Product Change Notice
(SFDN004B firmware launch – SS210-300)

Release date: May 26, 2017

Dear Valued Customers,

Apacer hereby announces the Product Change Notice of the latest version firmware on SS210-300 product, as a result of updating firmware to SFDN004B from SFDN003B to enhance power failure handling and reliability issues. No change on the hardware of SS210-300.

The details of changing description, schedule and affected part number are listed at below table:

PCN number:	E170526-01	Date:	5/26/2017
Affected Product Model	SS210-300		

Subject :

SS210-300 – firmware change

Description of Change:

1. Integrate with CoreAnalyzer SMART log function
2. Add thermal throttling function (Optional)
3. Add SMART information (ID 0xAB, 0xAC, and 0xE7)
4. Enhance idle merge mechanism
5. To avoid FW enter into LOCK mode by preventing to write system info when device is out of free block
6. Disable Auto Partial to Slumber to resolve compatibility issue on some platforms.
7. Modify SMART ID 09 "Power on hours" to fix timer count issue.
8. Modify SATA PHY Error Count in S.M.A.R.T. attribute.
9. Enhance power failure management flow.
10. Support 8K/16K mapping algorithm for high capacity.

Recommended Action :

Apacer keeps on supplying SS210-300 with SFDN003B firmware but recommends customers to qualify SS210-300 with the latest version (SFDN004B) due to better compatibility & reliability.

Description of Product Part Number Change:

The new part numbers are listed here

Operating Temperature (0℃ ~ 70℃)

Existing		New	
Without WP M/N	With WP M/N	Without WP M/N	With WP M/N
APM008GMFFN-3BT	APM008GMFQN-3BT	APM008GMFFN-4BT	APM008GMFQN-4BT
APM016GMFQN-3BT	APM016GMFQN-3BT	APM016GMFQN-4BT	APM016GMFQN-4BT
APM032GMFQN-3BTG	APM032GMFQN-3BTG	APM032GMFQN-4BTG	APM032GMFQN-4BTG
APM064GMFQN-3BTG	APM064GMFQN-3BTG	APM064GMFQN-4BTG	APM064GMFQN-4BTG
APM128GMFQN-3BTG	APM128GMFQN-3BTG	APM128GMFQN-4BTG	APM128GMFQN-4BTG

Operating Temperature (-40℃ ~ 85℃)			
Existing		New	
Without WP M/N	With WP M/N	Without WP M/N	With WP M/N
APM008GMFQN-3BTW	APM008GMFQN-3BTW	APM008GMFFN-4BTW	APM008GMFQN-4BTW
APM016GMFQN-3BTW	APM016GMFQN-3BTW	APM016GMFQN-4BTW	APM016GMFQN-4BTW
APM032GMFQN-3BTGW	APM032GMFQN-3BTGW	APM032GMFQN-4BTGW	APM032GMFQN-4BTGW
APM064GMFQN-3BTGW	APM064GMFQN-3BTGW	APM064GMFQN-4BTGW	APM064GMFQN-4BTGW
APM128GMFQN-3BTGW	APM128GMFQN-3BTGW	APM128GMFQN-4BTGW	APM128GMFQN-4BTGW
Schedule:			
Sample Available Date		6/15/2017	

Apacer will 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.

We appreciate your cooperation and thank you for your continued support of Apacer products.

Embedded Application Product Division
Apacer Technology Inc.