

## Product Change Notice

(NAND Flash Transition from KIOXIA BiCS3 to KIOXIA BiCS5: PV210-M280 TCG Opal series)

**Release date: Oct. 31, 2022**

Dear Valued Customers,

Apacer hereby announces the product change notice of PV210-M280 series with NAND flash transition from Kioxia BiCS3 to Kioxia BiCS5, also releasing the latest version firmware of PNMB202B for PV220-M280 BiCS5 standard temperature products. Details of changing description are listed below

<b>PCN Number:</b>	E221031-9	<b>Release Date:</b>	Oct. 31, 2022
<b>Affected Product Model</b>	PV210-M280 TCG Opal series		
Subject			
<ol style="list-style-type: none"> <li>1. Firmware revision (PNMB202B) on PV210-M280 (BiCS5) standard temp.</li> <li>2. NAND flash transition from Kioxia BiCS3 to Kioxia BiCS5 on PV210-M280 wide temp.</li> <li>3. Firmware version is now synchronized to PNMB202B for both standard / wide temp.</li> </ol>			
Description of Change			
<ol style="list-style-type: none"> <li>1. Optimize compliance of power on sequence on specific platform (no PERST).</li> <li>2. Fine tune SMART attributes. <ul style="list-style-type: none"> <li>- Disable PHY error count</li> <li>- Fix read retry count would not be kept after power cycle</li> </ul> </li> </ol>			
Recommended Action			
Current BiCS3 solution will remain available, but to ensure future supply continuity, Apacer recommends to qualify PV210-M280 with KIOXIA BiCS5 NAND flash for following affected part numbers:			
Description of Product Part Number Change			

The new part numbers are listed below:

1. Firmware version changes from PNMB201B to PNMB202B for Kioxia BiCS5 standard temperature products:

	Affected P/N (BiCS5)	New P/N (BiCS5)
Capacity	Standard Temperature	Standard Temperature
480GB	B92.A35KGU.00209	B92.A35KGU.00212
960GB	B92.A35LGU.00209	B92.A35LGU.00212
1920GB	B92.A35MGU.00209	B92.A35MGU.00212

2. NAND flash transition for wide temperature products:

	Affected P/N (BiCS3)	New P/N (BiCS5)
Capacity	Wide Temperature	Wide Temperature
480GB	B92.A35KHU.00105	B92.A35KHU.00212
960GB	B92.A35LHU.00105	B92.A35LHU.00212
1920GB	B92.A35MHU.00105	B92.A35MHU.00212

## Schedule

*Sample Available Date: 2022/10/31*

Apacer will provide every necessary support to ensure a smooth transition. If you have any questions or concerns with the content of this notice, please contact Apacer sales representatives.

**Product Center**  
**Apacer Technology Inc.**