

Product Change Notification

Firmware Version Update for SH250-M280 BiCS5 Products

Release date: November 30, 2025

Dear Valued Customer,

Thank you for your continued support of Apacer products. This Product Change Notification (PCN) is to inform you of a firmware version update for SH250-M280 BiCS5 products. Details of the change are provided in the table below. Apacer will provide all necessary support to ensure a smooth and seamless transition. If you have any questions or concerns regarding this notification, please contact your Apacer sales representative.

PCN Number	E251130-03	Release Date	November 30, 2025
Affected Product Model	SH250-M280 BiCS5 products		
Action Levels	<input type="checkbox"/> Critical: Immediate change required <input type="checkbox"/> Warning: Change as soon as possible <input checked="" type="checkbox"/> Recommended: Optional, but suggested <input type="checkbox"/> Informational: No immediate action required		
Subject of Change			
Firmware Version Update for SH250-M280 BiCS5 products			
Description of Change			
<p>Apacer has updated the firmware version from SFML8010/SFML8110 to SFML8020/SFML8120, respectively, with the following changes:</p> <ol style="list-style-type: none"> Fixed firmware SN data size, location and address. Improved system blocks wear leveling mechanism. Fine-tuned idle GC mechanism. Fine-tuned table flush threshold to resolve the "No Free Block" issue. Fine-tuned code refresh threshold. Fine-tuned read-retry mechanism. Improved PBT head refresh process during SPOR. Fixed "No Free Block" issue resulting in WP errors. Optimized error handling flow to prevent SATA errors during SPOR. Optimized Smart Read Refresh. 			
Recommended Action			
Apacer will continue to supply SH250-M280 BiCS5 products with the existing firmware. However, we recommend qualifying these products with the latest version for improved compatibility and support.			

Affected Part Numbers

Current P/N			New P/N		
Capacity	Standard Temp	Wide Temp	Capacity	Standard Temp	Wide Temp
40GB	A52.259HYA.003F8	A52.259HZA.003F8	40GB	A52.259HYA.003BH	A52.259HZA.003BH
80GB	A52.259JYA.003F8	A52.259JZA.003F8	80GB	A52.259JYA.003BH	A52.259JZA.003BH
160GB	A52.259KYA.003F8	A52.259KZA.003F8	160GB	A52.259KYA.003BH	A52.259KZA.003BH
320GB	A52.259LYB.003F8	A52.259LZB.003F8	320GB	A52.259LYB.003BH	A52.259LZB.003BH
640GB	A52.259MYB.001F8	A52.259MZB.001F8	320GB	A52.259MYB.001BH	A52.259MZB.001BH

Schedule

Sample available date: Ready

Product Center

Apacer Technology Inc.