

Product Change Notice

(SFDN008A/8B firmware launch - SFD18S6-M)

Release date: May 18, 2017

Dear Valued Customers,

Apacer hereby announces the Product Change Notice of the latest version firmware on SFD18S6-M product, as a result of updating firmware to SFDN008A/8B from SFDN006A/6B to enhance power failure handling and reliability issues. No change on the hardware of SFD18S6-M.

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

PCN number:	E170518-01	Date:	5/18/2017
Affected Product Model	SFD18S6-M		
Subject :			
SFD18S6-M – firmware change			
Description of Change:			
<ol style="list-style-type: none"> 1. Optimize TSB 15nm ECC flow 2. Integrate with CoreAnalyzer SMART log function 3. Add thermal throttling function (Optional) 4. Add SMART information (ID 0xAB, 0xAC, and 0xE7) 5. Enhance idle merge mechanism 6. To avoid FW enter into LOCK mode by preventing to write system info when device is out of free block 7. Disable Auto Partial to Slumber to resolve compatibility issue on some platforms. 8. Modify SMART ID 09 “Power on hours” to fix timer count issue. 9. Modify SATA PHY Error Count in S.M.A.R.T. attribute. 10. Enhance power failure management flow. 11. Support 8K/16K mapping algorithm for high capacity. 			
Recommended Action :			
Apacer keeps on supplying SFD18S6-M with SFDN006A/6B firmware but recommends customers to qualify SFD18S6-M with the latest version (SFDN008A/8B) due to better compatibility & reliability.			
Description of Product Part Number Change:			
The new part numbers are listed here			
Operating Temperature (0°C ~ 70°C)			
Existing		New	
Without DEVSLP M/N	With DEVSLP M/N	Without DEVSLP M/N	With DEVSLP M/N
APS1867032G-6ATM1G	APS1867032G-6BTM1G	APS1867032G-8ATM1G	APS1867032G-8BTM1G
APS1867064G-6ATM1G	APS1867064G-6BTM1G	APS1867064G-8ATM1G	APS1867064G-8BTM1G
APS1867128G-6ATM1G	APS1867128G-6BTM1G	APS1867128G-8ATM1G	APS1867128G-8BTM1G
APS1867256G-6ATM1G	APS1867256G-6BTM1G	APS1867256G-8ATM1G	APS1867256G-8BTM1G
APS186F512G-A3TM1G	APS186F512G-B3TM1G	APS186F512G-8ATM1G	APS186F512G-8BTM1G

Operating Temperature (-40°C ~ 85°C)			
Existing		New	
Without DEVSLP M/N	With DEVSLP M/N	Without DEVSLP M/N	With DEVSLP M/N
APS1867032G-6ATM1GW	APS1867032G-6BTM1GW	APS1867032G-8ATM1GW	APS1867032G-8BTM1GW
APS1867064G-6ATM1GW	APS1867064G-6BTM1GW	APS1867064G-8ATM1GW	APS1867064G-8BTM1GW
APS1867128G-6ATM1GW	APS1867128G-6BTM1GW	APS1867128G-8ATM1GW	APS1867128G-8BTM1GW
APS1867256G-6ATM1GW	APS1867256G-6BTM1GW	APS1867256G-8ATM1GW	APS1867256G-8BTM1GW
APS186F512G-A3TM1GW	APS186F512G-B3TM1GW	APS186F512G-8ATM1GW	APS186F512G-8BTM1GW
Schedule:			
Sample Available Date			Now

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.**