

Product Change Notice

(NAND Flash Transition from KIOXIA BiCS3 to KIOXIA BiCS5: PV220-M280)

Release date: Sep. 30, 2022

Dear Valued Customers,

Apacer hereby announces the product change notice of PV220-M280 series with NAND flash transition from Kioxia BiCS3 to Kioxia BiCS5, also releasing the latest version firmware of PNMA402A for PV220-M280 BiCS5 standard temperature products. Details of changing description are listed below

PCN Number:	<i>E220930-01</i>	Release Date:	<i>Sep. 30, 2022</i>
Affected Product Model	<i>PV220-M280</i>		
Subject			
<ol style="list-style-type: none"> 1. <i>Firmware revision (PNMA402A) on PV220-M280 (BiCS5) standard temp.</i> 2. <i>NAND flash transition from Kioxia BiCS3 to Kioxia BiCS5 on PV220-M280 wide temp.</i> 3. <i>Firmware version is now synchronized to PNMA402A for both standard / wide temp.</i> 			
Description of Change			
<ol style="list-style-type: none"> 1. Optimize compliance of power on sequence on specific platform (no PERST). 2. Fine tune SMART attributes. <ul style="list-style-type: none"> - Disable PHY error count - Fix read retry count would not be kept after power cycle 			
Recommended Action			
<p><i>To ensure future supply continuity, Apacer recommends to qualify PV220-M280 with KIOXIA BiCS5 NAND flash for following affected part numbers:</i></p>			

Description of Product Part Number Change

The new part numbers are listed below:

1. Firmware version changes from PNMA401A to PNMA402A for Kioxia BiCS5 standard temperature products:

	Affected P/N (BiCS5)	New P/N (BiCS5)
Capacity	Standard Temperature	Standard Temperature
240GB	B92.225JGV.00117	B92.225JGV.00122
480GB	B92.225KGU.00317	B92.225KGU.00322
960GB	B92.225LGU.00317	B92.225LGU.00322
1920GB	B92.225MGU.00317	B92.225MGU.00322

2. NAND flash transition for wide temperature products:

	Affected P/N (BiCS3)	New P/N (BiCS5)
Capacity	Wide Temperature	Wide Temperature
240GB	B92.225JHU.00105	B92.225JHV.00122
480GB	B92.225KHU.00105	B92.225KHU.00522
960GB	B92.225LHU.00105	B92.225LHU.00622
1920GB	B92.225MHU.00105	B92.225MHU.00522

Schedule

Sample Available Date: 2022/09/30

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.**