

Product Change Notice (SFDM004A/B Firmware Launch-SM210-25)

Released date: March 31, 2017

Dear Valued Customers,

Apacer hereby announces the Product Change Notice of the latest version firmware on SM210-25 product, as a result of updating firmware to SFDM004A/B from SFDM003A/B to enhance power failure handling and reliability issues. No change on the hardware of SM210-25.

The details of changing description are listed at below table:

PCN number:	E170331-03	Date:	03/31/2017
Affected Product Model	SM210-25		
Subject :			
Releasing the latest version of firmware version (SFDM004A/B) & revising part number for SM210-25.			
Description of Change:			
1. Disable Auto Partial to Slumber for platform compatibility. 2. Fix later bad blocks occurs after abnormal power failure 3. Support 8K/16K mapping algorithm 4. Disable SUPPORT_SANITIZE and UART due to code size 5. Integrate with CoreAnalyzer FW 6. Add thermal throttling function 7. Adjust idle merge threshold from 1/16 to 1/64 and enhance idle merge mechanism 8. Avoid FW enter into LOCK mode by preventing to write system info when device is out of free block			
Recommended Action:			
Apacer keeps on supplying SM210-25 with SFDM003A/B firmware but recommends customers to qualify SM210-25 with the latest version (SFDM004A/B) due to better compatibility & reliability.			

Description of Product Part Number Change:

The new part numbers are listed as following.

7mm Housing

Existing		New	
Standard temperature	Extended temperature	Standard temperature	Extended temperature
APS25AF7016G-3BTMT	APS25AF7016G-3BTMWT	APS25AF7016G-4BTM1T	APS25AF7016G-4BTM1WT
APS25AF7032G-3BTMT	APS25AF7032G-3BTMWT	APS25AF7032G-4BTM1GT	APS25AF7032G-4BTM1GWT
APS25AF7064G-3BTMT	APS25AF7064G-3BTMWT	APS25AF7064G-4BTM1GT	APS25AF7064G-4BTM1GWT
APS25AF7128G-3BTMT	APS25AF7128G-3BTMWT	APS25AF7128G-4BTM1GT	APS25AF7128G-4BTM1GWT
APS25AF7256G-3BTMT	APS25AF7256G-3BTMWT	APS25AF7256G-4BTM1GT	APS25AF7256G-4BTM1GWT
APS25AF7512G-B3TMT	APS25AF7512G-B3TMWT	APS25AF7512G-4BTM1GT	APS25AF7512G-4BTM1GWT

9.5mm Housing

Existing		New	
Standard temperature	Extended temperature	Standard temperature	Extended temperature
APS25AFB016G-3BTMT	APS25AFB016G-3BTMWT	APS25AFB016G-4BTM1T	APS25AFB016G-4BTM1WT
APS25AFB032G-3BTMT	APS25AFB032G-3BTMWT	APS25AFB032G-4BTM1GT	APS25AFB032G-4BTM1GWT
APS25AFB064G-3BTMT	APS25AFB064G-3BTMWT	APS25AFB064G-4BTM1GT	APS25AFB064G-4BTM1GWT
APS25AFB128G-3BTMT	APS25AFB128G-3BTMWT	APS25AFB128G-4BTM1GT	APS25AFB128G-4BTM1GWT
APS25AFB256G-3BTMT	APS25AFB256G-3BTMWT	APS25AFB256G-4BTM1GT	APS25AFB256G-4BTM1GWT
APS25AFB512G-B3TMT	APS25AFB512G-B3TMWT	APS25AFB512G-4BTM1GT	APS25AFB512G-4BTM1GWT

Schedule:

Samples available date	4/28/2017
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If you have any questions and concerns with the content of this notice, please contact with your Apacer representatives.

Thank you for your continued support of Apacer products.

**Vertical Market Product Division
Apacer Technology Inc**