

# 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  $V_{DD}$ .

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## 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	2Rx4	256Mx4	HYMP125P72CP4-Y5	
				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	
	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	
		1Rx4	128Mx4	HYS72T128000HP-3-B	
2GB		2Rx4	128Mx4	HYS72T128000EP-3S-B2	
				HYS72T256220HP-3S-B	
4GB	2Rx4	256Mx4	HYS72T512022EP-3S-B		
Samsung	512MB	1Rx8	64Mx8	M393T6553EZA-CE6	
				M393T6553CZA-CE6	
	1GB	2Rx8	64Mx8	M393T2953EZA-CE6	
		1Rx4	128Mx4	M393T2950CZA-CE6	
	2GB	2Rx4	128Mx4	M393T2950EZA-CE6	
				M393T5750CZA-CE6	
	4GB	2Rx4	1Rx4	256Mx4	M393T5660AZA-CE6
			2Rx4	256Mx4	M393T5160CZA-CE6
8GB	2Rx4	512Mx4	M393T1K66AZA-CE6		
SMART	1GB	1Rx4	128Mx4	SG572284FG8E0IL	
	4GB	2Rx4	256Mx4	SG572124FG8P6IL	

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