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DDR2-800 DRAM Validation Results

This information is provided as a guide to component compliance. This testing is not intended to replace the normal OEM component qualification process. Intel encourages memory suppliers to validate their fastest speed/latency component. The slower speed/latency components using the same die revision as the listed fast component may not be explicitly listed in this table. This does not preclude the slower components from being submitted in memory modules for testing if the components has pass testing and has been listed in this table at the fastest speed/latency. Please contact the supplier directly to obtain information regarding the corresponding slower speed/latency parts.

Supplier PartNumber	Density	Width	Latency CL-tRCD-tRD	Note	Component Date Code
Elpida EDE2508ABSE-8E-E	256Mb	8	5-5-5		0501
Elpida EDE5116AHSE-8E-E	512Mb	16	5-5-5		0644
Elpida EDE5108AHBG-8E-E	512Mb	8	5-5-5		0635
Elpida EDE5108AJBG-8E-E	512Mb	8	5-5-5		0716
Elpida EDE5108AJSE-8E-E	512Mb	8	5-5-5		0717
Elpida EDE5116AJBG-8E-E	512Mb	16	5-5-5		0716
Elpida EDE5116AJSE-8E-E	512Mb	16	5-5-5		0717

Elpida EDE1108ACSE-8E-E	1Gb	8	5-5-5		0712
Elpida EDE5108AHBG-8E-E	1Gb	8	5-5-5		0635
Elpida EDE1108ABSE-8E-E	1Gb	8	5-5-5		0548
Elpida EDE1108AFSE-8E-F	1Gb	8	5-5-5		0849
Elpida EDE1116AESE-8E-F	1Gb	16	5-5-5		0842
Hynix H5PS1G63EFR-S5C	1Gb	16	5-5-5		0821
Hynix HY5PS1G831CFP-S5	1Gb	8	5-5-5		0639
Hynix H5PS1G83EFR-S5C	1Gb	8	5-5-5		0821
Hynix HY5PS121621EFP-S5	512Mb	16	5-5-5		0651
Hynix HY5PS121621CFP-S5	512Mb	16	5-5-5		0639
Hynix HY5PS121621DFP-S5	512Mb	16	5-5-5		0637
Hynix HY5PS12821EFP-S5	512Mb	8	5-5-5		0651
Hynix HY5PS12821AFP-S5	512Mb	8	5-5-5		0522

Hynix HY5PS12821DFP-S5	512Mb	8	5-5-5		0632
Hynix HY5PS12821BFP-S5	512Mb	8	5-5-5		0551
Hynix HY5PS12821CFP-S5	512Mb	8	5-5-5		0635
Hynix HY5PS12821NFP-S5	512Mb	8	5-5-5		0608
Hynix HY5PS12821FFP-S5	512Mb	8	5-5-5		0716
Hynix H5PS5182FFP-S5	512Mb	8	5-5-5		0716
Hynix H5PS1G63DFP-S5C	1Gb	16	5-5-5		0746
Hynix H5PS1G83DFP-S5C	1Gb	8	5-5-5		0742
Hynix HY5PS1G1631CFP-S5	1Gb	16	5-5-5		0702
Hynix HY5P1G831BFP-S5	1Gb	8	5-5-5		0639
Hynix HY5PS1G731CFP-S5	1Gb	8	5-5-5		0639
Hynix HY5PS1G831AFP-S5	1Gb	8	5-5-5		0524
Hynix HY5P1G1631AFP-S5	1Gb	16	5-5-5		0538

Hynix H5PS1G63DFR-S5C	1Gb	16	5-5-5		0746
Hynix H5PS1G83DFR-S5C	1Gb	8	5-5-5		0748
Hynix H5PS1G83EFR-S5C	1Gb	8	5-5-5		0821
Hynix HY5PS2G831CMP-S5	2Gb	8	5-5-5		0705
Hynix H5PS2G83MFP-S5C	2Gb	8	5-5-5		0746
Hynix HY5PS1G82FFP-S5	1Gb	8	5-5-5		0716
Micron MT47H64M8B6-25E	512Mb	8	5-5-5		0522
Micron MT47H64M8BT	512Mb	8	5-5-5		0452
Micron MT47H32M16BN	512Mb	16	5-5-5		0612
Micron MT47H128M8HQ-25E	1Gb	8	5-5-5		0742
Micron MT47H64M16HR-25E	1Gb	16	5-5-5		0804
Nanya NT5TU64M8AE-25	512Mb	8	5-5-5		0528
Nanya NT5TU64M8CE-25C	512Mb	8	5-5-5		0640

Nanya NT5TU64M8BE-25C	512Mb	8	5-5-5		0601
Nanya NT5TU32M16BG-25C	512Mb	16	5-5-5		0607
Nanya NT5TU32M16CG-25C	512Mb	16	5-5-5		0640
Nanya NT5TU128M8CE-25C	1Gb	8	5-5-5		0640
Nanya NT5TU64M16CG-25C	1Gb	16	5-5-5		0640
Nanya NT5TU128M8DE-AC	1Gb	8	5-5-5		0745
Nanya NT5TU64M16DG-AC	1Gb	16	5-5-5		0748
Nanya NT5TU128M8DF-AC	1Gb	8	5-5-5		0748
Samsung K4T1G084QF-HCE7	1Gb	8	5-5-5		0804
Samsung K4T1G164QE-HCE7	1Gb	16	5-5-5		0813
Samsung K4T4G274QA-TCE7	2Gb(DDP)	8	5-5-5		0749
Samsung K4T1G164QQ-HCE7	1Gb	16	5-5-5		0737
Samsung K45T6083QF-ZCE7	256Mb	8	5-5-5		0516

Samsung K4T51163QE-ZCE7	512Mb	16	5-5-5		0637
Samsung K4T51083QC-ZCE7	512Mb	8	5-5-5		0531
Samsung K4T51083QE-ZCE7	512Mb	8	5-5-5		0631
Samsung K4T51083QQ-ZCE7	512Mb	8	5-5-5		0725
Samsung K4T1G164QQ-ZCE7	1Gb	16	5-5-5		0737
Samsung K4T4G274QA-TCE7	2Gb(DDP)	8	5-5-5		0749
Samsung K4T51163QG-HCE7	512Mb	16	5-5-5		0746
Samsung K4T1G084QQ-HCE7	1Gb	8	5-5-5		0734
Samsung K4T1G084QE-ZCE7	1Gb	8	5-5-5		0722
Samsung K4T1G164QD-ZCE7	1Gb	16	5-5-5		0649
Samsung K4T1G084QD-ZCE7	1Gb	8	5-5-5		0637
Samsung K4T1G084QA-ZCE7	1Gb	8	5-5-5		0625
Samsung K4T2G084QA-ZCE7	2Gb	8	5-5-5		0728

Samsung K4T51083QG-HCE7	512Mb	8	5-5-5		0725
Samsung K4T1G164QE-HCE7	1Gb	16	5-5-5		0813
Samsung K4T1G084QE-HCE7	1Gb	8	5-5-5		0813
Qimonda HYB18T1G160C3F-25F	1Gb	16	5-5-5		0818
Qimonda HYB18T256800AF-25F	256Mb	8	5-5-5		0540
Qimonda HYB18T512800CF-25F	512Mb	8	5-5-5		0628
Qimonda HYB18T1G800C2F-25F	1Gb	8	5-5-5		0748
Qimonda HYB18T2G800AF-25F	2Gb	8	5-5-5		0744
Qimonda HYB18T512160B2F-25F	512Mb	16	5-5-5		0638
Qimonda HYB18T512800BF-25F	512Mb	8	5-5-5		0532
Qimonda HYB18T1G160C2F-25F	1Gb	16	5-5-5		0750
Qimonda HYB18T512160CF-25F	512Mb	16	5-5-5		0628
Qimonda HYB18T512160BF-25F	512Mb	16	5-5-5		0614

Qimonda HYB18T512800B2F-25F	512Mb	8	5-5-5		0638
Qimonda HYB18T512800B2F-25F	512Mb	8	5-5-5		0638
Qimonda HYB18T1G800CF-25F	1Gb	8	5-5-5		0704
Qimonda HYB18T1G160CF-25F	1Gb	16	5-5-5		0704
Qimonda HYB18T4G802AF-25F ^{(1),(2)}	2Gb(DDP)	8	5-5-5		0806

(1) Exceeds min R-die Specification

(2) Exceeds max C-delta Specification