

# Intel® Server System SR1695WBAC

Tested Memory and Hardware List

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## Supported Hard Drives

| Manufacturer    | Model Name          | Model Number    | Form Factor  | Interface | Size  | Description                      | Notes | EOL |
|-----------------|---------------------|-----------------|--------------|-----------|-------|----------------------------------|-------|-----|
| SanDisk         | N100                | SDN1SC4-060G    | 2.5 x 7mm    | SATA-300  | 60GB  | 60G, SATA 3Gb SSD                |       |     |
| SanDisk         | N100                | SDN1SC4-120G    | 2.5 x 7mm    | SATA-300  | 120GB | 120G, SATA 3Gb SSD               |       |     |
| SanDisk         | N100                | SDN1SC4-240G    | 2.5 x 7mm    | SATA-300  | 240GB | 240G, SATA 3Gb SSD               |       |     |
| SanDisk         | N100                | SDN1SC4-480G    | 2.5 x 7mm    | SATA-300  | 480GB | 480G, SATA 3Gb SSD               |       |     |
| Hitachi         | Ultrastar C10K600   | HUC106030CSS600 | 2.5 x 14.8mm | SAS-600   | 300GB | 300GB, 10K RPM, 2.5" SFF, 6G SAS |       |     |
| Hitachi         | Ultrastar C10K600   | HUC106045CSS600 | 2.5 x 14.8mm | SAS-600   | 450GB | 450GB, 10K RPM, 2.5" SFF, 6G SAS |       |     |
| Hitachi         | Ultrastar C10K600   | HUC106060CSS600 | 2.5 x 14.8mm | SAS-600   | 600GB | 600GB, 10K RPM, 2.5" SFF, 6G SAS |       |     |
| Western Digital | WD RE4 / EX500M-6   | WD1003FBYX      | 3.5 x 1      | SATA-300  | 1TB   | 3.5" 7200RPM 1TB SATA            |       |     |
| Western Digital | WD RE4 / EX500S     | WD5003ABYX      | 3.5 x 1      | SATA-300  | 500GB | 3.5" 7200RPM 500GB SATA          |       |     |
| Western Digital | WD6000BLHX / VR200M | WD6000BLHX      | 2.5 x 15mm   | SATA-300  | 600GB | 2.5" 10KRPM 600GB SATA           |       |     |

## Supported RAID Adapters

| Manufacturer      | Model Name                              | Model Number | Interface           | Description   | EOL |
|-------------------|---|--------------|---------------------|---|-----|
| Emulex            | LPe12002-M8                             | LPe12002     | PCI Express* 2.0 x8 | Dual Channel, 8Gb FC, native PCI Express*, enterprise class, PCIe* 2.0 5GT/s  |     |
| Intel Corporation | Intel® RAID Activation Key<br>AXXRAKSW5 | AXXRAKSW5    |                     | RAID Activation Key enables SAS and/or SATA Software RAID 5 on most Intel Server Boards                                 |     |
| Intel Corporation | Intel® RAID Controller RS25DB080        | RS25DB080    | PCI Express* 3.0 x8 | 6G SAS RAID Controller with 8 internal ports. PCIe* Gen 3 capable, and dual core ROC. No cables included.               |     |
| Intel Corporation | Intel® RAID Controller RS25DB080        | RS25DB080    | PCI Express* 3.0 x8 | 6G SAS RAID Controller with 8 internal ports. PCIe* Gen 3 capable, and dual core ROC. No cables included.               |     |
| Intel Corporation | Intel® RAID Controller RS2BL080         | RS2BL080D10  | PCI Express* 2.0 x8 | 6G SAS RAID Controller with 8 internal ports. Retail SKU includes cables.   |     |
| Intel Corporation | Intel® RAID Controller RS2BL080         | RS2BL080DE   | PCI Express* 2.0 x8 | 6G SAS RAID Controller with 8 internal ports. Retail SKU includes cables.   |     |
| Intel Corporation | Intel® RAID Controller RS2BL080         | RS2BL080     | PCI Express* 2.0 x8 | 6G SAS RAID Controller with 8 internal ports. Retail SKU includes cables.   |     |
| Intel Corporation | Intel® RAID Controller RS2BL080         | RS2BL080SNGL | PCI Express* 2.0 x8 | 6G SAS RAID Controller with 8 internal ports. Retail SKU includes cables.   |     |
| Intel Corporation | Intel® RAID Controller RS2MB044         | RS2MB044     | PCI Express* 2.0 x8 | Mainstream 6G SAS RAID controller with 4 internal and 4 external ports for SAS/SATA drives. Retail SKU includes cables. |     |
| Intel Corporation | Intel® RAID Controller RS2PI008         | RS2PI008     | PCI Express* 2.0 x8 | 6G SAS RAID Controller with 8 external ports. Cables not included.  |     |
| Intel Corporation | Intel® RAID Controller RS2WC040         | RS2WC040     | PCI Express* 2.0 x8 | Entry-level 6G SAS RAID controller with 4 internal ports for SAS/SATA drives. Retail SKU includes cable.                |     |
| Intel Corporation | Intel® RAID Controller RS2WC080         | RS2WC080     | PCI Express* 2.0 x8 | Entry-level 6G SAS RAID controller with 8 internal ports for SAS/SATA drives. Retail SKU includes cables.               |     |
| Intel Corporation | Intel® RAID Controller SRCASBB8I        | SRCASBB8I    | PCI Express* 2.0 x8 | Mainstream 3Gb RAID controller with 8 internal SAS/SATA ports.  |     |
| Intel Corporation | Intel® RAID Controller SRCASLS4I        | SRCASLS4I    | PCI Express* 2.0 x8 | Mainstream 3Gb RAID controller with 4 SAS/SATA ports.   |     |

## Supported Memory

| Manufacturer    | Model Number      | Size | Type       | Speed    | Rank | DRAM Part Number       | DRAM Vendor | DRAM Organization | Voltage   | EOL |
|-----------------|-------------------|------|------------|----------|------|------------------------|-------------|-------------------|-----------|-----|
| ACTICA          | ACT4GHR72P8H1333H | 4 GB | Registered | 1333 MHz | Dual | H5TQ2G83BFR-H9C rev B  | Hynix       | x8                | 1.5 Volts |     |
| ACTICA          | ACT4GHR72P8H1333H | 4 GB | Registered | 1333 MHz | Dual | H5TQ2G83BFR-H9C rev B  | Hynix       | x8                | 1.5 Volts |     |
| ACTICA          | ACT4GHR72Q4G1333S | 4 GB | Registered | 1333 MHz | Dual | K4B1G0446E-HCH9 rev E  | Samsung     | N/A               | 1.5 Volts |     |
| ACTICA          | ACT4GHR72Q4G1333S | 4 GB | Registered | 1333 MHz | Dual | K4B1G0446E-HCH9 rev E  | Samsung     | N/A               | 1.5 Volts |     |
| ACTICA          | ACT8GHR72Q4H1333H | 8 GB | Registered | 1333 MHz | Dual | H5TQ2G43AFR-H9C rev A  | Hynix       | N/A               | 1.5 Volts |     |
| ACTICA          | ACT8GHR72Q4H1333H | 8 GB | Registered | 1333 MHz | Dual | H5TQ2G43AFR-H9C rev A  | Hynix       | N/A               | 1.5 Volts |     |
| Apacer          | 78.A1GCC.AF1      | 2 GB | Registered | 1333 MHz | Dual | H5TQ1G83DFR-H9C rev D  | Hynix       | x8                | 1.5 Volts |     |
| Apacer          | 78.C1GEL.4220C    | 8 GB | Registered | 1333 MHz | Dual | EDJ2104ECSE-DJ-F rev C | Elpida      | x4                | 1.5 Volts |     |
| ATP Electronics | AL12M72B8BKH9S    | 4 GB | Registered | 1333 MHz | Dual | K4B2G0846C-HCH9 rev C  | Samsung     | x8                | 1.5 Volts |     |
| ATP Electronics | AL12M72B8BKH9S    | 4 GB | Registered | 1333 MHz | Dual | K4B2G0846D-HCH9 rev D  | Samsung     | x8                | 1.5 Volts |     |
| ATP Electronics | AL12P72E4BJH9S    | 4 GB | Registered | 1333 MHz | Dual | K4B1G0446F-HYH9 rev F  | Samsung     | N/A               | 1.5 Volts |     |
| ATP Electronics | AL24M72E4BKH9S    | 8 GB | Registered | 1333 MHz | Dual | K4B2G0446B-HCH9 rev B  | Samsung     | x4                | 1.5 Volts |     |
| ATP Electronics | AL24M72E4BKH9S    | 8 GB | Registered | 1333 MHz | Dual | K4B2G0446B-HCH9 rev B  | Samsung     | x4                | 1.5 Volts |     |
| ATP Electronics | AL24P72E4BKH9S    | 8 GB | Registered | 1333 MHz | Dual | K4B2G0446C-HYH9 rev C  | Samsung     | N/A               | 1.5 Volts |     |
| ATP Electronics | AL24P72E4BKH9S    | 8 GB | Registered | 1333 MHz | Dual | K4B2G0446C-HYH9 rev C  | Samsung     | N/A               | 1.5 Volts |     |
| ATP Electronics | AL56M72B8BJH9S    | 2 GB | Registered | 1333 MHz | Dual | K4B1G0846E-HCH9 rev E  | Samsung     | N/A               | 1.5 Volts |     |

| Manufacturer    | Model Number           | Size | Type       | Speed    | Rank   | DRAM Part Number      | DRAM Vendor | DRAM Organization | Voltage   | EOL |
|-----------------|------------------------|------|------------|----------|--------|-----------------------|-------------|-------------------|-----------|-----|
| ATP Electronics | AL56M72B8BJH9S         | 2 GB | Registered | 1333 MHz | Dual   | K4B1G0846E-HCH9 rev E | Samsung     | N/A               | 1.5 Volts |     |
| ATP Electronics | AQ56M72E8BJH9S         | 2 GB | Unbuffered | 1333 MHz | Dual   | K4B1G0846E-HCH9 rev E | Samsung     | N/A               | 1.5 Volts |     |
| ATP Electronics | AQ56M72E8BJH9S         | 2 GB | Unbuffered | 1333 MHz | Dual   | K4B1G0846E-HCH9 rev E | Samsung     | N/A               | 1.5 Volts |     |
| Crucial         | CT102472BB1067.72SD D1 | 8 GB | Registered | 1066 MHz | Quad   | MT41J512M4JE-187E:F   | Micron      | N/A               | 1.5 Volts |     |
| Crucial         | CT102472BB1339.36FD 1  | 8 GB | Registered | 1333 MHz | Dual   | MT41J512M4HX-15E:D    | Micron      | x4                | 1.5 Volts |     |
| Crucial         | CT12872BA1339.9SFD     | 1 GB | Unbuffered | 1333 MHz | Single | MT41J128M8HX-15E:D    | Micron      | N/A               | 1.5 Volts |     |
| Crucial         | CT12872BB1067S.9FF1    | 1 GB | Registered | 1066 MHz | Single | MT41J128M8JP-15E:F    | Micron      | N/A               | 1.5 Volts |     |
| Crucial         | CT12872BB1067S.9SFD 1  | 1 GB | Registered | 1066 MHz | Single | MT41J128M8HX-15E:D    | Micron      | N/A               | 1.5 Volts |     |
| Crucial         | CT12872BB1339S.9FF1    | 1 GB | Registered | 1333 MHz | Single | MT41J128M8JP-15E:F    | Micron      | N/A               | 1.5 Volts |     |
| Crucial         | CT12872BB1339S.9SFD 1  | 1 GB | Registered | 1333 MHz | Single | MT41J128M8HX-15E:D    | Micron      | N/A               | 1.5 Volts |     |
| Crucial         | CT25672BA1067.18SFD    | 2 GB | Unbuffered | 1066 MHz | Dual   | MT41J128M8HX-187E:D   | Micron      | N/A               | 1.5 Volts |     |
| Crucial         | CT25672BA1339.9SFD     | 2 GB | Unbuffered | 1333 MHz | Dual   | MT41J128M8HX-15E:D    | Micron      | N/A               | 1.5 Volts |     |
| Crucial         | CT25672BB1067.18FF1    | 2 GB | Registered | 1066 MHz | Dual   | MT41J128M8JP-15E:F    | Micron      | N/A               | 1.5 Volts |     |
| Crucial         | CT25672BB1067.18SFD 1  | 2 GB | Registered | 1066 MHz | Dual   | MT41J128M8HX-187E:D   | Micron      | N/A               | 1.5 Volts |     |
| Crucial         | CT25672BB1067S.18FF 1  | 2 GB | Registered | 1066 MHz | Single | MT41J256M4JP-15E:F    | Micron      | N/A               | 1.5 Volts |     |
| Crucial         | CT25672BB1067S.18SF D1 | 2 GB | Registered | 1066 MHz | Single | MT41J256M4HX-187E:D   | Micron      | N/A               | 1.5 Volts |     |
| Crucial         | CT25672BB1339.18FF1    | 2 GB | Registered | 1333 MHz | Dual   | MT41J128M8JP-15E:F    | Micron      | N/A               | 1.5 Volts |     |

| Manufacturer | Model Number          | Size | Type       | Speed    | Rank   | DRAM Part Number      | DRAM Vendor | DRAM Organization | Voltage   | EOL |
|--------------|-----------------------|------|------------|----------|--------|-----------------------|-------------|-------------------|-----------|-----|
| Crucial      | CT25672BB1339.18SFD1  | 2 GB | Registered | 1333 MHz | Dual   | MT41J128M8HX-15E:D    | Micron      | N/A               | 1.5 Volts |     |
| Crucial      | CT25672BB1339S.18FF1  | 2 GB | Registered | 1333 MHz | Single | MT41J256M4JP-15E:F    | Micron      | N/A               | 1.5 Volts |     |
| Crucial      | CT25672BB1339S.18SFD1 | 2 GB | Registered | 1333 MHz | Single | MT41J256M5HX-15E:D    | Micron      | N/A               | 1.5 Volts |     |
| Crucial      | CT25672BB1339S.9FD1   | 2 GB | Registered | 1333 MHz | Single | MT41J256M8HX-15E:D    | Micron      | x8                | 1.5 Volts |     |
| Crucial      | CT51272BB1067.36FF1   | 4 GB | Registered | 1066 MHz | Dual   | MT41J256M4JP-15E:F    | Micron      | N/A               | 1.5 Volts |     |
| Crucial      | CT51272BB1067.36SFD1  | 4 GB | Registered | 1066 MHz | Dual   | MT41J256M4HX-187E:D   | Micron      | N/A               | 1.5 Volts |     |
| Crucial      | CT51272BB1067Q.36FF1  | 4 GB | Registered | 1066 MHz | Quad   | MT41J128M8JP-15E:F    | Micron      | N/A               | 1.5 Volts |     |
| Crucial      | CT51272BB1339.18FD1   | 4 GB | Registered | 1333 MHz | Dual   | MT41J256M8HX-15E:D    | Micron      | x8                | 1.5 Volts |     |
| Crucial      | CT51272BB1339.36FF1   | 4 GB | Registered | 1333 MHz | Dual   | MT41J256M4JP-15E:F    | Micron      | N/A               | 1.5 Volts |     |
| Crucial      | CT51272BB1339S.18FD1  | 4 GB | Registered | 1333 MHz | Single | MT41J512M4HX-15E:D    | Micron      | x4                | 1.5 Volts |     |
| Dataram      | DTM64313H             | 4 GB | Registered | 1333 MHz | Dual   | K4B1G0446F-HCH9 rev F | Samsung     | N/A               | 1.5 Volts |     |
| Dataram      | DTM64313H             | 4 GB | Registered | 1333 MHz | Dual   | K4B1G0446F-HCH9 rev F | Samsung     | N/A               | 1.5 Volts |     |
| Dataram      | DTM64314C             | 4 GB | Unbuffered | 1333 MHz | Dual   | H5TQ2G83BFR-H9C rev B | Hynix       | x8                | 1.5 Volts |     |
| Dataram      | DTM64322A             | 1 GB | Unbuffered | 1333 MHz | Single | H5TQ1G83BFR-H9C rev B | Hynix       | N/A               | 1.5 Volts |     |
| Dataram      | DTM64322A             | 1 GB | Unbuffered | 1333 MHz | Single | H5TQ1G83BFR-H9C rev B | Hynix       | N/A               | 1.5 Volts |     |
| Dataram      | DTM64322B             | 1 GB | Unbuffered | 1333 MHz | Single | H5TC1G83TFR-H9A       | Hynix       | N/A               | 1.5 Volts |     |
| Dataram      | DTM64322B             | 1 GB | Unbuffered | 1333 MHz | Single | H5TC1G83TFR-H9A       | Hynix       | N/A               | 1.5 Volts |     |

| Manufacturer | Model Number       | Size | Type       | Speed    | Rank   | DRAM Part Number       | DRAM Vendor | DRAM Organization | Voltage   | EOL |
|--------------|--------------------|------|------------|----------|--------|------------------------|-------------|-------------------|-----------|-----|
| Dataram      | DTM64323A          | 2 GB | Unbuffered | 1333 MHz | Dual   | H5TQ1G83BFR-H9C rev B  | Hynix       | N/A               | 1.5 Volts |     |
| Dataram      | DTM64323A          | 2 GB | Unbuffered | 1333 MHz | Dual   | H5TQ1G83BFR-H9C rev B  | Hynix       | N/A               | 1.5 Volts |     |
| Dataram      | DTM64323B          | 2 GB | Unbuffered | 1333 MHz | Dual   | H5TC1G83TFR-H9A        | Hynix       | N/A               | 1.5 Volts |     |
| Dataram      | DTM64323B          | 2 GB | Unbuffered | 1333 MHz | Dual   | H5TC1G83TFR-H9A        | Hynix       | N/A               | 1.5 Volts |     |
| Dataram      | DTM64361A          | 2 GB | Unbuffered | 1333 MHz | Single | H5TQ2G83BFR-H9C rev B  | Hynix       | x8                | 1.5 Volts |     |
| Kingston     | KVR1066D3D4R7S/4GI | 4 GB | Registered | 1066 MHz | Dual   | EDJ1104BASE-DJ-E       | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3D4R7S/4GI | 4 GB | Registered | 1066 MHz | Dual   | EDJ1104BASE-DJ-E       | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3D4R7S/4GI | 4 GB | Registered | 1066 MHz | Dual   | EDJ1104BDSE-DJ-F       | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3D4R7S/4GI | 4 GB | Registered | 1066 MHz | Dual   | EDJ1104BDSE-DJ-F       | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3D8R7S/2GI | 2 GB | Registered | 1066 MHz | Dual   | EDJ1108BASE-DJ-E rev A | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3D8R7S/2GI | 2 GB | Registered | 1066 MHz | Dual   | EDJ1108BASE-DJ-E rev A | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3D8R7S/2GI | 2 GB | Registered | 1066 MHz | Dual   | H5TQ1G83BFR-H9C        | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3D8R7S/2GI | 2 GB | Registered | 1066 MHz | Dual   | H5TQ1G83BFR-H9C        | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3D8R7S/2GI | 2 GB | Registered | 1066 MHz | Dual   | H5TQ1G83TFR-H9C rev T  | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3D8R7S/2GI | 2 GB | Registered | 1066 MHz | Dual   | H5TQ1G83TFR-H9C rev T  | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3D8R7S/2GI | 2 GB | Registered | 1066 MHz | Dual   | H5TQ1G83TFR-H9C        | Hynix       | x8                | 1.5 Volts |     |
| Kingston     | KVR1066D3D8R7S/2GI | 2 GB | Registered | 1066 MHz | Dual   | H5TQ1G83TFR-H9C        | Hynix       | x8                | 1.5 Volts |     |

| Manufacturer | Model Number         | Size | Type       | Speed    | Rank   | DRAM Part Number          | DRAM Vendor | DRAM Organization | Voltage   | EOL |
|--------------|----------------------|------|------------|----------|--------|---------------------------|-------------|-------------------|-----------|-----|
| Kingston     | KVR1066D3D8R7S/2GI   | 2 GB | Registered | 1066 MHz | Dual   | IDSH1G-03A1F1C-13H rev A1 | Qimonda     | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3D8R7S/2GI   | 2 GB | Registered | 1066 MHz | Dual   | IDSH1G-03A1F1C-13H rev A1 | Qimonda     | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3E7S/1GI     | 1 GB | Unbuffered | 1066 MHz | Single | EDJ1108BABG-DJ-E rev A    | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3E7S/1GI     | 1 GB | Unbuffered | 1066 MHz | Single | EDJ1108BABG-DJ-E rev A    | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3E7S/1GI     | 1 GB | Unbuffered | 1066 MHz | Single | EDJ1108BDBG-DJ-F          | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3E7S/1GI     | 1 GB | Unbuffered | 1066 MHz | Single | EDJ1108BDBG-DJ-F          | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3E7S/1GI     | 1 GB | Unbuffered | 1066 MHz | Single | EDJ1108BFSE-DJ-F          | Elpida      | x8                | 1.5 Volts |     |
| Kingston     | KVR1066D3E7S/1GI     | 1 GB | Unbuffered | 1066 MHz | Single | EDJ1108BFSE-DJ-F          | Elpida      | x8                | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/4GH T | 4 GB | Registered | 1066 MHz | Quad   | H5TQ1G83TFR-H9C           | Hynix       | x8                | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/4GH T | 4 GB | Registered | 1066 MHz | Quad   | H5TQ1G83TFR-H9C           | Hynix       | x8                | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/4GI   | 4 GB | Registered | 1066 MHz | Quad   | J1108BASE-DJ-E            | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/4GI   | 4 GB | Registered | 1066 MHz | Quad   | J1108BASE-DJ-E            | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/4GI   | 4 GB | Registered | 1066 MHz | Quad   | H5TQ1G83BFR-H9C           | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/4GI   | 4 GB | Registered | 1066 MHz | Quad   | H5TQ1G83BFR-H9C           | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/4GI   | 4 GB | Registered | 1066 MHz | Quad   | H5TQ1G83TFR-H9C rev T     | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/4GI   | 4 GB | Registered | 1066 MHz | Quad   | H5TQ1G83TFR-H9C rev T     | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/4GI   | 4 GB | Registered | 1066 MHz | Quad   | H5TQ1G83TFR-H9C           | Hynix       | x8                | 1.5 Volts |     |



| Manufacturer | Model Number       | Size | Type       | Speed    | Rank   | DRAM Part Number          | DRAM Vendor | DRAM Organization | Voltage   | EOL |
|--------------|--------------------|------|------------|----------|--------|---------------------------|-------------|-------------------|-----------|-----|
| Kingston     | KVR1066D3Q8R7S/4GI | 4 GB | Registered | 1066 MHz | Quad   | H5TQ1G83TFR-H9C           | Hynix       | x8                | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/4GI | 4 GB | Registered | 1066 MHz | Quad   | IDSH1G-03A1F1C-13H rev A1 | Qimonda     | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/4GI | 4 GB | Registered | 1066 MHz | Quad   | IDSH1G-03A1F1C-13H rev A1 | Qimonda     | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/4GI | 4 GB | Registered | 1066 MHz | Quad   | IDSH1G-03A1F1C-13H        | Qimonda     | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/4GI | 4 GB | Registered | 1066 MHz | Quad   | IDSH1G-03A1F1C-13H        | Qimonda     | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/8GI | 8 GB | Registered | 1066 MHz | Quad   | H5TQ2G83AFR-H9C           | Hynix       | x8                | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/8GI | 8 GB | Registered | 1066 MHz | Quad   | H5TQ2G83AFR-H9C           | Hynix       | x8                | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/8GI | 8 GB | Registered | 1066 MHz | Quad   | H5TQ2G83BFR-H9C           | Hynix       | x8                | 1.5 Volts |     |
| Kingston     | KVR1066D3Q8R7S/8GI | 8 GB | Registered | 1066 MHz | Quad   | H5TQ2G83BFR-H9C           | Hynix       | x8                | 1.5 Volts |     |
| Kingston     | KVR1066D3S4R7S/2GI | 2 GB | Registered | 1066 MHz | Single | EDJ1104BASE-DJ-E          | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3S4R7S/2GI | 2 GB | Registered | 1066 MHz | Single | EDJ1104BASE-DJ-E          | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3S4R7S/2GI | 2 GB | Registered | 1066 MHz | Single | EDJ1104BDSE-DJ-F          | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3S4R7S/2GI | 2 GB | Registered | 1066 MHz | Single | EDJ1104BDSE-DJ-F          | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3S8R7S/1GI | 1 GB | Registered | 1066 MHz | Single | EDJ1108BASE-DJ-E rev A    | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3S8R7S/1GI | 1 GB | Registered | 1066 MHz | Single | EDJ1108BASE-DJ-E rev A    | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3S8R7S/1GI | 1 GB | Registered | 1066 MHz | Single | EDJ1108BASE-DJ-E          | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3S8R7S/1GI | 1 GB | Registered | 1066 MHz | Single | EDJ1108BASE-DJ-E          | Elpida      | N/A               | 1.5 Volts |     |

| Manufacturer | Model Number        | Size | Type       | Speed    | Rank   | DRAM Part Number      | DRAM Vendor | DRAM Organization | Voltage   | EOL |
|--------------|---------------------|------|------------|----------|--------|-----------------------|-------------|-------------------|-----------|-----|
| Kingston     | KVR1066D3S8R7S/1GI  | 1 GB | Registered | 1066 MHz | Single | H5TQ1G83BFR-H9C       | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3S8R7S/1GI  | 1 GB | Registered | 1066 MHz | Single | H5TQ1G83BFR-H9C       | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3S8R7S/1GI  | 1 GB | Registered | 1066 MHz | Single | H5TQ1G83TFR-H9C rev T | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3S8R7S/1GI  | 1 GB | Registered | 1066 MHz | Single | H5TQ1G83TFR-H9C rev T | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3S8R7S/1GI  | 1 GB | Registered | 1066 MHz | Single | IDSH1G-03A1F1C-13H    | Qimonda     | N/A               | 1.5 Volts |     |
| Kingston     | KVR1066D3S8R7S/1GI  | 1 GB | Registered | 1066 MHz | Single | IDSH1G-03A1F1C-13H    | Qimonda     | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3D4R9S/4GI  | 4 GB | Registered | 1333 MHz | Dual   | EDJ1104BASE-DJ-E      | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3D4R9S/4GI  | 4 GB | Registered | 1333 MHz | Dual   | EDJ1104BASE-DJ-E      | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3D4R9S/4GI  | 4 GB | Registered | 1333 MHz | Dual   | EDJ1104BDSE-DJ-F      | Elpida      | x4                | 1.5 Volts |     |
| Kingston     | KVR1333D3D4R9S/4GI  | 4 GB | Registered | 1333 MHz | Dual   | EDJ1104BDSE-DJ-F      | Elpida      | x4                | 1.5 Volts |     |
| Kingston     | KVR1333D3D4R9S/4GI  | 4 GB | Registered | 1333 MHz | Dual   | EDJ1104BFSE-DJ-F      | Elpida      | x4                | 1.5 Volts |     |
| Kingston     | KVR1333D3D4R9S/8GI  | 8 GB | Registered | 1333 MHz | Dual   | EDJ2104ECSE-DJ-F      | Elpida      | x4                | 1.5 Volts |     |
| Kingston     | KVR1333D3D4R9S/8GI  | 8 GB | Registered | 1333 MHz | Dual   | H5TQ2G43AFR-H9C rev A | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3D4R9S/8GI  | 8 GB | Registered | 1333 MHz | Dual   | H5TQ2G43AFR-H9C rev A | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3D4R9S/8GI  | 8 GB | Registered | 1333 MHz | Dual   | H5TQ2G43BFR-H9C       | Hynix       | x4                | 1.5 Volts |     |
| Kingston     | KVR1333D3D4R9S-4GED | 4 GB | Registered | 1333 MHz | Dual   | EDJ1104BDSE-DJ-F      | Elpida      | x4                | 1.5 Volts |     |
| Kingston     | KVR1333D3D4R9S-4GED | 4 GB | Registered | 1333 MHz | Dual   | EDJ1104BDSE-DJ-F      | Elpida      | x4                | 1.5 Volts |     |

| Manufacturer | Model Number        | Size | Type       | Speed    | Rank | DRAM Part Number          | DRAM Vendor | DRAM Organization | Voltage   | EOL |
|--------------|---------------------|------|------------|----------|------|---------------------------|-------------|-------------------|-----------|-----|
| Kingston     | KVR1333D3D8R9S/2GI  | 2 GB | Registered | 1333 MHz | Dual | EDJ1108BASE-DJ-E          | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3D8R9S/2GI  | 2 GB | Registered | 1333 MHz | Dual | EDJ1108BASE-DJ-E          | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3D8R9S/2GI  | 2 GB | Registered | 1333 MHz | Dual | H5TQ1G83BFR-H9C           | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3D8R9S/2GI  | 2 GB | Registered | 1333 MHz | Dual | H5TQ1G83BFR-H9C           | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3D8R9S/2GI  | 2 GB | Registered | 1333 MHz | Dual | H5TQ1G83TFR-H9C rev T     | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3D8R9S/2GI  | 2 GB | Registered | 1333 MHz | Dual | H5TQ1G83TFR-H9C rev T     | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3D8R9S/2GI  | 2 GB | Registered | 1333 MHz | Dual | IDSH1G-03A1F1C-13H rev A1 | Qimonda     | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3D8R9S/2GI  | 2 GB | Registered | 1333 MHz | Dual | IDSH1G-03A1F1C-13H rev A1 | Qimonda     | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3D8R9S/2GI  | 2 GB | Registered | 1333 MHz | Dual | IDSH1G-03A1F1C-13H        | Qimonda     | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3D8R9S/2GI  | 2 GB | Registered | 1333 MHz | Dual | IDSH1G-03A1F1C-13H        | Qimonda     | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3D8R9S/4GI  | 4 GB | Registered | 1333 MHz | Dual | EDJ2108ECSE-DJ-F          | Elpida      | x8                | 1.5 Volts |     |
| Kingston     | KVR1333D3D8R9S/4GI  | 4 GB | Registered | 1333 MHz | Dual | H5TQ2G83BFR-H9C           | Hynix       | x8                | 1.5 Volts |     |
| Kingston     | KVR1333D3D8R9S/4GI  | 4 GB | Registered | 1333 MHz | Dual | H5TQ2G83BFR-H9C           | Hynix       | x8                | 1.5 Volts |     |
| Kingston     | KVR1333D3D8R9S-4GHB | 4 GB | Registered | 1333 MHz | Dual | H5TQ2G83BFR-H9C           | Hynix       | x8                | 1.5 Volts |     |
| Kingston     | KVR1333D3D8R9S-4GHB | 4 GB | Registered | 1333 MHz | Dual | H5TQ2G83BFR-H9C           | Hynix       | x8                | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/2GI    | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ1108BABG-DJ-E rev A    | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/2GI    | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ1108BABG-DJ-E rev A    | Elpida      | N/A               | 1.5 Volts |     |

| Manufacturer | Model Number     | Size | Type       | Speed    | Rank | DRAM Part Number      | DRAM Vendor | DRAM Organization | Voltage   | EOL |
|--------------|------------------|------|------------|----------|------|-----------------------|-------------|-------------------|-----------|-----|
| Kingston     | KVR1333D3E9S/2GI | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ1108BABG-DJ-E      | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/2GI | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ1108BABG-DJ-E      | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/2GI | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ1108BDBG-DJ-F      | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/2GI | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ1108BDBG-DJ-F      | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/2GI | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ1108BDSE-DJ-F      | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/2GI | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ1108BDSE-DJ-F      | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/2GI | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ1108BFBG-DJ-F      | Elpida      | x8                | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/2GI | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ1108BFBG-DJ-F      | Elpida      | x8                | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/2GI | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ1108BFSE-DJ-F      | Elpida      | x8                | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/2GI | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ1108BFSE-DJ-F      | Elpida      | x8                | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/2GI | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ1108BFSE-DJ-F      | Elpida      | x8                | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/2GI | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ1108BFSE-DJ-F      | Elpida      | x8                | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/2GI | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ2108ECSE-DJ-F      | Elpida      | x8                | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/2GI | 2 GB | Unbuffered | 1333 MHz | Dual | H5TQ2G83BFR-H9C       | Hynix       | x8                | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/2GI | 2 GB | Unbuffered | 1333 MHz | Dual | H5TQ2G83BFR-H9C       | Hynix       | x8                | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/4GI | 4 GB | Unbuffered | 1333 MHz | Dual | EDJ2108ECSE-DJ-F      | Elpida      | x8                | 1.5 Volts |     |
| Kingston     | KVR1333D3E9S/4GI | 4 GB | Unbuffered | 1333 MHz | Dual | H5TQ2G83BFR-H9C rev B | Hynix       | x8                | 1.5 Volts |     |

| Manufacturer | Model Number        | Size | Type       | Speed    | Rank   | DRAM Part Number          | DRAM Vendor | DRAM Organization | Voltage   | EOL |
|--------------|---------------------|------|------------|----------|--------|---------------------------|-------------|-------------------|-----------|-----|
| Kingston     | KVR1333D3E9S/4GI    | 4 GB | Unbuffered | 1333 MHz | Dual   | H5TQ2G83BFR-H9C           | Hynix       | x8                | 1.5 Volts |     |
| Kingston     | KVR1333D3S4R9S/2GED | 2 GB | Registered | 1333 MHz | Single | EDJ1104BDSE-DJ-F          | Elpida      | x4                | 1.5 Volts |     |
| Kingston     | KVR1333D3S4R9S/2GED | 2 GB | Registered | 1333 MHz | Single | EDJ1104BDSE-DJ-F          | Elpida      | x4                | 1.5 Volts |     |
| Kingston     | KVR1333D3S4R9S/2GI  | 2 GB | Registered | 1333 MHz | Single | EDJ1104BASE-DJ-E          | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3S4R9S/2GI  | 2 GB | Registered | 1333 MHz | Single | EDJ1104BASE-DJ-E          | Elpida      | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3S4R9S/2GI  | 2 GB | Registered | 1333 MHz | Single | EDJ1104BDSE-DJ-F          | Elpida      | x4                | 1.5 Volts |     |
| Kingston     | KVR1333D3S4R9S/2GI  | 2 GB | Registered | 1333 MHz | Single | EDJ1104BDSE-DJ-F          | Elpida      | x4                | 1.5 Volts |     |
| Kingston     | KVR1333D3S4R9S/2GI  | 2 GB | Registered | 1333 MHz | Single | EDJ1104BFSE-DJ-F          | Elpida      | x4                | 1.5 Volts |     |
| Kingston     | KVR1333D3S4R9S/2GI  | 2 GB | Registered | 1333 MHz | Single | EDJ1104BFSE-DJ-F          | Elpida      | x4                | 1.5 Volts |     |
| Kingston     | KVR1333D3S4R9S/4GI  | 4 GB | Registered | 1333 MHz | Single | H5TQ2G43BFR-H9C rev B     | Hynix       | x4                | 1.5 Volts |     |
| Kingston     | KVR1333D3S8R9S/1GI  | 1 GB | Registered | 1333 MHz | Single | H5TQ1G83BFR-H9C           | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3S8R9S/1GI  | 1 GB | Registered | 1333 MHz | Single | H5TQ1G83BFR-H9C           | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3S8R9S/1GI  | 1 GB | Registered | 1333 MHz | Single | H5TQ1G83TFR-H9C rev T     | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3S8R9S/1GI  | 1 GB | Registered | 1333 MHz | Single | H5TQ1G83TFR-H9C rev T     | Hynix       | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3S8R9S/1GI  | 1 GB | Registered | 1333 MHz | Single | IDSH1G-03A1F1C-13H rev A1 | Qimonda     | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3S8R9S/1GI  | 1 GB | Registered | 1333 MHz | Single | IDSH1G-03A1F1C-13H rev A1 | Qimonda     | N/A               | 1.5 Volts |     |
| Kingston     | KVR1333D3S8R9S/1GI  | 1 GB | Registered | 1333 MHz | Single | IDSH1G-03A1F1C-13H        | Qimonda     | N/A               | 1.5 Volts |     |

| Manufacturer            | Model Number          | Size | Type       | Speed    | Rank   | DRAM Part Number       | DRAM Vendor | DRAM Organization | Voltage   | EOL |
|-------------------------|-----------------------|------|------------|----------|--------|------------------------|-------------|-------------------|-----------|-----|
| Kingston                | KVR1333D3S8R9S/1GI    | 1 GB | Registered | 1333 MHz | Single | IDSH1G-03A1F1C-13H     | Qimonda     | N/A               | 1.5 Volts |     |
| Kingston                | KVR13E9/8I            | 8 GB | Unbuffered | 1333 MHz | Dual   | EDJ4208EFBG-GN-F rev F | Elpida      | x8                | 1.5 Volts |     |
| Kingston                | KVR13E9/8I            | 8 GB | Unbuffered | 1333 MHz | Dual   | H5TQ4G83MFR-PBC M      | Hynix       | x8                | 1.5 Volts |     |
| Kingston                | KVR13R9D4/8I          | 8 GB | Registered | 1333 MHz | Dual   | H5TQ2G43BFR-H9C        | Hynix       | x4                | 1.5 Volts |     |
| Legacy Electronics Inc. | 31RS13JNMFA0A10       | 1 GB | Registered | 1333 MHz | Single | MT41J128M8JP-15E rev F | Micron      | N/A               | 1.5 Volts |     |
| Legacy Electronics Inc. | 31RS13JNMFA0A10       | 1 GB | Registered | 1333 MHz | Single | MT41J128M8JP-15E rev F | Micron      | N/A               | 1.5 Volts |     |
| Legacy Electronics Inc. | 32RS13JNMDB0010       | 2 GB | Registered | 1333 MHz | Dual   | MT41J128M8HX15E rev D  | Micron      | N/A               | 1.5 Volts |     |
| Legacy Electronics Inc. | 32RS13JNMDB0010       | 2 GB | Registered | 1333 MHz | Dual   | MT41J128M8HX15E rev D  | Micron      | N/A               | 1.5 Volts |     |
| Legacy Electronics Inc. | 34ES13JVMDE0000       | 4 GB | Unbuffered | 1333 MHz | Dual   | MT41J256M8HX-15E rev D | Micron      | x8                | 1.5 Volts |     |
| Legacy Electronics Inc. | 34ES13JVMDE0000       | 4 GB | Unbuffered | 1333 MHz | Dual   | MT41J256M8HX-15E rev D | Micron      | x8                | 1.5 Volts |     |
| Legacy Electronics Inc. | 34RS13JRMFJ001N       | 4 GB | Registered | 1333 MHz | Dual   | MT41J256M4JP-15E rev F | Micron      | N/A               | 1.5 Volts |     |
| Legacy Electronics Inc. | 34RS13JRMFJ001N       | 4 GB | Registered | 1333 MHz | Dual   | MT41J256M4JP-15E rev F | Micron      | N/A               | 1.5 Volts |     |
| Legacy Electronics Inc. | 34RS13JRMFJ003N       | 4 GB | Registered | 1333 MHz | Dual   | MT41J256M4HX-15E rev D | Micron      | N/A               | 1.5 Volts |     |
| Legacy Electronics Inc. | 34RS13JRMFJ003N       | 4 GB | Registered | 1333 MHz | Dual   | MT41J256M4HX-15E rev D | Micron      | N/A               | 1.5 Volts |     |
| Micron                  | MT18JSF51272AZ-1G4D1  | 4 GB | Unbuffered | 1333 MHz | Dual   | MT41J256M8X-15E:D      | Micron      | x8                | 1.5 Volts |     |
| Micron                  | MT18JSF51272AZ-1G4D1  | 4 GB | Unbuffered | 1333 MHz | Dual   | MT41J256M8X-15E:D      | Micron      | x8                | 1.5 Volts |     |
| Micron                  | MT18JSF51272PDZ-1G4D1 | 4 GB | Registered | 1333 MHz | Dual   | MT41J256M8HX-15E:D     | Micron      | x8                | 1.5 Volts |     |

| Manufacturer | Model Number           | Size | Type       | Speed    | Rank   | DRAM Part Number    | DRAM Vendor | DRAM Organization | Voltage    | EOL |
|--------------|------------------------|------|------------|----------|--------|---------------------|-------------|-------------------|------------|-----|
| Micron       | MT18JSF51272PDZ-1G4D1  | 4 GB | Registered | 1333 MHz | Dual   | MT41J256M8HX-15E:D  | Micron      | x8                | 1.5 Volts  |     |
| Micron       | MT18JSF51272PZ-1G4D1   | 4 GB | Registered | 1333 MHz | Single | MT41J512M4HX-15E:D  | Micron      | x4                | 1.5 Volts  |     |
| Micron       | MT18JSF51272PZ-1G4D1   | 4 GB | Registered | 1333 MHz | Single | MT41J512M4HX-15E:D  | Micron      | x4                | 1.5 Volts  |     |
| Micron       | MT18KSF25672PDZ-1G4F1  | 2 GB | Registered | 1333 MHz | Dual   | MT41K128M8JP-15E:F  | Micron      | N/A               | 1.35 Volts |     |
| Micron       | MT18KSF25672PDZ-1G4F1  | 2 GB | Registered | 1333 MHz | Dual   | MT41K128M8JP-15E:F  | Micron      | N/A               | 1.35 Volts |     |
| Micron       | MT18KSF51272PZ-1G4D1   | 4 GB | Registered | 1333 MHz | Single | MT41K512M4HX-15E:D  | Micron      | x4                | 1.35 Volts |     |
| Micron       | MT18KSF51272PZ-1G4D1   | 4 GB | Registered | 1333 MHz | Single | MT41K512M4HX-15E:D  | Micron      | x4                | 1.35 Volts |     |
| Micron       | MT36JSZF1G72PZ-1G4D1   | 8 GB | Registered | 1333 MHz | Dual   | MT41J512M4HX-15E:D  | Micron      | x4                | 1.5 Volts  |     |
| Micron       | MT36JSZF1G72PZ-1G4D1   | 8 GB | Registered | 1333 MHz | Dual   | MT41J512M4HX-15E:D  | Micron      | x4                | 1.5 Volts  |     |
| Micron       | MT36JSZF51272PDZ-1G1F1 | 4 GB | Registered | 1066 MHz | Quad   | N/A                 | Micron      | N/A               | 1.5 Volts  |     |
| Micron       | MT36KSZF51272PDZ-1G1F1 | 4 GB | Registered | 1066 MHz | Quad   | MT41J128M8JP-15E:F  | Micron      | N/A               | 1.35 Volts |     |
| Micron       | MT36KSZF51272PDZ-1G1F1 | 4 GB | Registered | 1066 MHz | Quad   | MT41J128M8JP-15E:F  | Micron      | N/A               | 1.35 Volts |     |
| Micron       | MT72JSZS1G72PY-1G1D1   | 8 GB | Registered | 1066 MHz | Quad   | MT41J512M4JE-187E:F | Micron      | N/A               | 1.5 Volts  |     |
| Micron       | MT9JSF12872AZ-1G4F1    | 1 GB | Unbuffered | 1333 MHz | Single | MT41J128M8JP-15E:F  | Micron      | N/A               | 1.5 Volts  |     |
| Micron       | MT9JSF25672AZ-1G4D1    | 2 GB | Unbuffered | 1333 MHz | Dual   | MT41J256M8HX-15E:D  | Micron      | x8                | 1.5 Volts  |     |
| Micron       | MT9JSF25672AZ-1G4D1    | 2 GB | Unbuffered | 1333 MHz | Dual   | MT41J256M8HX-15E:D  | Micron      | x8                | 1.5 Volts  |     |
| Micron       | MT9JSF25672PZ-1G4D1    | 2 GB | Registered | 1333 MHz | Single | MT41J256M8HX-15E:D  | Micron      | x8                | 1.5 Volts  |     |

| Manufacturer | Model Number          | Size | Type       | Speed    | Rank   | DRAM Part Number      | DRAM Vendor | DRAM Organization | Voltage    | EOL |
|--------------|-----------------------|------|------------|----------|--------|-----------------------|-------------|-------------------|------------|-----|
| Micron       | MT9JSF25672PZ-1G4D1   | 2 GB | Registered | 1333 MHz | Single | MT41J256M8HX-15E:D    | Micron      | x8                | 1.5 Volts  |     |
| Micron       | MT9KSF25672PZ-1G4D1   | 2 GB | Registered | 1333 MHz | Single | MT41K256M8HX-15E:D    | Micron      | x8                | 1.35 Volts |     |
| Micron       | MT9KSF25672PZ-1G4D1   | 2 GB | Registered | 1333 MHz | Single | MT41K256M8HX-15E:D    | Micron      | x8                | 1.35 Volts |     |
| Nanya        | NT4GC72B8PB0NL-CG     | 4 GB | Registered | 1333 MHz | Dual   | NT5CB256M8BN-CG       | Nanya       | x8                | 1.5 Volts  |     |
| Netlist Inc. | NLD1G7T35103HD10P1 SC | 8 GB | Registered | 1333 MHz | Dual   | K4B2G0446C-HCH9 rev C | Samsung     | x4                | 1.5 Volts  |     |
| Netlist Inc. | NLD1G7T35103HD10P1 SC | 8 GB | Registered | 1333 MHz | Dual   | K4B2G0446C-HCH9 rev C | Samsung     | x4                | 1.5 Volts  |     |
| Samsung      | M391B5673FH0-CF8      | 2 GB | Unbuffered | 1066 MHz | Dual   | K4B1G0846F-HCF8       | Samsung     | x8                | 1.5 Volts  |     |
| Samsung      | M391B5673FH0-CF8      | 2 GB | Unbuffered | 1066 MHz | Dual   | K4B1G0846F-HCF8       | Samsung     | x8                | 1.5 Volts  |     |
| Samsung      | M391B5673FH0-CH9      | 2 GB | Unbuffered | 1333 MHz | Dual   | K4B1G0846F-HCH9       | Samsung     | x8                | 1.5 Volts  |     |
| Samsung      | M391B5673FH0-CH9      | 2 GB | Unbuffered | 1333 MHz | Dual   | K4B1G0846F-HCH9       | Samsung     | x8                | 1.5 Volts  |     |
| Samsung      | M391B5673FH0-YF8      | 2 GB | Unbuffered | 1066 MHz | Dual   | K4B1G0846F-HYF8       | Samsung     | x8                | 1.35 Volts |     |
| Samsung      | M391B5673FH0-YF8      | 2 GB | Unbuffered | 1066 MHz | Dual   | K4B1G0846F-HYF8       | Samsung     | x8                | 1.35 Volts |     |
| Samsung      | M391B5673FH0-YH9      | 2 GB | Unbuffered | 1333 MHz | Dual   | K4B1G0846F-HYH9       | Samsung     | N/A               | 1.35 Volts |     |
| Samsung      | M391B5673FH0-YH9      | 2 GB | Unbuffered | 1333 MHz | Dual   | K4B1G0846F-HYH9       | Samsung     | N/A               | 1.35 Volts |     |
| Samsung      | M393B1G70DJ1-CF8      | 8 GB | Registered | 1066 MHz | Quad   | K4B2G0446D-MCF8       | Samsung     | N/A               | 1.5 Volts  |     |
| Samsung      | M393B1K70BH1-CH9      | 8 GB | Registered | 1333 MHz | Dual   | K4B2G0446B-HCH9       | Samsung     | N/A               | 1.5 Volts  |     |
| Samsung      | M393B1K70CH0-CF8      | 8 GB | Registered | 1066 MHz | Dual   | K4B2G0446C-HCF8       | Samsung     | x4                | 1.5 Volts  |     |



| Manufacturer | Model Number     | Size | Type       | Speed    | Rank   | DRAM Part Number | DRAM Vendor | DRAM Organization | Voltage    | EOL |
|--------------|------------------|------|------------|----------|--------|------------------|-------------|-------------------|------------|-----|
| Samsung      | M393B1K70CH0-CF8 | 8 GB | Registered | 1066 MHz | Dual   | K4B2G0446C-HCF8  | Samsung     | x4                | 1.5 Volts  |     |
| Samsung      | M393B1K70CH0-YF8 | 8 GB | Registered | 1066 MHz | Dual   | K4B2G0446C-HYF8  | Samsung     | x4                | 1.35 Volts |     |
| Samsung      | M393B1K70CH0-YF8 | 8 GB | Registered | 1066 MHz | Dual   | K4B2G0446C-HYF8  | Samsung     | x4                | 1.35 Volts |     |
| Samsung      | M393B1K70CH0-YH9 | 8 GB | Registered | 1333 MHz | Dual   | K4B2G0446C-HYH9  | Samsung     | N/A               | 1.35 Volts |     |
| Samsung      | M393B1K70CH0-YH9 | 8 GB | Registered | 1333 MHz | Dual   | K4B2G0446C-HYH9  | Samsung     | N/A               | 1.35 Volts |     |
| Samsung      | M393B2873EH1-CF8 | 1 GB | Registered | 1066 MHz | Single | K4B1G0846E-HCF8  | Samsung     | N/A               | 1.5 Volts  |     |
| Samsung      | M393B2873EH1-CH9 | 1 GB | Registered | 1333 MHz | Single | K4B1G0846E-HCH9  | Samsung     | N/A               | 1.5 Volts  |     |
| Samsung      | M393B2873FH0-CF8 | 1 GB | Registered | 1066 MHz | Single | K4B1G0846F-HCF8  | Samsung     | x8                | 1.5 Volts  |     |
| Samsung      | M393B2873FH0-CF8 | 1 GB | Registered | 1066 MHz | Single | K4B1G0846F-HCF8  | Samsung     | x8                | 1.5 Volts  |     |
| Samsung      | M393B2873FH0-CH9 | 1 GB | Registered | 1333 MHz | Single | K4B1G0846F-HCH9  | Samsung     | x8                | 1.5 Volts  |     |
| Samsung      | M393B2873FH0-CH9 | 1 GB | Registered | 1333 MHz | Single | K4B1G0846F-HCH9  | Samsung     | x8                | 1.5 Volts  |     |
| Samsung      | M393B2873FH0-YF8 | 1 GB | Registered | 1066 MHz | Single | K4B1G0846F-HYF8  | Samsung     | x8                | 1.35 Volts |     |
| Samsung      | M393B2873FH0-YF8 | 1 GB | Registered | 1066 MHz | Single | K4B1G0846F-HYF8  | Samsung     | x8                | 1.35 Volts |     |
| Samsung      | M393B2873FH0-YH9 | 1 GB | Registered | 1333 MHz | Single | K4B1G0846F-HYH9  | Samsung     | x8                | 1.35 Volts |     |
| Samsung      | M393B2873FH0-YH9 | 1 GB | Registered | 1333 MHz | Single | K4B1G0846F-HYH9  | Samsung     | x8                | 1.35 Volts |     |
| Samsung      | M393B5170EH1-CF8 | 4 GB | Registered | 1066 MHz | Dual   | K4B1G0446E-HCF8  | Samsung     | N/A               | 1.5 Volts  |     |
| Samsung      | M393B5170EH1-CH9 | 4 GB | Registered | 1333 MHz | Dual   | K4B1G0446E-HCH9  | Samsung     | N/A               | 1.5 Volts  |     |

| Manufacturer | Model Number     | Size | Type       | Speed    | Rank   | DRAM Part Number | DRAM Vendor | DRAM Organization | Voltage    | EOL |
|--------------|------------------|------|------------|----------|--------|------------------|-------------|-------------------|------------|-----|
| Samsung      | M393B5170FH0-CF8 | 4 GB | Registered | 1066 MHz | Dual   | K4B1G0446F-HCF8  | Samsung     | x4                | 1.5 Volts  |     |
| Samsung      | M393B5170FH0-CF8 | 4 GB | Registered | 1066 MHz | Dual   | K4B1G0446F-HCF8  | Samsung     | x4                | 1.5 Volts  |     |
| Samsung      | M393B5170FH0-CH9 | 4 GB | Registered | 1333 MHz | Dual   | K4B1G0446F-HCH9  | Samsung     | x4                | 1.5 Volts  |     |
| Samsung      | M393B5170FH0-CH9 | 4 GB | Registered | 1333 MHz | Dual   | K4B1G0446F-HCH9  | Samsung     | x4                | 1.5 Volts  |     |
| Samsung      | M393B5170FH0-YF8 | 4 GB | Registered | 1066 MHz | Dual   | K4B1G0446F-HYF8  | Samsung     | x4                | 1.35 Volts |     |
| Samsung      | M393B5170FH0-YF8 | 4 GB | Registered | 1066 MHz | Dual   | K4B1G0446F-HYF8  | Samsung     | x4                | 1.35 Volts |     |
| Samsung      | M393B5170FH0-YH9 | 4 GB | Registered | 1333 MHz | Dual   | K4B1G0446F-HYH9  | Samsung     | N/A               | 1.35 Volts |     |
| Samsung      | M393B5170FH0-YH9 | 4 GB | Registered | 1333 MHz | Dual   | K4B1G0446F-HYH9  | Samsung     | N/A               | 1.35 Volts |     |
| Samsung      | M393B5173EH1-CF8 | 4 GB | Registered | 1066 MHz | Quad   | K4B1G0846E-HCF8  | Samsung     | N/A               | 1.5 Volts  |     |
| Samsung      | M393B5173FH0-YF8 | 4 GB | Registered | 1066 MHz | Quad   | K4B1G0846F-HYF8  | Samsung     | N/A               | 1.35 Volts |     |
| Samsung      | M393B5173FH0-YF8 | 4 GB | Registered | 1066 MHz | Quad   | K4B1G0846F-HYF8  | Samsung     | N/A               | 1.35 Volts |     |
| Samsung      | M393B5670EH1-CF8 | 2 GB | Registered | 1066 MHz | Single | K4B1G0446E-HCF8  | Samsung     | N/A               | 1.5 Volts  |     |
| Samsung      | M393B5670EH1-CH9 | 2 GB | Registered | 1333 MHz | Single | K4B1G0446E-HCH9  | Samsung     | N/A               | 1.5 Volts  |     |
| Samsung      | M393B5670FH0-CF8 | 2 GB | Registered | 1066 MHz | Single | K4B1G0446F-HCF8  | Samsung     | x4                | 1.5 Volts  |     |
| Samsung      | M393B5670FH0-CF8 | 2 GB | Registered | 1066 MHz | Single | K4B1G0446F-HCF8  | Samsung     | x4                | 1.5 Volts  |     |
| Samsung      | M393B5670FH0-CH9 | 2 GB | Registered | 1333 MHz | Single | K4B1G0446F-HCH9  | Samsung     | x4                | 1.5 Volts  |     |
| Samsung      | M393B5670FH0-CH9 | 2 GB | Registered | 1333 MHz | Single | K4B1G0446F-HCH9  | Samsung     | x4                | 1.5 Volts  |     |

| Manufacturer | Model Number     | Size | Type       | Speed    | Rank   | DRAM Part Number | DRAM Vendor | DRAM Organization | Voltage    | EOL |
|--------------|------------------|------|------------|----------|--------|------------------|-------------|-------------------|------------|-----|
| Samsung      | M393B5670FH0-YF8 | 2 GB | Registered | 1066 MHz | Single | K4B1G0446F-HYF8  | Samsung     | x4                | 1.35 Volts |     |
| Samsung      | M393B5670FH0-YF8 | 2 GB | Registered | 1066 MHz | Single | K4B1G0446F-HYF8  | Samsung     | x4                | 1.35 Volts |     |
| Samsung      | M393B5670FH0-YH9 | 2 GB | Registered | 1333 MHz | Single | K4B1G0446F-HYH9  | Samsung     | N/A               | 1.35 Volts |     |
| Samsung      | M393B5670FH0-YH9 | 2 GB | Registered | 1333 MHz | Single | K4B1G0446F-HYH9  | Samsung     | N/A               | 1.35 Volts |     |
| Samsung      | M393B5673EH1-CF8 | 2 GB | Registered | 1066 MHz | Dual   | K4B1G0846E-HCF8  | Samsung     | N/A               | 1.5 Volts  |     |
| Samsung      | M393B5673EH1-CH9 | 2 GB | Registered | 1333 MHz | Dual   | K4B1G0846E-HCH9  | Samsung     | N/A               | 1.5 Volts  |     |
| Samsung      | M393B5673FH0-CH9 | 2 GB | Registered | 1333 MHz | Dual   | K4B1G0846F-HCH9  | Samsung     | x8                | 1.5 Volts  |     |
| Samsung      | M393B5673FH0-CH9 | 2 GB | Registered | 1333 MHz | Dual   | K4B1G0846F-HCH9  | Samsung     | x8                | 1.5 Volts  |     |
| Samsung      | M393B5673FH0-YH9 | 2 GB | Registered | 1333 MHz | Dual   | K4B1G0846F-HYH9  | Samsung     | x8                | 1.35 Volts |     |
| Samsung      | M393B5673FH0-YH9 | 2 GB | Registered | 1333 MHz | Dual   | K4B1G0846F-HYH9  | Samsung     | x8                | 1.35 Volts |     |
| SK Hynix     | HMT112R7BFR8C-H9 | 1 GB | Registered | 1333 MHz | Single | H5TQ1G83BFR-H9   | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT112R7TFR8A-G7 | 1 GB | Registered | 1066 MHz | Single | H5TC1G83TFR-G7A  | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT112R7TFR8A-H9 | 1 GB | Registered | 1333 MHz | Single | H5TC1G83TFR-H9A  | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT112R7TFR8C-G7 | 1 GB | Registered | 1066 MHz | Single | H5TQ1G83TFR-G7C  | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT112U7TFR8A-G7 | 1 GB | Unbuffered | 1066 MHz | Single | H5TC1G83TFR-G7A  | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT112U7TFR8A-H9 | 2 GB | Unbuffered | 1333 MHz | Single | H5TC1G83TFR-H9A  | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT112U7TFR8C-G7 | 1 GB | Unbuffered | 1066 MHz | Single | H5TQ1G83TFR-G7C  | SK Hynix    | N/A               | 1.5 Volts  |     |

| Manufacturer | Model Number     | Size | Type       | Speed    | Rank   | DRAM Part Number   | DRAM Vendor | DRAM Organization | Voltage    | EOL |
|--------------|------------------|------|------------|----------|--------|--------------------|-------------|-------------------|------------|-----|
| SK Hynix     | HMT112U7TFR8C-H9 | 1 GB | Unbuffered | 1333 MHz | Single | H5TQ1G83TFR-H9C    | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT125R7BFR8C-G7 | 2 GB | Registered | 1066 MHz | Dual   | H5TQ1G83BFR-G7C    | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT125R7BFR8C-H9 | 2 GB | Registered | 1333 MHz | Dual   | H5TQ1G83BFR-H9     | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT125R7TFR4A-G7 | 2 GB | Registered | 1066 MHz | Single | SK H5TC1G43TFR-G7A | Hynix       | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT125R7TFR4A-H9 | 2 GB | Registered | 1333 MHz | Single | H5TC1G43TFR-H9A    | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT125R7TFR4C-G7 | 2 GB | Registered | 1066 MHz | Single | H5TQ1G43TFR-G7C    | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT125R7TFR8A-G7 | 2 GB | Registered | 1066 MHz | Dual   | H5TC1G83TFR-G7A    | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT125R7TFR8A-H9 | 2 GB | Registered | 1333 MHz | Dual   | H5TC1G83TFR-H9A    | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT125R7TFR8C-G7 | 2 GB | Registered | 1066 MHz | Dual   | H5TQ1G83TFR-G7C    | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT125U7TFR8A-G7 | 2 GB | Unbuffered | 1066 MHz | Dual   | H5TC1G83TFR-G7A    | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT125U7TFR8A-H9 | 2 GB | Unbuffered | 1333 MHz | Dual   | H5TC1G83TFR-H9A    | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT125U7TFR8C-G7 | 2 GB | Unbuffered | 1066 MHz | Dual   | H5TQ1G83TFR-G7C    | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT151R7AFP8C-G7 | 4 GB | Registered | 1066 MHz | Quad   | H5TQ1G83AFP-G7C    | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT151R7BFR4A-H9 | 4 GB | Registered | 1333 MHz | Dual   | N/A                | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT151R7BFR4C-G7 | 4 GB | Registered | 1066 MHz | Dual   | H5TQ1G43BFR-G7     | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT151R7BFR8C-G7 | 4 GB | Registered | 1066 MHz | Quad   | H5TQ1G83BFR-G7     | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT151R7TFR4A-G7 | 4 GB | Registered | 1066 MHz | Dual   | H5TC1G43TFR-G7A    | SK Hynix    | N/A               | 1.35 Volts |     |

| Manufacturer | Model Number       | Size | Type       | Speed    | Rank | DRAM Part Number | DRAM Vendor | DRAM Organization | Voltage    | EOL |
|--------------|--------------------|------|------------|----------|------|------------------|-------------|-------------------|------------|-----|
| SK Hynix     | HMT151R7TFR4A-H9   | 4 GB | Registered | 1333 MHz | Dual | H5TC1G43TFR-H9A  | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT151R7TFR4C-G7   | 4 GB | Registered | 1066 MHz | Dual | H5TQ1G43TFR-G7C  | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT151R7TFR8A-G7   | 4 GB | Registered | 1066 MHz | Quad | H5TC1G83TFR-G7A  | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT151R7TFR8C-G7   | 4 GB | Registered | 1066 MHz | Quad | H5TQ1G83TFR-G7C  | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT31GR7AFR4A-G7   | 8 GB | Registered | 1066 MHz | Dual | H5TC2G43AFR-G7A  | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT31GR7AFR4A-H9   | 8 GB | Registered | 1333 MHz | Dual | H5TQ2G43AFR-H9   | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT31GR7AFR8A-G7   | 8 GB | Registered | 1066 MHz | Quad | H5TC2G83AFR-G7A  | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT31GR7AFR8C-G7   | 8 GB | Registered | 1066 MHz | Quad | H5TQ2G83AFR-G7   | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT31GR7AMP4C-G7   | 8 GB | Registered | 1066 MHz | Quad | H5TQ2G43AMP-G7C  | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT31GR7BFR4A-H9   | 8 GB | Registered | 1333 MHz | Dual | H5TC2G43BFR-H9A  | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT31GR7BFR4C-H9   | 8 GB | Registered | 1333 MHz | Dual | H5TQ2G43BFR-H9C  | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT31GR7BFR8A-G7   | 8 GB | Registered | 1066 MHz | Quad | H5TC2G83BFR-G7A  | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT31GR7BFR8C-G7   | 8 GB | Registered | 1066 MHz | Quad | H5TQ2G83BFR-G7C  | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT351R7AFR8A-G7   | 4 GB | Registered | 1066 MHz | Dual | H5TC2G83AFR-G7A  | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT351R7AFR8A-H9   | 4 GB | Registered | 1333 MHz | Dual | H5TC2G83AFA-H9A  | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix     | HMT351R7AFR8C-G7TB | 4 GB | Registered | 1066 MHz | Dual | H5TQ2G83AFR-G7   | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix     | HMT351R7AFR8C-H9   | 4 GB | Registered | 1333 MHz | Dual | H5TQ2G83AFR-H9   | SK Hynix    | N/A               | 1.5 Volts  |     |

| Manufacturer               | Model Number       | Size | Type       | Speed    | Rank | DRAM Part Number      | DRAM Vendor | DRAM Organization | Voltage    | EOL |
|----------------------------|--------------------|------|------------|----------|------|-----------------------|-------------|-------------------|------------|-----|
| SK Hynix                   | HMT351R7BFR8A-H9   | 4 GB | Registered | 1333 MHz | Dual | H5TC2G83BFR-H9A       | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix                   | HMT351R7BFR8C-H9   | 4 GB | Registered | 1333 MHz | Dual | H5TQ2G83BFR-H9C       | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix                   | HMT351U7AFR8A-G7   | 4 GB | Unbuffered | 1066 MHz | Dual | H5TC2G83AFR-G7A       | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix                   | HMT351U7AFR8A-H9   | 4 GB | Unbuffered | 1333 MHz | Dual | H5TC2G83AFR-H9A       | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix                   | HMT351U7AFR8C-G7   | 4 GB | Unbuffered | 1066 MHz | Dual | H5TQ2G83AFR-G7C       | SK Hynix    | N/A               | 1.5 Volts  |     |
| SK Hynix                   | HMT351U7AFR8C-H9   | 4 GB | Unbuffered | 1333 MHz | Dual | H5TQ2G83AFR-H9C       | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix                   | HMT351U7BFR8A-H9   | 4 GB | Unbuffered | 1333 MHz | Dual | H5TC2G83BFR-H9A       | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix                   | HMT351U7BFR8C-H9   | 4 GB | Unbuffered | 1333 MHz | Dual | H5TQ2G83BFR-H9C       | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix                   | HMT42GR7BMR4A-G7   | 1 GB | Registered | 1066 MHz | Quad | H5TC4G43BMR-G7A       | SK Hynix    | N/A               | 1.35 Volts |     |
| SK Hynix                   | HMT42GR7BMR4C-G7   | 1 GB | Registered | 1066 MHz | Quad | H5TQ4G43BMR-G7C       | SK Hynix    | N/A               | 1.5 Volts  |     |
| Smart Modular Technologies | SG2567RD312893-HAD | 2 GB | Registered | 1333 MHz | Dual | H5TQ1G83AFP-H9C rev A | Hynix       | N/A               | 1.5 Volts  |     |
| Smart Modular Technologies | SG2567RD312893-HAD | 2 GB | Registered | 1333 MHz | Dual | H5TQ1G83AFP-H9C rev A | Hynix       | N/A               | 1.5 Volts  |     |
| Smart Modular Technologies | SG2567RD312893-HBD | 2 GB | Registered | 1333 MHz | Dual | H5TQ1G83BFR-H9C rev B | Hynix       | N/A               | 1.5 Volts  |     |
| Smart Modular Technologies | SG2567RD312893-HBD | 2 GB | Registered | 1333 MHz | Dual | H5TQ1G83BFR-H9C rev B | Hynix       | N/A               | 1.5 Volts  |     |
| Smart Modular Technologies | SG2567RD312893SED  | 2 GB | Registered | 1333 MHz | Dual | K4B1G0846E-HCH9 rev E | Samsung     | N/A               | 1.5 Volts  |     |
| Smart Modular Technologies | SG2567RD312893SED  | 2 GB | Registered | 1333 MHz | Dual | K4B1G0846E-HCH9 rev E | Samsung     | N/A               | 1.5 Volts  |     |
| Smart Modular Technologies | SG2567UD312893-HAT | 2 GB | Unbuffered | 1333 MHz | Dual | H5TQ1G83AFP-H9C rev A | Hynix       | N/A               | 1.5 Volts  |     |

| Manufacturer               | Model Number         | Size | Type       | Speed    | Rank | DRAM Part Number       | DRAM Vendor | DRAM Organization | Voltage   | EOL |
|----------------------------|----------------------|------|------------|----------|------|------------------------|-------------|-------------------|-----------|-----|
| Smart Modular Technologies | SG2567UD312893-HAT   | 2 GB | Unbuffered | 1333 MHz | Dual | H5TQ1G83AFP-H9C rev A  | Hynix       | N/A               | 1.5 Volts |     |
| Smart Modular Technologies | SG5127RD312893SDD    | 4 GB | Registered | 1333 MHz | Quad | K4B1G0846D-HCH9 rev D  | Samsung     | N/A               | 1.5 Volts |     |
| Smart Modular Technologies | SG5127RD312893SDD    | 4 GB | Registered | 1333 MHz | Quad | K4B1G0846D-HCH9 rev D  | Samsung     | N/A               | 1.5 Volts |     |
| Smart Modular Technologies | SG5127RD325693-HAD   | 4 GB | Registered | 1333 MHz | Dual | H5TQ1G43AFP-H9C rev A  | Hynix       | N/A               | 1.5 Volts |     |
| Smart Modular Technologies | SG5127RD325693-HAD   | 4 GB | Registered | 1333 MHz | Dual | H5TQ1G43AFP-H9C rev A  | Hynix       | N/A               | 1.5 Volts |     |
| Smart Modular Technologies | SG5127RD325693-HB    | 4 GB | Registered | 1333 MHz | Dual | H5TQ1G43BFR-H9C rev B  | Hynix       | N/A               | 1.5 Volts |     |
| Smart Modular Technologies | SG5127RD325693-HB    | 4 GB | Registered | 1333 MHz | Dual | H5TQ1G43BFR-H9C rev B  | Hynix       | N/A               | 1.5 Volts |     |
| Smart Modular Technologies | SG5127RD325693SDD    | 4 GB | Registered | 1333 MHz | Dual | K4B1G0446D-HCH9 rev D  | Samsung     | N/A               | 1.5 Volts |     |
| Smart Modular Technologies | SG5127RD325693SDD    | 4 GB | Registered | 1333 MHz | Dual | K4B1G0446D-HCH9 rev D  | Samsung     | N/A               | 1.5 Volts |     |
| Smart Modular Technologies | SG5127RD325693-SDI   | 4 GB | Registered | 1333 MHz | Dual | K4B1G0446D-HCH9 rev D  | Samsung     | N/A               | 1.5 Volts |     |
| Smart Modular Technologies | SG5127RD325693-SDI   | 4 GB | Registered | 1333 MHz | Dual | K4B1G0446D-HCH9 rev D  | Samsung     | N/A               | 1.5 Volts |     |
| Swissbit                   | MGU02G72G1BA2EP-CCRT | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ1108BABG-DJ-E rev A | Elpida      | N/A               | 1.5 Volts |     |
| Swissbit                   | MGU02G72G1BA2EP-CCRT | 2 GB | Unbuffered | 1333 MHz | Dual | EDJ1108BABG-DJ-E rev A | Elpida      | N/A               | 1.5 Volts |     |

## Network Adapters

| Manufacturer      | Model Name  | Model Number    | Interface | Description | EOL |
|-------------------|---|-----------------|-----------|-------------|-----|
| Intel Corporation | Intel® 10 Gigabit CX4 Dual Port Server Adapter          | EXPX9502CX4     |           |             |     |
| Intel Corporation | Intel® 10 Gigabit CX4 Dual Port Server Adapter          | EXPX9502CX4G1P5 |           |             |     |
| Intel Corporation | Intel® Gigabit EF Dual Port Server Adapter              | E1G42EF         |           |             |     |
| Intel Corporation | Intel® Gigabit EF Dual Port Server Adapter              | E1G42EFBLK      |           |             |     |
| Intel Corporation | Intel® Gigabit EF Dual Port Server Adapter              | E1G42EFG1P20    |           |             |     |
| Intel Corporation | Intel® Gigabit ET Dual Port Server Adapter              | E1G42ET         |           |             |     |
| Intel Corporation | Intel® Gigabit ET Dual Port Server Adapter              | E1G42ETBLK      |           |             |     |
| Intel Corporation | Intel® Gigabit ET Dual Port Server Adapter              | E1G42ETG1P20    |           |             |     |
| Intel Corporation | Intel® PRO/1000 PF Dual Port Server Adapter             | EXPI9402PF      |           |             |     |
| Intel Corporation | Intel® PRO/1000 PF Dual Port Server Adapter             | EXPI9402PFBLK   |           |             |     |
| Intel Corporation | Intel® PRO/1000 PF Dual Port Server Adapter             | EXPI9402PFG2P20 |           |             |     |
| Intel Corporation | Intel® PRO/1000 PT Dual Port Server Adapter             | EXPI9402PT      |           |             |     |
| Intel Corporation | Intel® PRO/1000 PT Dual Port Server Adapter             | EXPI9402PTBLK   |           |             |     |
| Intel Corporation | Intel® PRO/1000 PT Dual Port Server Adapter             | EXPI9402PTG2L20 |           |             |     |
| Intel Corporation | Intel® PRO/1000 PT Dual Port Server Adapter             | EXPI9402PTG2P20 |           |             |     |
| Intel Corporation | Intel® PRO/1000 PT Quad Port Low Profile Server Adapter | EXPI9404PTG2L20 |           |             |     |
| Intel Corporation | Intel® PRO/1000 PT Quad Port Low Profile Server Adapter | EXPI9404PTL     |           |             |     |
| Intel Corporation | Intel® PRO/1000 PT Quad Port Low Profile Server Adapter | EXPI9404PTLBLK  |           |             |     |
| Intel Corporation | Intel® PRO/1000 PT Quad Port Low Profile Server Adapter | EXPI9404PTLSP20 |           |             |     |



## Network IO Modules

| Manufacturer      | Model Name  | Model Number | Interface | Description   | EOL |
|-------------------|---|--------------|-----------|---|-----|
| Intel Corporation | Dual Port 10 Gigabit Ethernet I/O Expansion Module AXX10GBIOMOD | AXX10GBIOMOD |           | 2 port, CX4, 10GbE I/O Expansion Module. Intel 82598. PCIe* 2.0 (2.5Gbs)  |     |
| Intel Corporation | Quad Port Gigabit Ethernet I/O Expansion Module AXX4GBIOMOD2    | AXX4GBIOMOD2 |           | 4 port, RJ-45, 1GbE I/O Expansion Module. Intel 82576. PCIe* 2.0 (2.5Gbs) |     |

## RAID IO Module

| Manufacturer      | Model Name  | Model Number | Interface                | Description  | EOL |
|-------------------|---|--------------|--------------------------|--|-----|
| Intel Corporation | Integrated RAID I/O Expansion Module AXXROMBSASMR | AXXROMBSASMR | Integrated I/O Expansion | 3Gb Integrated RAID I/O Expansion Module                                   |     |
| Intel Corporation | Intel® Integrated Server RAID Module AXX4SASMOD   | AXX4SASMOD   | PCI-Express 1.0 x4       | 4-port Entry 3Gb SAS I/O expansion module. Optional RAID 5 with AXXRAKSW5. |     |
| Intel Corporation | Intel® Integrated Server RAID Module AXXSASIOMOD  | AXXSASIOMOD  | Integrated I/O Expansion | External Quad-port SAS Module  |     |