

DDR2 Registered DIMMs Evaluated with the Third-Generation 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 with the Third-Generation AMD Opteron™ Processor. Testing included functional testing using frequency and V_{REF} margining, as well as functional corner testing over temperature and V_{DD} .

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.

DDR2-667 Registered DIMMs

Supplier	DIMM Size	DIMM Config	DRAM Config	DIMM P/N
Elpida	512MB	1Rx8	64Mx8	EBE51AD8AGFA-6E-E
	2GB	2Rx4	128Mx4	EBE21AD4AGFB-6E-E
Hynix	512MB	1Rx8	64Mx8	HYMP564P72BP8-Y5
				HYMP564P72CP8-Y5
	1GB	1Rx4	128Mx4	HYMP512P72BP4-Y5
				HYMP512P72CP4-Y5
	2GB	1Rx8	128Mx8	HYMP112P72CP8-Y5
		2Rx4	128Mx4	HYMP525P72CP4-Y5
	4GB	1Rx4	256Mx4	HYMP125P72CP4-Y5
		2Rx4	256Mx4	HYMP351P72AMP4-Y5
			HYMP151P72CP4-Y5	
Legacy	4GB	2Rx4	256Mx4	M547RAE20LA-30R
Micron	512MB	1Rx8	64Mx8	MT9HTF6472PY-667D2
		2Rx8	64Mx8	MT18HTF12872PDY-667D2
	1GB	1Rx8	128Mx8	MT9HTF12872PY-667E1
		1Rx4	128Mx4	MT18HTF12872PY-667D2
	2GB	2Rx4	128Mx4	MT36HTF25672PY-667D1
		1Rx4	256Mx4	MT18HTF25672PY-667E1
	MT18HTF25672PY-667E2			
	4GB	2Rx4	256Mx4	MT36HTS51272PY-667A1
				MT36HTS51272PY-667AZES
				MT36HTF51272PY-667E1
8GB	2Rx4	512Mx4	MT36HTS1G72PY-667A1	
Nanya	512MB	1Rx8	64Mx8	NT512T72U89B0BV-3C
				NT512T72U89A0BV-3C
	1GB	1Rx4	128Mx4	NT1GT72U4PB0BV-3C
				NT1GT72U4PA0BV-3C
	2GB	2Rx4	128Mx4	NT2GT72U4NB0BV-3C
		1Rx4	256Mx4	NT2GT72U4PB0JV-3C
	4GB	2Rx4	256Mx4	NT4GTT72U4PB0UV-3C
Qimonda	512MB	1Rx8	64Mx8	HYS72T64000HP-3S-B
				HYS52T64000HP-3-B
				HYS72T64000HP-3S-A
				HYS72T64000HR-3S-B
	1GB	2Rx8	64Mx8	HYS72T128020HP-3-B
				HYS72T128000HP-3-B
		1Rx4	128Mx4	HYS72T128000EP-3S-B2
				HYS72T128020EP-3S-B2
	2GB	1Rx4	256Mx4	HYS72T256000EP-3S-C2
		2Rx4	128Mx4	HYS72T256220EP-3S-B2
	HYS72T256220HP-3S-B			
	4GB	2Rx4	256Mx4	HYS72T512220EP-3S-C2
HYS72T512022EP-3S-B				

DDR2-667 Registered DIMMs (con't)

Supplier	DIMM Size	DIMM Config	DRAM Config	DIMM P/N	
Samsung	512MB	1Rx8	64Mx8	M393T6553EZA-CE6	
				M393T6553CZA-CE6	
	1GB	1Rx8	2Rx8	64Mx8	M393T2953EZA-CE6
			1Rx4	128Mx4	M393T2950CZA-CE6
			1Rx4	128Mx4	M393T2950EZA-CE6
			1Rx4	128Mx8	M393T2863QZA-CE6
			1Rx4	128Mx4	M393T2950GZA-CE6
			2Rx8	64Mx8	M393T2953GZA-CE6
	2GB	1Rx4	2Rx4	128Mx4	M393T5750CZA-CE6
			2Rx4	128Mx4	M393T5750EZA-CE6
			1Rx4	256Mx4	M393T5660AZA-CE6
			2Rx8	128Mx8	M393T5663QZA-CE6
			1Rx4	256Mx4	M393T5660QZA-CE6
	4GB	2Rx4	128Mx4	256Mx4	M393T5750GZA-CE6
				256Mx4	M393T5160CZA-CE6
	8GB	2Rx4	512Mx4	256Mx4	M393T5160QZA-CE6
				512Mx4	M393T1K66AZA-CE6
SMART	1GB	1Rx4	128Mx4	SG572284FG8E0IL	
	4GB	2Rx4	256Mx4	SG572124FG8P6IL	

© 2008 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.