512G-5BTM1GWL

Operating Temperature (0°C ~ 70°C) for SM210-18

5V 0°C ~ 70°C	Existing		New	
	No DEVSLP	DEVSLP	No DEVSLP	DEVSLP
32GB	APS18AFA032G-4ATM1G	APS18AFA032G-4BTM1G	APS18AFA032G-5ATM1G	APS18AFA032G-5BTM1G
64GB	APS18AFA064G-4ATM1G	APS18AFA064G-4BTM1G	APS18AFA064G-5ATM1G	APS18AFA064G-5BTM1G
128GB	APS18AFA128G-4ATM1G	APS18AFA128G-4BTM1G	APS18AFA128G-5ATM1G	APS18AFA128G-5BTM1G
256GB	APS18AFA256G-4ATM1G	APS18AFA256G-4BTM1G	APS18AFA256G-5ATM1G	APS18AFA256G-5BTM1G
512GB	APS18AFA512G-4ATM1G	APS18AFA512G-4BTM1G	APS18AFA512G-5ATM1G	APS18AFA512G-5BTM1G

Operating Temperature (-40°C ~ 85°C) for SM210-18

5V -40°C ~ 85°C	Existing		New	
	No DEVSLP	DEVSLP	No DEVSLP	DEVSLP
32GB	APS18AFA032G-4ATM1GW	APS18AFA032G-4BTM1GW	APS18AFA032G-5ATM1GW	APS18AFA032G-5BTM1GW
64GB	APS18AFA064G-4ATM1GW	APS18AFA064G-4BTM1GW	APS18AFA064G-5ATM1GW	APS18AFA064G-5BTM1GW
128GB	APS18AFA128G-4ATM1GW	APS18AFA128G-4BTM1GW	APS18AFA128G-5ATM1GW	APS18AFA128G-5BTM1GW
256GB	APS18AFA256G-4ATM1GW	APS18AFA256G-4BTM1GW	APS18AFA256G-5ATM1GW	APS18AFA256G-5BTM1GW
512GB	APS18AFA512G-4ATM1GW	APS18AFA512G-4BTM1GW	APS18AFA512G-5ATM1GW	APS18AFA512G-5BTM1GW

The new part numbers are listed here

Operating Temperature (0°C ~ 70°C) for SS210-18

3.3V 0°C ~ 70°C	Existing		New	
	No DEVSLP	DEVSLP	No DEVSLP	DEVSLP
32GB	APS18AFA032G-4ATL	APS18AFA032G-4BTL	APS18AFA032G5ATL	APS18AFA032G-5BTL
64GB	APS18AFA064G-4ATL	APS18AFA064G-4BTL	APS18AFA064G-5ATL	APS18AFA064G-5BTL
128GB	APS18AFA128G-4ATL	APS18AFA128G-4BTL	APS18AFA128G-5ATL	APS18AFA128G-5BTL
240GB	APS18AFA240G-4ETL	APS18AFA240G-4FTL	APS18AFA240G-5ETL	APS18AFA240G-5FTL

Operating Temperature (-40°C ~ 85°C) for SS210-18

3.3V -40°C ~ 85°C	Existing		New	
	No DEVSLP	DEVSLP	No DEVSLP	DEVSLP
32GB	APS18AFA032G-4ATWL	APS18AFA032G-4BTWL	APS18AFA032G-5ATWL	APS18AFA032G-5BTWL
64GB	APS18AFA064G-4ATWL	APS18AFA064G-4BTWL	APS18AFA064G-5ATWL	APS18AFA064G-5BTWL
128GB	APS18AFA128G-4ATWL	APS18AFA128G-4BTWL	APS18AFA128G-5ATWL	APS18AFA128G-5BTWL
240GB	APS18AFA240G-4ETWL	APS18AFA240G-4FTWL	APS18AFA240G-5ETWL	APS18AFA240G-5FTWL

Operating Temperature (0°C ~ 70°C) for SS210-18

5V 0°C ~ 70°C	Existing		New	
	No DEVSLP	DEVSLP	No DEVSLP	DEVSLP
32GB	APS18AFA032G-4AT	APS18AFA032G-4BT	APS18AFA032G-5AT	APS18AFA032G-5BT
64GB	APS18AFA064G-4AT	APS18AFA064G-4BT	APS18AFA064G-5AT	APS18AFA064G-5BT
128GB	APS18AFA128G-4AT	APS18AFA128G-4BT	APS18AFA128G-5AT	APS18AFA128G-5BT
240GB	APS18AFA240G-4ET	APS18AFA240G-4FT	APS18AFA240G-5ET	APS18AFA240G-5FT

Operating Temperature (-40°C ~ 85°C) for SS210-18

5V -40°C ~ 85°C	Existing		New	
	No DEVSLP	DEVSLP	No DEVSLP	DEVSLP
32GB	APS18AFA032G-4ATW	APS18AFA032G-4BTW	APS18AFA032G-5ATW	APS18AFA032G-5BTW
64GB	APS18AFA064G-4ATW	APS18AFA064G-4BTW	APS18AFA064G-5ATW	APS18AFA064G-5BTW
128GB	APS18AFA128G-4ATW	APS18AFA128G-4BTW	APS18AFA128G-5ATW	APS18AFA128G-5BTW
240GB	APS18AFA240G-4ETW	APS18AFA240G-4FTW	APS18AFA240G-5ETW	APS18AFA240G-5FTW

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.***