

Product Change Notice

(SM210-300/SS210-300 with the latest version firmware_ SFDM105B/SFDM005A)

Released date: July. 19, 2018

Dear Valued Customers,

Apacer hereby announces the Product Change Notice of the latest version firmware for SM210-300 and SS210-300 products, as a result of upgraded firmware to SFDM105B/SFDM005A from SFDM104B/SFDM004A.

The details of changing description are listed at below table:

PCN Number:	E180719-1	Release Date:	July.19, 2018
Affected Product Model	MO-300 SM210-300/SS210-300		
Subject			
Releasing the latest version of firmware SFDM105B/SFDM005A			
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 SM210-300 and SS210-300 with SFDM004A/SFDM104B firmware but recommends customers to qualify SM210-300 and SS210-300 with the latest version SFDM105B/SFDM005A due to better compatibility and support.			

Description of Product Part Number Change

The new part numbers are listed here

SM210-300 Default

	Existing		New	
	Standard Temperature	Extended Temperature	Standard Temperature	Extended Temperature
	With DEVSLP	With Thermal Sensor+DEVSLP	With DEVSLP	With Thermal Sensor+DEVSLP
8GB	APM008GMFAN-4BTM1	APM008GMFFN-4BTM1W	APM008GMFAN-5BTM1	APM008GMFFN-5BTM1W
16GB	APM016GMFAN-4BTM1	APM016GMFFN-4BTM1W	APM016GMFAN-5BTM1	APM016GMFFN-5BTM1W
32GB	APM032GMFAN-4BTM1	APM032GMFFN-4BTM1W	APM032GMFAN-5BTM1	APM032GMFFN-5BTM1W
64GB	APM064GMFAN-4BTM1	APM064GMFFN-4BTM1W	APM064GMFAN-5BTM1	APM064GMFFN-5BTM1W
128GB	APM128GMFAN-4BTM1G	APM128GMFFN-4BTM1GW	APM128GMFAN-5BTM1G	APM128GMFFN-5BTM1GW
256GB	APM256GMFAN-4BTM1G	APM256GMFFN-4BTM1GW	APM256GMFAN-5BTM1G	APM256GMFFN-5BTM1GW
512GB	APM512GMFAN-4BTM1G	APM512GMFFN-4BTM1GW	APM512GMFAN-5BTM1G	APM512GMFFN-5BTM1GW

SM210-300 With Write Protect (optional)

	Existing		New	
	Standard Temperature	Extended Temperature	Standard Temperature	Extended Temperature
	With DEVSLP+Write Protect	With Thermal Sensor+DEVSLP+Write Protect	With DEVSLP+Write Protect	With Thermal Sensor+DEVSLP+Write Protect
8GB	APM008GMFCN-4BTM1	APM008GMFQN-4BTM1W	APM008GMFCN-5BTM1	APM008GMFQN-5BTM1W
16GB	APM016GMFCN-4BTM1	APM016GMFQN-4BTM1W	APM016GMFCN-5BTM1	APM016GMFQN-5BTM1W
32GB	APM032GMFCN-4BTM1	APM032GMFQN-4BTM1W	APM032GMFCN-5BTM1	APM032GMFQN-5BTM1W
64GB	APM064GMFCN-4BTM1	APM064GMFQN-4BTM1W	APM064GMFCN-5BTM1	APM064GMFQN-5BTM1W
128GB	APM128GMFCN-4BTM1G	APM128GMFQN-4BTM1GW	APM128GMFCN-5BTM1G	APM128GMFQN-5BTM1GW
256GB	APM256GMFCN-4BTM1G	APM256GMFQN-4BTM1GW	APM256GMFCN-5BTM1G	APM256GMFQN-5BTM1GW
512GB	APM512GMFCN-4BTM1G	APM512GMFQN-4BTM1GW	APM512GMFCN-5BTM1G	APM512GMFQN-5BTM1GW

SM210-300 With Thermal Sensor (optional)

	Existing		New	
	Standard Temperature		Standard Temperature	
	With Thermal Sensor+DEVSLP		With Thermal Sensor+DEVSLP	
8GB	APM008GMFFN-4BTM1		APM008GMFFN-5BTM1	
16GB	APM016GMFFN-4BTM1		APM016GMFFN-5BTM1	
32GB	APM032GMFFN-4BTM1		APM032GMFFN-5BTM1	
64GB	APM064GMFFN-4BTM1		APM064GMFFN-5BTM1	
128GB	APM128GMFFN-4BTM1G		APM128GMFFN-5BTM1G	
256GB	APM256GMFFN-4BTM1G		APM256GMFFN-5BTM1G	
512GB	APM512GMFFN-4BTM1G		APM512GMFFN-5BTM1G	

SS210-300 Default

	Existing		New	
	Standard Temperature	Extended Temperature	Standard Temperature	Extended Temperature
	With Thermal Sensor+DEVSLP	With Thermal Sensor+DEVSLP	With Thermal Sensor+DEVSLP	With Thermal Sensor+DEVSLP
2GB	APM002GMFFN-4BT	APM002GMFFN-4BTW	APM002GMFFN-5BT	APM002GMFFN-5BTW
4GB	APM004GMFFN-4BT	APM004GMFFN-4BTW	APM004GMFFN-5BT	APM004GMFFN-5BTW
8GB	APM008GMFFN-4BT	APM008GMFFN-4BTW	APM008GMFFN-5BT	APM008GMFFN-5BTW
16GB	APM016GMFFN-4BT	APM016GMFFN-4BTW	APM016GMFFN-5BT	APM016GMFFN-5BTW
32GB	APM032GMFFN-4BTG	APM032GMFFN-4BTGW	APM032GMFFN-5BTG	APM032GMFFN-5BTGW
64GB	APM064GMFFN-4BTG	APM064GMFFN-4BTGW	APM064GMFFN-5BTG	APM064GMFFN-5BTGW
128GB	APM128GMFFN-4BTG	APM128GMFFN-4BTGW	APM128GMFFN-5BTG	APM128GMFFN-5BTGW

SS210-300 With Write Protect (optional)

	Existing		New	
	Standard Temperature	Extended Temperature	Standard Temperature	Extended Temperature
	With Thermal Sensor+DEVSLP	With Thermal Sensor+DEVSLP	With Thermal Sensor+DEVSLP	With Thermal Sensor+DEVSLP
2GB	APM002GMFQN-4BT	APM002GMFQN-4BTW	APM002GMFQN-5BT	APM002GMFQN-5BTW
4GB	APM004GMFQN-4BT	APM004GMFQN-4BTW	APM004GMFQN-5BT	APM004GMFQN-5BTW
8GB	APM008GMFQN-4BT	APM008GMFQN-4BTW	APM008GMFQN-5BT	APM008GMFQN-5BTW
16GB	APM016GMFQN-4BT	APM016GMFQN-4BTW	APM016GMFQN-5BT	APM016GMFQN-5BTW
32GB	APM032GMFQN-4BTG	APM032GMFQN-4BTGW	APM032GMFQN-5BTG	APM032GMFQN-5BTGW
64GB	APM064GMFQN-4BTG	APM064GMFQN-4BTGW	APM064GMFQN-5BTG	APM064GMFQN-5BTGW
128GB	APM128GMFQN-4BTG	APM128GMFQN-4BTGW	APM128GMFQN-5BTG	APM128GMFQN-5BTGW

Schedule

Sample Available Date: 2018/7/19

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.