

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:	E180620-1	Release Date:	06/19/2018
Affected Product Model	SM210-18, SS210-18		
Subject			
Releasing the latest version of firmware SFDM005A/SFDM105B			
Description of Change			
1. Modify SATA PHY Error Count in S.M.A.R.T. attribute 2. Add SATA ReK function for thermal shock. 3. Enhance flash error handling mechanism. 4. Optimize Quick Build Table (QBT) flow. 5. Fine tune TRIM flow process to avoid no free block issue after sudden power loss for corner case.			
Recommended Action			
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.			

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
<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.