

DDR3 SODIMMs Evaluated with the 2015 AMD A-Series Mainstream Platforms (“Carrizo”)

Introduction

This list contains DDR3 SODIMMs that have been evaluated by AMD and have shown reliable operation on the AMD internal reference platform. Testing included functional testing over voltage and temperature, as well as V_{REF} margining.

Purpose

As each mobile platform is different in design and characteristics, AMD cannot guarantee that a SODIMM contained in this list will work reliably in a specific mobile platform. The sole purpose of this list is to provide guidance with respect to creating the SODIMM test matrix a platform designer needs to validate the operation of a platform design. **It is the platform designer’s responsibility to completely test and verify operation of SODIMMs based on their own test process.**

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1600@1.35V

DIMM Module				DRAM Component					Testing Data					
Mfg	PN	Capacity	Rank/Width	Mfg	PN	Rev	IC Capacity	IC Date Code	Speed/Config	Date tested				
Carrizo FP4	Micron	2GB	1Rx16	Micron	MT41K256M16HA-125:E	E	4Gb	1220	1600/1DPC	3/25/2015				
					MT41K256M16TW-107	P	4Gb	1550	1600/1DPC	3/24/2016				
					MT41K256M16TW-107	P	4Gb	1550	1600/1DPC	7/15/2016				
					MT41K512M8DA-107	P	4Gb	1538	1600/1DPC	3/24/2016				
					MT41K512M8DA-107	P	4Gb	1540	1600/1DPC	7/15/2016				
					MT41K512M8RG-107:N	N	4Gb	1438	1600/1DPC	3/25/2015				
					MT41K512M8RH-125:E	E	4Gb	1302	1600/1DPC	3/25/2015				
					MT41K512M8DA-107	P	4Gb	1538	1600/1DPC	3/24/2016				
					MT41K512M8DA-107	P	4Gb	1538	1600/1DPC	7/15/2016				
					MT41K512M8RH-125:E	E	4Gb	1304	1600/1DPC	3/25/2015				
					MT41K512M8RH-125:E	E	4Gb	1208	1600/1DPC	3/25/2015				
					Samsung	2GB	1Rx16	Samsung	K4B4G1646Q-HYK0	Q	4Gb	1337	1600/1DPC	3/25/2015
									K4B4G0846Q-HYK0	Q	4Gb	1346	1600/1DPC	3/25/2015
									K4B4G0846D-BYK0	D	4Gb	1404	1600/1DPC	3/25/2015
K4B4G0846Q-HYK0	Q	4Gb	1404	1600/1DPC					3/25/2015					
K4B4G0846D-BYK0	D	4Gb	1407	1600/1DPC					3/25/2015					
SK Hynix	2GB	1Rx16	SK Hynix	H5TC4G63AFR-RDA	A	4Gb	1310	1600/1DPC	3/23/2015					
				H5TC4G63AFR-PBA	A	4Gb	1245	1600/1DPC	3/20/2015					
				H5TC4G83AFR-RDA	A	4Gb	1311	1600/1DPC	3/23/2015					
				H5TC4G83AFR-PBA	A	4Gb	1244	1600/1DPC	3/24/2015					
				H5TC4G83AFR-RDA	A	4Gb	1311	1600/1DPC	3/24/2015					
H5TC4G83AFR-PBA	A	4Gb	1242	1600/1DPC	3/24/2015									

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