



# Product Change Notification

## Update Firmware Version for PV210-M280 BiCS3 Products

Release date: December 31, 2024

Dear Valued Customers,

Thank you for your business and continued support for Apacer products. This PCN is being issued to inform you of a firmware version change for PV210-M280 BiCS3 products. Details of the change are provided in the table below. Apacer will provide all necessary support to ensure a seamless transition. If you have any questions or concerns regarding the content of this notification, please contact Apacer sales representatives.

PCN Number	E20241231-5	Release Date	December 31, 2024	
Action Levels	<div><input checked="" type="checkbox"/> Critical: Immediate change required</div> <div><input type="checkbox"/> Warning: Change as soon as possible</div> <div><input type="checkbox"/> Recommended: Optional, but suggested</div> <div><input type="checkbox"/> Informational: No immediate action required</div>			
Affected Product Model	PV210-M280 BiCS3 products			
Subject of Change				
Update the firmware version for PV210-M280 BiCS3 products				
Description of Change				
Apacer has updated the firmware version to PNMB005A/PNMB005B with the following changes: <div><div>1. Resolved the LAA overflow issue.</div><div>2. Corrected the head page search behavior after SPOR to address the read UNC issue.</div><div>3. Fine-tuned the SMART Read Refresh settings.</div><div>4. Optimized the mapping table building process during SPOR.</div><div>5. Adjusted the lane flip function to enhance compatibility.</div></div>				
Recommended Action				
Apacer will continue supplying PV210-M280 BiCS3 products with the existing firmware. However, we recommend qualifying these products with the latest version for improved compatibility and support.				
Affected Part Numbers				
Without TCG Opal				
	Existing		New	
	Standard Temperature	Wide Temperature	Standard Temperature	Wide Temperature
240GB	B92.935JGU.00317	B92.935JHU.00317	B92.935JGU.00323	B92.935JHU.00323
480GB	B92.935KGU.00417	B92.935KHU.00417	B92.935KGU.00423	B92.935KHU.00423
960GB	B92.935LGU.00417	B92.935LHU.00417	B92.935LGU.00423	B92.935LHU.00423

**With TCG Opal**

	Existing		New	
	Standard Temperature	Wide Temperature	Standard Temperature	Wide Temperature
240GB	B92.A35JGU.00218	B92.A35JHU.00218	B92.A35JGU.00224	B92.A35JHU.00224
480GB	B92.A35KGU.00418	B92.A35KHU.00418	B92.A35KGU.00424	B92.A35KHU.00424
960GB	B92.A35LGU.00418	B92.A35LHU.00418	B92.A35LGU.00424	B92.A35LHU.00424

**Schedule**

Sample available date: Ready

Product Center  
Apacer Technology Inc.