

# DDR2 Registered DIMMs

## Evaluated with the Third-Generation Six-Core 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 Six-Core 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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### DDR2-800 Registered DIMMs

Supplier	DIMM Size	DIMM Config	DRAM Config	DIMM P/N
Elpida	1GB	1Rx8	128Mx8	EBE10AE8ACFA-8E-E
	2GB	1Rx4	256Mx4	EBE20AE4ACFA-8E-E
	4GB	2Rx4	256Mx4	EBE41AE4ACFA-8E-E
Hynix	1GB	1Rx8	128Mx8	HYMP112P72CP8-S5
		1Rx4	256Mx4	HYMP125P72CP4-S5
	2GB	2Rx8	128Mx8	HYMP125P72CP8-S6
		2Rx4	256Mx4	HYMP151P72CP4-S6
	4GB	2Rx4	256Mx4	HYMP151P72CP4-S5
Micron	1GB	1Rx8	128Mx8	MT9HTF12872PY-80EE 1
	2GB	1Rx4	256Mx4	MT18HTF25672PY-80EE 1
	4GB	2Rx4	256Mx4	MT36HTF51272PY-80EG1
				MT36HTF51272PY-80EE 1
Samsung	1GB	1Rx8	128Mx8	M393T2863QZA-CE7
	2GB	1Rx4	256Mx4	M393T5660QZA-CE7
	4GB	2Rx4	256Mx4	M393T5160QZA-CE7

**DDR2-667 Registered DIMMs**

Supplier	DIMM Size	DIMM Config	DRAM Config	DIMM P/N
Elpida	1GB	1Rx8	128Mx8	EBE10AE8ACFA-6E-E
	2GB	2Rx8	128Mx8	EBE21AE8ACFA-6E-E
Hynix	512MB	1Rx8	64Mx8	HYMP564P72CP8-Y5
				HMP564P7FFP8C-Y5
	1GB	1Rx4	128Mx4	HYMP512P72CP4-Y5
	2GB	1Rx4	256Mx4	HYMP125P72CP4-Y5
Micron	2GB	2Rx8	128Mx8	MT18HTF25672PDY-667G1
		1Rx4	256Mx4	MT18HTF25672PY-667E1
	4GB	2Rx4	256Mx4	MT36HTF51272PY-667E1
	8GB	2Rx4	512Mx4	MT36HTS1G72PY-667A1
Samsung	1GB	1Rx8	128Mx8	M393T2863QZA-CE6
	4GB	2Rx4	256Mx4	M393T5160QZA-CE6

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