

# 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.**

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.

# 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	

© 2016 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, and combinations thereof are trademarks of Advanced Micro Devices, Inc.