

Product Change Notification (PCN)

Title	DDR4 PCB product change notice	Date	2024/Jun/05	No.	D240517
Models	DDR4 DRAM Modules				
Level	Major	Change Type	Hardware - PCB		

Description

Key Characteristics of the Change:

In response to Samsung DDR4 1xnm IC to 1znm IC product change notice [**PCN_D240516**], we hereby announces a product change for the DDR4 PCB.

Please note that this notice applies only to the **module PNs** for which **both IC and PCB are being replaced** simultaneously.

Affected PCB and IC Part Number Reference Table:

Non-fix die module PN may also be affected.

DIMM Type	Old PN		New PN	
ECC VLP UDIMM	PCB	B84VU8G2 1.00 (HF-FC-30u"-G-BE-NV) (Innodisk: 4M4CR8F8T8A10)	PCB	B84VU8B2 HF 1.20 (Innodisk: 4M4CQ8F8T1A11)
	Samsung IC	DDR4 2666 2Gx8 A-die (K4AAG085WA-BCTD)	Samsung IC	DDR4 3200 2Gx8 C-die (K4AAG085WC-BCWE)
SODIMM	PCB	B84SRCA1 HF 2.00 (Innodisk:4M4SQ8B8N1A10)	PCB	B84SRCA2 3.00(HF-3U"-G) (Innodisk:4M4SI8B8N1A10)
	Samsung IC	DDR4 2666 512x8 F-die (K4A4G085WF-BCTD)	Samsung IC	DDR4 3200 512x8 G-die (K4A4G085WG-BCWE)
		DDR4 2666 1Gx8 C-die (K4A8G085WC-BCTD)		DDR4 3200 1Gx8 G-die (K4A8G085WG-BCWE)
SODIMM	PCB	B84SRCA1 HF 2.00 30u" (R) (Innodisk: 4M4SQ8B8N2A10)	PCB	B84SRCA2 3.00(HF-FC-30u"-R-NV) (Innodisk: 4M4SE8B8N2A10)
	Samsung IC	DDR4 2666 512x8 F-die (K4A4G085WF-BCTD)	Samsung IC	DDR4 3200 512x8 G-die (K4A4G085WG-BCWE)
		DDR4 2666 1Gx8 C-die (K4A8G085WC-BCTD)		DDR4 3200 1Gx8 G-die (K4A8G085WG-BCWE)
SODIMM	PCB	B84SRCA1 HF 2.00(BE) (Innodisk: 4M4SQ8B8N6A10)	PCB	B84SRCA2 3.00 (HF-3u"-FC-G-BE) (Innodisk: 4M4SE8B8N6A10)
	Samsung IC	DDR4 2666 512x8 F-die (K4A4G085WF-BCTD)	Samsung IC	DDR4 3200 512x8 G-die (K4A4G085WG-BCWE)
		DDR4 2666 1Gx8 C-die (K4A8G085WC-BCTD)		DDR4 3200 1Gx8 G-die (K4A8G085WG-BCWE)
VLP RDIMM	PCB	BA4VR8H2 1.00 (HF-FC-G-BE) (Innodisk: 4M4RI8FAD6A10)	PCB	BA4VR8H2 2.01 (HF-FC-G-BE) (Innodisk: 4M4RE8FAD6A11)
	Samsung IC	DDR4 3200 1Gx8 C-die (K4A8G085WC-BCWE)	Samsung IC	DDR4 3200 1Gx8 G-die (K4A8G085WG-BCWE)
		DDR4 2666 2Gx8 A-die (K4AAG085WA-BCTD)		DDR4 3200 2Gx8 C-die (K4AAG085WC-BCWE)
VLP RDIMM	PCB	B84VRRCH1 0.50 (HF-FC-BE) (Innodisk: 4M4RR8F8D6A10)	PCB	BA4VR8H2 2.01 (HF-FC-G-BE) (Innodisk: 4M4RE8FAD6A11)
	Samsung IC	DDR4 2666 512x8 F-die (K4A4G085WF-BCTD)	Samsung IC	DDR4 3200 512x8 G-die (K4A4G085WG-BCWE)
		DDR4 2666 1Gx8 C-die (K4A8G085WC-BCTD)		DDR4 3200 1Gx8 G-die (K4A8G085WG-BCWE)
		DDR4 2666 512x8 F-die WT (K4A4G085WF-BITD)		DDR4 3200 512x8 G-die WT (K4A4G085WG-BIWE)
		DDR4 2666 1Gx8 C-die WT (K4A8G085WC-BITD)		DDR4 3200 1Gx8 G-die WT (K4A8G085WG-BIWE)
UDIMM	PCB	B84URCF HF 1.00 (Innodisk: 4M4UIAB821A10)	PCB	B84U616 HF 1.00 (Innodisk: 4M4UEAB821A10)
	Samsung IC	DDR4 2666 256x16 F-die (K4A4G165WF-BCTD)	Samsung IC	DDR4 3200 256x16 G-die (K4A4G165WG-BCWE)

		DDR4 2666 512x16 C-die (K4A8G165WC-BCTD)		DDR4 3200 512x16 G-die (K4A8G165WG-BCWE)	
		DDR4 3200 512x16 C-die (K4A8G165WC-BCWE)			

Affected Component Table	
Current Part Number	New Part Number
M4CI-BGS2T50K-A%	M4CE-BGS2T50K-C
M4CI-BGS2TC0K-A%	M4CE-BGS2TC0K-C
M4SI-4GSSN50K-F%	M4SE-4GSSN5IK-G
M4SI-4GSSNC0K-F%	M4SE-4GSSNCIK-G
M4SI-4GSSN5RG-F%	M4SE-4GSSN5RG-G
M4SI-4GSSN5SJ-F%	M4SE-4GSSN5SJ-G
M4SI-4GSSNCRG-F%	M4SE-4GSSNCRG-G
M4SI-4GSSNCSJ-F%	M4SE-4GSSNCSJ-G
M4SI-8GS1N50K-C%	M4SE-8GS1N51K-G
M4SI-8GS1N5RG-C%	M4SE-8GS1N5RG-G
M4SI-8GS1N5SJ-C%	M4SE-8GS1N5SJ-G
M4SI-8GS1NC0K-C%	M4SE-8GS1NC0K-G
M4SI-8GS1NCRG-C%	M4SE-8GS1NCRG-G
M4SI-8GS1NCSJ-C%	M4SE-8GS1NCSJ-G
M4SI-8GS1NISJ-C%	M4SE-8GS1NISJ-G
M4SI-4GSSN10K-F%	M4SE-4GSSN1IK-G
M4SI-4GSSN50K-F%	M4SE-4GSSN5IK-G
M4SI-4GSSN5RG-F%	M4SE-4GSSN5RG-G
M4SI-4GSSN5SJ-F%	M4SE-4GSSN5SJ-G
M4SI-4GSSNG0K-F%	M4SE-4GSSNGIK-G
M4SI-4GSSNGRG-F%	M4SE-4GSSNGRG-G
M4SI-4GSSNGSJ-F%	M4SE-4GSSNGSJ-G
M4SI-4GSSNI0K-F%	M4SE-4GSSNI0K-G
M4SI-4GSSNIRG-F%	M4SE-4GSSNIRG-G
M4SI-4GSSNISJ-F%	M4SE-4GSSNISJ-G
M4SI-8GS1N10K-C%	M4SE-8GS1N1IK-G
M4SI-8GS1N50K-C%	M4SE-8GS1N5IK-G
M4SI-8GS1N5RG-C%	M4SE-8GS1N5RG-G
M4SI-8GS1N5SJ-C%	M4SE-8GS1N5SJ-G
M4SI-8GS1NG0K-C%	M4SE-8GS1NGIK-G
M4SI-8GS1NGRG-C%	M4SE-8GS1NGRG-G
M4SI-8GS1NI0K-C%	M4SE-8GS1NIIK-G
M4SI-8GS1NIRG-C%	M4SE-8GS1NIRG-G
M4SI-8GS1NISJ-C%	M4SE-8GS1NISJ-G
M4SI-4GSSNCRG-F%	M4SE-4GSSNCRG-G
M4SI-8GS1NCRG-C%	M4SE-8GS1NCRG-G
M4RE-AGS1DC0M-C%	M4RE-AGS1DC0M-G
M4RE-AGS1DC0M-C%	M4RE-AGS1DC0M-G
M4RE-AGS1DCIK-C%	M4RE-AGS1DCIK-G
M4RE-AGS1DCUN-C%	M4RE-AGS1DCUN-G
M4RI-BGS2DC0K-A%	M4RE-BGS2DCIK-C
M4RI-BGS2D50K-A%	M4RE-BGS2D5IK-C
M4RI-BGS2D50K-A%	M4RE-BGS2D5IK-C

Affected Component Table	
Current Part Number	New Part Number
M4RI-BGS2DCSJ-A%	M4RE-BGS2DCSJ-C
M4RI-8GSSD50K-F%	M4RE-8GSSD5IK-G
M4RI-8GSSD50K-F%	M4RE-8GSSD5IK-G
M4RI-8GSSDC0K-F%	M4RE-8GSSDCIK-G
M4RI-8GSSDC0K-F%	M4RE-8GSSDCIK-G
M4RI-8GSSDC0K-F%	M4RE-8GSSDCIK-G
M4RI-8GSSDCRG-F%	M4RE-8GSSDCRG-G
M4RI-8GSSDCRG-F%	M4RE-8GSSDCRG-G
M4RI-8GSSDCSJ-F%	M4RE-8GSSDCSJ-G
M4RI-8GSSDCSJ-F%	M4RE-8GSSDCSJ-G
M4RI-8GSSDCSJ-F%	M4RE-8GSSDCSJ-G
M4RI-8GSSDW0K-F%	M4RE-8GSSDWIK-G
M4RI-AGS1D50K-C%	M4RE-AGS1D5IK-G
M4RI-AGS1D5SJ-C%	M4RE-AGS1D5SJ-G
M4RI-AGS1DC0K-C%	M4RE-AGS1DCIK-G
M4RI-AGS1DCRG-C%	M4RE-AGS1DCRG-G
M4RI-AGS1DCSJ-C%	M4RE-AGS1DCSJ-G
M4RI-AGS1DW0K-C%	M4RE-AGS1DWIK-G
M4UE-8GSX2CUN-C%	M4UE-8GSX2CUN-G
M4UE-8GSX2CUN-C%	M4UE-8GSX2CUN-G
M4UI-4GSV2C0K-F%	M4UE-4GSV2CIK-G
M4UI-4GSV2C0K-F%	M4UE-4GSV2CIK-G
M4UI-4GSV2CRG-F%	M4UE-4GSV2CRG-G
M4UI-4GSV2CSJ-F%	M4UE-4GSV2CSJ-G
M4UI-4GSV2CSJ-F%	M4UE-4GSV2CSJ-G
M4UI-8GSX2C0K-C%	M4UE-8GSX2CIK-G
M4UI-8GSX2CRG-C%	M4UE-8GSX2CRG-G
M4UI-8GSX2CSJ-C%	M4UE-8GSX2CSJ-G

Note
(1) For the availability of the replacement samples, please talk to the local salesperson and PM. (2) No response from customers will be deemed as acceptance of the change, which will be implemented according to the key milestones. Innodisk apologizes for any inconvenience caused by this and appreciates your understanding. (3) Innodisk promises that new items deliver quality and reliability, and are JEDEC compliant. If there is any further inquiry about our products or product specifications, please contact your Innodisk salesperson for support. (4) Innodisk reserves the right to process the product change if the PN is not listed. (5) The wild cards are represented here by percentage (%).

Key Milestone Dates	
Last Purchase Date	2025/Jun/30
Last Shipment Date	2025/Sep/30
*Implement from: based on business and operational conditions	

Customer Impact of Change and Recommended Action
Innodisk are committed to ensuring the highest quality and reliability in our products. We will support you in making this transition smoothly to ensure a seamless process. Please contact Innodisk sales if you have any inquiries.

Director, SYLVIA CHENG
Embedded DRAM Div.



