

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:	<i>E180719-1</i>	Release Date:	<i>July.19, 2018</i>
Affected Product Model	<i>MO-300 SM210-300/SS210-300</i>		
Subject			
<i>Releasing the latest version of firmware SFDM105B/SFDM005A</i>			
Description of Change			
<ol style="list-style-type: none"> 1. <i>Modify SATA PHY Error Count in S.M.A.R.T. attribute.</i> 2. <i>Add SATA ReK function for thermal shock.</i> 3. <i>Enhance flash error handling mechanism.</i> 4. <i>Optimize Quick Build Table (QBT) flow.</i> 5. <i>Fine tune TRIM flow process to avoid no free block issue after sudden power loss for corner case.</i> 			
Recommended Action			
<i>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.</i>			

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.**