

DDR2 Registered DIMMs Evaluated with the AMD Opteron™ Socket F (1207) Processor

Introduction

This list contains DDR2 registered DIMMs that have been evaluated by AMD and have shown reliable operation on the AMD internal reference platform. Testing included functional testing using frequency and V_{REF} margining.

AMD makes no representations or warranties with respect to any information provided in this document relating to the products of other companies, and expressly disclaims any implied warranties of merchantability, fitness for a particular purpose, or non-infringement with respect to such products. Furthermore, the inclusion of such information does not constitute an endorsement by AMD of the product. AMD also does not make any claim of availability of listed DIMMs from their respective suppliers.

DDR2 Registered DIMMs

Supplier	DIMM Speed	DIMM Size	DIMM Config	DIMM P/N
Apacer	667	1GB	2Rx8	78.01G98.402
ATP	667	1GB	2Rx8	AH28K72L8BHE6SG
Elpida	400	512MB	1Rx8	EBE51RD8AEFA-4A-E
		533	512MB	1Rx8
	1GB		1Rx4	EBE10RD4AEFA-5C-E
	667	512MB	1Rx8	EBE51RD8AGFA-6E-E
				EBE51AD8AGFA-6E-E
		1GB	1Rx4	EBE10RD4AEFA-6E-E
				EBE10AD4AGFA-6E-E
				2GB
4GB	2Rx4	EBE41AE4ABHA-6E-E		
Hynix	400	512MB	1Rx8	HYMP564R72BP8-E3
				HYMP564R72CP8-E3
		1GB	1Rx4	HYMP512R72BP4-E3
				HYMP512R72CP4-E3
		2GB	2Rx4	HYMP525R72BP4-E3
			1Rx4	HYMP125R72AP4-E3
	4GB	2Rx4	HYMP351R72MP4-E3	
			HYMP351R72AMP4-E3	
	667	512MB	1Rx8	HYMP564R72AP8-Y5
				HYMP564P72BP8-Y5
				HYMP564P72CP8-Y5
		1GB	2Rx8	HYMP512R72AP8-Y5
			1Rx4	HYMP512P72BP4-Y5
		2GB	2Rx4	HYMP525P72BP4-Y5
			1Rx4	HYMP125P72AP4-Y5
4GB	2Rx4	HYMP351P72AMP4-Y5		
Kingston	533	512MB	1Rx4	KVR533D2S8R4/512
		1GB	2Rx8	KVR533D2D8R4/1G
	667	512MB	1Rx8	KVR667D2R5/512
		1GB	2Rx8	KVR667D2R5/1G
Micron	400	2GB	2Rx4	MT36HTF25672Y-40EB1
	533	512MB	1Rx8	MT9HTF6472PY-53ED2
			1GB	1Rx4
		2GB	2Rx4	MT36HTF25672Y-53EB1
			2Rx8	MT18HTF25672DY-53EA1
	667	512MB	1Rx8	MT9HTF6472PY-667B1
				MT9HTF6472PY-667D2
		1GB	1Rx4	MT18HTF12872PY-667B1
				MT18HTF12872PY-667D2
			2Rx8	MT18HTF12872PDY-667D2
		2GB	1Rx8	MT9HTF12872PY-667E1
			2Rx4	MT36HTF25672PY-667D1
			1Rx4	MT18HTF25672PY-667E1
	4GB	2Rx4	MT36HTF51272PY-667E1	
Mushkin	533	1GB	2Rx8	991347

DDR2 Registered DIMMs (continued)

Supplier	DIMM Speed	DIMM Size	DIMM Config	DIMM P/N
Nanya	400	512MB	1Rx8	NT512T72U89A0FU-5A
		2GB	2Rx4	NT2GT72U4NA0BV-5A
	533	512MB	1Rx8	NT512T72U89A0BV-37B
		1GB	1Rx4	NT1GT72U4PA0BV-37B
	667	512MB	1Rx8	NT512T72U89A0BV-3C
				NT512T72U89B0BV-3C
		1GB	1Rx4	NT1GT72U4PA0BV-3C
				NT1GT72U4PB0BV-3C
		2GB	2Rx4	NT2GT72U4NA2BV-3C
				NT2GT72U4NB0BV-3C
1Rx4	NT2GT72U4PB0JV-3C			
Netlist	400	4GB	4Rx4	NHD517R21206F-D32KIA
ProMOS	667	1GB	1Rx4	V917565N24QBFW-F5
			2Rx8	V917565U24QBFW-F5
Qimonda (Infineon)	533	512MB	1Rx8	HYS72T64000HP-3.7-A
		1GB	1Rx4	HYS72T128000HP-3.7-A
		2GB	2Rx4	HYS72T256220HR-3.7-A
				HYS72T256322HP-3.7-A
		2GB	1Rx4	HYS72T256000HR-3.7-A
		4GB	2Rx4	HYS72T512022HR-3.7-A
			HYS72T512022HP-3.7-A	
	667	512MB	1Rx8	HYS72T64000HP-3-B
				HYS72T64000HP-3S-B
		1GB	1Rx4	HYS72T128000HR-3S-A
				HYS72T128000HP-3S-A
				HYS72T128000HP-3-B
				HYS72T128300HP-3S-A
				HYS72T128020HP-3S-A
				HYS72T128020HP-3-B
		2GB	2Rx4	HYS72T128320HP-3S-A
				HYS72T256220HP-3S-A
				HYS72T256322HP-3S-A
HYS72T256220HP-3-B				
		HYS72T256220HP-3S-B		

DDR2 Registered DIMMs (continued)

Supplier	DIMM Speed	DIMM Size	DIMM Config	DIMM P/N	
Samsung	533	512MB	1Rx8	M393T6553CZ3-CD5	
			1Rx4	M393T2950CZA-CD5	
		1GB	2Rx8	M393T2953CZA-CD5	
			1Rx8	M393T2863AZA-CD5	
			2Rx4	M393T5750CZ3-CD5	
		2GB	1Rx4	M393T5660AZ3-CD5	
			2Rx8	M393T5663AZA-CD5	
			2Rx4	M393T5168AZ0-CD5	
		667	512MB	1Rx8	M393T6553CZA-CE6
					M393T6553EZA-CE6
	1GB		1Rx4	M393T2950CZA-CE6	
				M393T2950EZA-CE6	
			2Rx8	M393T2953CZA-CE6	
	2GB		2Rx4	M393T5750CZA-CE6	
				M393T5750EZA-CE6	
			1Rx4	M393T5660AZA-CE6	
			2Rx8	M393T5663AZA-CE6	
			2Rx4	M393T5166AZA-CE6	
	4GB	2Rx4	M393T5166AZA-CE6		
	SMART	533	2GB	4Rx8	SG572568FG8E0DG

© 2007 Advanced Micro Devices, Inc. All rights reserved.

The contents of this document are provided in connection with Advanced Micro Devices, Inc. ("AMD") products. AMD makes no representations or warranties with respect to the accuracy or completeness of the contents of this publication and reserves the right to make changes to specifications and product descriptions at any time without notice. No license, whether express, implied, arising by estoppel, or otherwise, to any intellectual property rights are granted by this publication. Except as set forth in AMD's Standard Terms and Conditions of Sale, AMD assumes no liability whatsoever, and disclaims any express or implied warranty, relating to its products including, but not limited to, the implied warranty of merchantability, fitness for a particular purpose, or infringement of any intellectual property right. AMD's products are not designed, intended, authorized or warranted for use as components in systems intended for surgical implant into the body, or in other applications intended to support or sustain life, or in any other application in which the failure of AMD's product could create a situation where personal injury, death, or severe property or environmental damage may occur. AMD reserves the right to discontinue or make changes to its products at any time without notice.

Trademarks

AMD, the AMD Arrow logo, AMD Athlon, AMD Opteron, and combinations thereof and 3DNow! are trademarks of Advanced Micro Devices, Inc.