



DDR Support List of R8

General Description:

1. This document aims to guide the DDR selection for customer using our solution.
2. Since DDR is normal device, you can test it by yourself before mass production or send us some samples for test.
3. Since DDR is high speed device (667MHz), please directly refer to our PCB DRAM Part Template and follow our PCB

Definitions and Abbreviations Table:

✓	support and tested
✗	not support
SNT	support but not tested

VENDOR	PART NUMBER	TYPE	IC SUPPORT					Process
			Organization	Speed(MT)	Bus Width	Memory Size(MB)	R8	
Samsung	K4B2G0846B-HCH9	DDR3	256Mx8	1333	8	256	SNT	
Hynix	H5TQ2G83CFR-H9C	DDR3	256Mx8	1333	8	256	✓	38nm
	H5TQ2G83DFR-H9C	DDR3	256Mx8	1333	8	256	✓	38nm
	H5TQ2G83BFR-H9C	DDR3	256Mx8	1333	8	256	SNT	44nm
	H5TQ2G83EFR-PBC	DDR3	256Mx8	1600	8	256	✓	29nm
	H5TQ4G63MFR-H9C	DDR3	256Mx16	1333	16	512	✓	38nm
Elpida	EDJ2108BDBG-DJ-F	DDR3	256Mx8	1333	8	256	✓	30nm
Nanya	NT5CB256M8GN-CG	DDR3	256Mx8	1333	8	256	✓	42nm
	NT5CB256M8FN-CG	DDR3	256Mx8	1333	8	256	✓	30nm
	NT5CB256M16BP-CG	DDR3	256Mx16	1333	16	512	✓	42nm
GT	GT8UB256M8BN-BG	DDR3	256Mx8	1333	8	256	✓	42nm
Elixir	N2CB2G80GN-C6	DDR3	256Mx8	1333	8	256	✓	
Wins	VP5TQ2G0835L-F9	DDR3	256Mx8	1333	8	256	✓	
Micron	Z3P2GF3CKF-GDJ	DDR3	256Mx8	1333	8	256	✓	45nm



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MEMORIA									
Micron	MT41K256M8DA-125	DDR3	256Mx8	1600	8	256	✓		30nm
华芯	HXB15H2G800BF-15H	DDR3	256Mx8	1333	8	256	✓		30nm