



## Application Note

# MCP7A Preliminary Approved Memory Vendor List

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# Document Change History

| Version | Date           | Responsible     | Description of Change |
|---------|----------------|-----------------|-----------------------|
| 01      | March 10, 2008 | TD, DV          | Initial release       |
| 02      | June 26, 2008  | TDuon<br>DValen |                       |

# MCP7A Memory AVL

The information in the following tables is preliminary and will be updated as necessary.

Table 1. DDR2 UDIMM

| Vendor | Density | Part Number         |
|--------|---------|---------------------|
| Elpida | 1 GB    | EBE10UE8ACFA-6E-E   |
| Elpida | 1 GB    | EBE10UE8ACFA-8E-E   |
| Elpida | 2 GB    | EBE21UE8ACWA-6E-E   |
| Elpida | 2 GB    | EBE21UE8ACWA-8E-E   |
| Hynix  | 1 GB    | HYMP112U64CFR8C-C4  |
| Hynix  | 1 GB    | HYMP112U64CFR8C-Y5  |
| Hynix  | 1 GB    | HYMP112U64CFR8C-S5  |
| Hynix  | 1 GB    | HYMP512U64CFR8C-S5  |
| Hynix  | 2 GB    | HYMP125U64CFR8C-C4  |
| Hynix  | 2 GB    | HYMP125U64CFR8C-Y5  |
| Hynix  | 2 GB    | HYMP125U64CFR8C-S5  |
| Hynix  | 512 MB  | HYMP164U64CFR8C-C4  |
| Hynix  | 512 MB  | HYMP164U64CFR8C-Y5  |
| Hynix  | 512 MB  | HYMP164U64CFR8C-S5  |
| Micron | 1 GB    | MT16HTF12864AY-53ED |
| Micron | 1 GB    | MT8HTF12864AY-53EE  |
| Micron | 1 GB    | MT8HTF12864AY-667E  |
| Micron | 1 GB    | MT16HTF12864AY-667D |
| Micron | 1 GB    | MT8HTF12864AY-80EE  |
| Micron | 1 GB    | MT16HTF12864AY-80ED |
| Micron | 2 GB    | MT16HTF25664AY-53EE |
| Micron | 2 GB    | MT16HTF25664AY-667E |
| Micron | 2 GB    | MT16HTF25664AY-80EE |
| Micron | 512 MB  | MT8HTF6464AY-53ED   |
| Micron | 512 MB  | MT8HTF12864AY-53EE  |
| Micron | 512 MB  | MT8HTF12864AY-667E  |

| Vendor  | Density | Part Number           |
|---------|---------|-----------------------|
| Micron  | 512 MB  | MT8HTF6464AY-667D     |
| Micron  | 512 MB  | MT8HTF12864AY-80EE    |
| Micron  | 512 MB  | MT8HTF6464AY-80ED     |
| Nanya   | 1 GB    | NT1GT64U8HC0BY-37B    |
| Nanya   | 1 GB    | NT1GT64U88C0BY-37B    |
| Nanya   | 1 GB    | NT1GT64U88C0BY-3C     |
| Nanya   | 1 GB    | NT1GT64U8HC0BY-3C     |
| Nanya   | 1 GB    | NT1GT64U88C0BY-25C    |
| Nanya   | 1 GB    | NT1GT64U8HC0BY-25C    |
| Nanya   | 2 GB    | NT2GT64U8HC0JY-37B    |
| Nanya   | 2 GB    | NT2GT64U8HC0JY-3C     |
| Nanya   | 2 GB    | NT2GT64U8HC0JY-25C    |
| Nanya   | 512 MB  | NT512T64U88C0BY-37B   |
| Nanya   | 512 MB  | NT512T64U88C0BY-3C    |
| Nanya   | 512 MB  | NT512T64U88C0BY-25C   |
| ProMos  | 1 GB    | V916765K24QCFW-F5     |
| ProMos  | 1 GB    | V916765K24QCFW-F5     |
| ProMos  | 512 MB  | V916764K24QCFW-F5     |
| ProMos  | 512 MB  | V916764K24QCFW-G6     |
| Qimonda | 1 GB    | HYS64T128020EU-3S-C2  |
| Qimonda | 1 GB    | HYS64T128020EU-3S-B2  |
| Qimonda | 1 GB    | HYS64T128000EU-3S-B2  |
| Qimonda | 1 GB    | HYS64T128020EU-25F-C2 |
| Qimonda | 1 GB    | HYS64T128000EU-3S-C2  |
| Qimonda | 1 GB    | HYS64T128020EU-25F-B2 |
| Qimonda | 1 GB    | HYS64T128020EU-25F-B2 |
| Qimonda | 1 GB    | HYS64T128000EU-25-B2  |
| Qimonda | 1 GB    | HYS64T128020EU-25-B2  |
| Qimonda | 2 GB    | HYS64T256020EU-3S-C2  |
| Qimonda | 2 GB    | HYS64T256020EU-2.5-C2 |
| Qimonda | 512 MB  | HYS64T64000EU-3S-B2   |
| Qimonda | 512 MB  | HYS64T64000EU-25F-B2  |
| Samsung | 1 GB    | M378T2863QZS-CE6      |
| Samsung | 1 GB    | M378T2953GZ3-CE6      |
| Samsung | 1 GB    | M378T2863QZS-CF7      |

| Vendor  | Density | Part Number      |
|---------|---------|------------------|
| Samsung | 1 GB    | M378T2953GZ3-CF7 |
| Samsung | 2 GB    | M378T5663QZ3-CE6 |
| Samsung | 2 GB    | M378T5663QZ3-CF7 |
| Samsung | 512 MB  | M378T6464QZ3-CE6 |
| Samsung | 512 MB  | M378T6553GZS-CE6 |
| Samsung | 512 MB  | M378T6464QZ3-CF7 |
| Samsung | 512 MB  | M378T6553GZS-CF7 |

Table 2. DDR3 UDIMM

| Vendor | Density | Part Number         |
|--------|---------|---------------------|
| Elpida | 1 GB    | EBJ10UE8BAFA-AE-E   |
| Elpida | 1 GB    | EBJ10UE8BAFA-AG-E   |
| Elpida | 1 GB    | EBJ10UE8BAFA-DJ-E   |
| Elpida | 1 GB    | EBJ10UE8BAFA-8C-E   |
| Elpida | 2 GB    | EBJ21UE8BAFA-AG-E   |
| Elpida | 2 GB    | EBJ12UE8BAFA-DJ-E   |
| Elpida | 2 GB    | EBJ21UE8BAFA-8C-E   |
| Hynix  | 1 GB    | HMT112U64AFP8C-G7N0 |
| Hynix  | 1 GB    | HYMT112U64ZNF8-G8   |
| Hynix  | 1 GB    | HYMT112U64ZNF8-H9   |
| Hynix  | 1 GB    | HMT112U64AFP8C-H9N0 |
| Hynix  | 1 GB    | HMT112U64AFP8C-S5N0 |
| Hynix  | 1 GB    | HYMT112U64ZNF8-S6   |
| Hynix  | 2 GB    | HMT125U64AFP8C-G7N0 |
| Hynix  | 2 GB    | HYMT125U64ZNF8-G8   |
| Hynix  | 2 GB    | HYMT125U64ZNF8-H9   |
| Hynix  | 2 GB    | HMT125U64AFP8C-H9N0 |
| Hynix  | 2 GB    | HMT125U64AFP8C-S5N0 |
| Hynix  | 2 GB    | HYMT125U64ZNF8-S6   |
| Hynix  | 512 MB  | HYMT164U64ZNF6-G8   |
| Hynix  | 512 MB  | HMT164U64AFP6C-G7N0 |
| Hynix  | 512 MB  | HYMT164U64ZNF6-H9   |
| Hynix  | 512 MB  | HMT164U64AFP6C-H9N0 |
| Hynix  | 512 MB  | HMT164U64AFP6C-S5N0 |
| Hynix  | 512 MB  | HYMT164U64ZNF6-S6   |
| Micron | 1 GB    | MT8JTF12864AY-1G1D  |

| Vendor  | Density | Part Number          |
|---------|---------|----------------------|
| Micron  | 1 GB    | MT8JTF12864AY-1G4D   |
| Micron  | 2 GB    | MT16JTF25664AY-1G1D  |
| Micron  | 2 GB    | MT16JTF25664AY-1G4D  |
| Micron  | 512 MB  | MT4JTF6464AY-1G1B    |
| Micron  | 512 MB  | MT4JTF6464AY-1G4B    |
| Micron  | 512 MB  | MT4JTF6464AY-80BB1   |
| Micron  | 512 MB  | MT4JTF6464AY-1G4BYES |
| Nanya   | 1 GB    | NT1GC64B88A0NY-BE    |
| Nanya   | 1 GB    | NT1GC64B88A0NY-CF    |
| Nanya   | 1 GB    | NT1GC64B88A0NY-AC    |
| Nanya   | 2 GB    | NT2GC64B8HA0NY-BE    |
| Nanya   | 2 GB    | NT2GC64B8HA0NY-CF    |
| Nanya   | 2 GB    | NT2GC64B8HA0NY-AC    |
| Nanya   | 512 MB  | NT512C64BH4A0PY-BE   |
| Nanya   | 512 MB  | NT512C64BH4A0PY-CF   |
| Nanya   | 512 MB  | NT512C64BH4A0PY-AC   |
| Qimonda | 1 GB    | IMSH1GU13A1F1C-10F   |
| Qimonda | 1 GB    | IMSH1GU03A1F1C-10F   |
| Qimonda | 1 GB    | IMSH1GU13A1F1C-13H   |
| Qimonda | 1 GB    | IMSH1GU03A1F1C-13H   |
| Qimonda | 2 GB    | IMSH2GU13A1F1C-10F   |
| Qimonda | 2 GB    | IMSH2GU13A1F1C-13H   |
| Qimonda | 2 GB    | IMSH2GU13A1F1C-08E   |
| Qimonda | 512 MB  | IMSH51U03A1F1C-10G   |
| Qimonda | 512 MB  | IMSH51U04A1F1C-10F   |
| Qimonda | 512 MB  | IMSH51U03A1F1C-13H   |
| Qimonda | 512 MB  | IMSH51U04A1F1C-13H   |
| Qimonda | 512 MB  | IMSH51U03A1F1C-08E   |
| Qimonda | 512 MB  | IMSH51U04A1F1C-08E   |
| Samsung | 1 GB    | M378B2873DZ0-CF8     |
| Samsung | 1 GB    | M378B2873DZ0-CH9     |
| Samsung | 2 GB    | M378B5673DZ0-CF8     |
| Samsung | 2 GB    | M378B5673DZ0-CH9     |
| Samsung | 512 MB  | M378B6474DZ1-CF8     |
| Samsung | 512 MB  | M378B6474DZ1-CH9     |

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