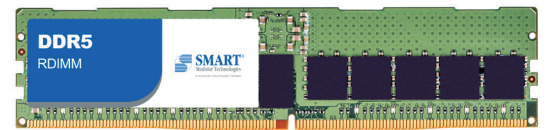


DRAM Memory

DuraMemory™ DRAM modules perform to the highest degree of reliance and reliability required for industrial specifications and applications. SMART's extensive capabilities and attention to detail integrate quality controls and stringent processes into all aspects of its design, procurement and manufacturing cycle.

The process begins with the selection of high quality material and component suppliers that meet SMART's strict specification requirements. Finished products are subjected to a rigorous design verification test (DVT) process requiring every unit to pass an extensive checklist of criteria and a final inspection in order to be released.



Applications

- Networking
- Telecom
- Edge Computing
- IIoT and industrial control

DDR5 Ordering Information

288-PIN - DDR5 RDIMM

| SMART Part Number | Density | Height (mm) | Module Config | Device Config | Speed | Voltage | Temp* |
|-------------------|---------|-------------|---------------|---------------|----------|---------|--------------|
| SR4G8RD5285SB | 32GB | 31.25 | 4Gb x80 | 2Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |

288-PIN - DDR5 VLP RDIMM

| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
|-------------------|---------|-------------|---------------|-------------|----------|---------|--------------|
| SR6G8RD5388HMV | 48GB | 18.75 | 4Gb x80 | 3Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SR4G8RD5288HAV | 32GB | 18.75 | 4Gb x80 | 2Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SR4G8RD5288SBV | 32GB | 18.75 | 4Gb x80 | 2Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SR4G8RD5288MDV | 32GB | 18.75 | 4Gb x80 | 2Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SR4G8RD5285SBV | 32GB | 18.75 | 4Gb x80 | 2Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |
| SR4G8RD5285HAV | 32GB | 18.75 | 4Gb x80 | 2Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |

* Reflects Operating Ambient Temperature

262-PIN - DDR5 Non-ECC SODIMM

| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
|-------------------|---------|-------------|---------------|-------------|----------|---------|----------------|
| SR6G6SO5385HM | 48GB | 30.00 | 6Gb x64 | 3Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |
| SRI4G6SO5288-SP | 32GB | 30.00 | 4Gb x64 | 2Gx8 | 5600MT/s | 1.1V | -40°C to +85°C |
| SR4G6SO5288SB | 32GB | 30.00 | 4Gb x64 | 2Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SR4G6SO5285SB | 32GB | 30.00 | 4Gb x64 | 2Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |
| SR3G6SO5385HM | 24GB | 30.00 | 3Gb x64 | 3Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |

DDR5 Ordering Information

| 262-PIN - DDR5 Non-ECC SODIMM Continued | | | | | | | |
|---|---------|-------------|---------------|-------------|----------|---------|----------------|
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| SRI2G6SO5288-SP | 16GB | 30.00 | 2Gb x64 | 2Gx8 | 5600MT/s | 1.1V | -40°C to +85°C |
| SR2G6SO5288SB | 16GB | 30.00 | 2Gb x64 | 2Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SR2G6SO5285SB | 16GB | 30.00 | 2Gb x64 | 2Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |
| SRI1G6SO5168-SP | 8GB | 30.00 | 1Gb x64 | 1Gx16 | 5600MT/s | 1.1V | -40°C to +85°C |
| 262-PIN - DDR5 ECC SODIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| SR8G7SO5488SM | 64GB | 30.00 | 8Gb x72 | 4Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SRI6G7SO5388HM | 48GB | 30.00 | 6Gb x72 | 3Gx8 | 5600MT/s | 1.1V | -40°C to +85°C |
| SR6G7SO5388HM | 48GB | 30.00 | 6Gb x72 | 3Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SR6G7SO5385HM | 48GB | 30.00 | 6Gb x72 | 3Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |
| SR4G7SO5288SB | 32GB | 30.00 | 4Gb x72 | 2Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SR4G7SO5288HA | 32GB | 30.00 | 4Gb x72 | 2Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| ST4G7SO5285SB | 32GB | 30.00 | 4Gb x72 | 2Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |
| SRI4G7SO5285SB | 32GB | 30.00 | 4Gb x72 | 2Gx8 | 4800MT/s | 1.1V | -40°C to +85°C |
| SR4G7SO5285SB | 32GB | 30.00 | 4Gb x72 | 2Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |
| SRI2G7SO5288HA | 16GB | 30.00 | 2Gb x72 | 2Gx8 | 5600MT/s | 1.1V | -40°C to +85°C |
| SR2G7SO5288SB | 16GB | 30.00 | 2Gb x72 | 2Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SR2G7SO5288HA | 16GB | 30.00 | 2Gb x72 | 2Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SRI2G7SO5285SB | 16GB | 30.00 | 2Gb x72 | 2Gx8 | 4800MT/s | 1.1V | -40°C to +85°C |
| SR2G7SO5285SB | 16GB | 30.00 | 2Gb x72 | 2Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |
| 288-PIN - DDR5 ECC UDIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| SR6G7UD5388HM | 48GB | 31.25 | 6Gb x72 | 3Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SRI6G7UD5385MB | 48GB | 31.25 | 6Gb x72 | 3Gx8 | 4800MT/s | 1.1V | -40°C to +85°C |
| SRI6G7UD5385HM | 48GB | 31.25 | 6Gb x72 | 3Gx8 | 4800MT/s | 1.1V | -40°C to +85°C |
| SR6G7UD5385MB | 48GB | 31.25 | 6Gb x72 | 3Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |
| SR6G7UD5385HM | 48GB | 31.25 | 6Gb x72 | 3Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |
| SR4G7UD5288SB | 32GB | 31.25 | 4Gb x72 | 2Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SRI4G7UD5285SB | 32GB | 31.25 | 4Gb x72 | 2Gx8 | 4800MT/s | 1.1V | -40°C to +85°C |
| SR4G7UD5285SB | 32GB | 31.25 | 4Gb x72 | 2Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |
| SR2G7UD5288SB | 16GB | 31.25 | 2Gb x72 | 2Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SRI2G7UD5285SB | 16GB | 31.25 | 2Gb x72 | 2Gx8 | 4800MT/s | 1.1V | -40°C to +85°C |
| SR2G7UD5285SB | 16GB | 31.25 | 2Gb x72 | 2Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |
| 288-PIN - DDR5 ECC VLP UDIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| SR8G7UD5488SMV | 64GB | 18.75 | 8Gb x72 | 4Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SR6G7UD5388HMMV | 48GB | 18.75 | 6Gb x72 | 3Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SR6G7UD5385HMMV | 48GB | 18.75 | 6Gb x72 | 3Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |
| SR4G7UD5288SBV | 32GB | 18.75 | 4Gb x72 | 2Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SR4G7UD5288MDV | 32GB | 18.75 | 4Gb x72 | 2Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SR4G7UD5288HAV | 32GB | 18.75 | 4Gb x72 | 2Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SRI4G7UD5285SBV | 32GB | 18.75 | 4Gb x72 | 2Gx8 | 4800MT/s | 1.1V | -40°C to +85°C |
| SR4G7UD5285SBV | 32GB | 18.75 | 4Gb x72 | 2Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |
| SR2G7UD5288SBV | 16GB | 18.75 | 2Gb x72 | 2Gx8 | 5600MT/s | 1.1V | 0°C to +70°C |
| SRI2G7UD5285SBV | 16GB | 18.75 | 2Gb x72 | 2Gx8 | 4800MT/s | 1.1V | -40°C to +85°C |
| SR2G7UD5285SBV | 16GB | 18.75 | 2Gb x72 | 2Gx8 | 4800MT/s | 1.1V | 0°C to +70°C |

* Reflects Operating Ambient Temperature

DDR4 Ordering Information

| 288-PIN - DDR4 RDIMM | | | | | | | |
|-------------------------------|---------|-------------|---------------|-------------|----------|---------|----------------|
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| STT4097RD420825MF | 32GB | 31.25 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| STI4097RD420825MF | 32GB | 31.25 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| ST4097RD420825SC | 32GB | 31.25 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2047RD420825MF | 16GB | 31.25 | 2Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2047RD420825HD | 16GB | 31.25 | 2Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| STI2047RD410825SG | 16GB | 31.25 | 2Gb x72 | 1Gx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| ST2047RD410825SG | 16GB | 31.25 | 2Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST1027RD410825SG | 8GB | 31.25 | 1Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST1027RD410825HE | 8GB | 31.25 | 1Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| STI1027RD451825SG | 8GB | 31.25 | 1Gb x72 | 512Mx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| ST1027RD451825SG | 8GB | 31.25 | 1Gb x72 | 512Mx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST5127RD451825SG | 4GB | 31.25 | 512Mb x72 | 512Mx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| 288-PIN - DDR4 Mini-RDIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| ST2047MR410893SG | 16GB | 30.00 | 2Gb x72 | 1Gx8 | 2666MT/s | 1.2V | 0°C to +70°C |
| ST2047MR410893HE | 16GB | 30.00 | 2Gb x72 | 1Gx8 | 2666MT/s | 1.2V | 0°C to +70°C |
| ST1027MR451893SG | 8GB | 30.00 | 1Gb x72 | 512Mx8 | 2666MT/s | 1.2V | 0°C to +70°C |
| 288-PIN - DDR4 ULP Mini-RDIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| ST4097MR420825MFU | 32GB | 17.78 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2047MR410825SGU | 16GB | 17.78 | 2Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| 288-PIN - DDR4 VLP Mini-RDIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| ST2047MR420825SCV | 16GB | 18.75 | 2Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST1027MR410825SGV | 8GB | 18.75 | 1Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| 288-PIN - DDR4 VLP RDIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| ST8197RD440425MFV | 64GB | 19.00 | 8Gb x72 | 4Gx4 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST4097RD440425SCV | 32GB | 18.75 | 4Gb x72 | 4Gx4 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST4097RD440425HDV | 32GB | 18.75 | 4Gb x72 | 4Gx4 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST4097RD420825SCV | 32GB | 18.75 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST4097RD420825MFV | 32GB | 18.75 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST4097RD420825HDV | 32GB | 18.75 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2047RD420825SCV | 16GB | 18.75 | 2Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2047RD420425HEV | 16GB | 18.75 | 2Gb x72 | 2Gx4 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2047RD410825SGV | 16GB | 18.75 | 2Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2047RD410825HEV | 16GB | 18.75 | 2Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST1027RD410825SGV | 8GB | 18.75 | 1Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST1027RD410825MRV | 8GB | 18.75 | 1Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST1027RD451825SGV | 8GB | 18.75 | 1Gb x64 | 512Mx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST1027RD410893SGV | 8GB | 18.75 | 1Gb x72 | 1Gx8 | 2666MT/s | 1.2V | 0°C to +70°C |
| ST5127RD451825SGV | 4GB | 18.75 | 512Mb x72 | 512Mx8 | 3200MT/s | 1.2V | 0°C to +70°C |

* Reflects Operating Ambient Temperature

DDR4 Ordering Information

| 260-PIN - DDR4 Non-ECC SODIMM | | | | | | | |
|-------------------------------|---------|-------------|---------------|-------------|----------|---------|----------------|
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| STI4096SO420825HD | 32GB | 30.00 | 4Gb x64 | 2Gx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| ST4096SO420825MF | 32GB | 30.00 | 4Gb x64 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST4096SO420825HD | 32GB | 30.00 | 4Gb x64 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| STI2046SO410825SG | 16GB | 30.00 | 2Gb x64 | 1Gx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| STI2046SO410825MR | 16GB | 30.00 | 2Gb x64 | 1Gx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| ST2046SO410825SG | 16GB | 30.00 | 2Gb x64 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2046SO410825MR | 16GB | 30.00 | 2Gb x64 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| STI1026SO410825SG | 8GB | 30.00 | 1Gb x64 | 1Gx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| STI1026SO410825MR | 8GB | 30.00 | 1Gb x64 | 1Gx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| ST1026SO410825SG | 8GB | 30.00 | 1Gb x64 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST1026SO410825MR | 8GB | 30.00 | 1Gb x64 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST1026SO451825SG | 8GB | 30.00 | 1Gb x64 | 512Mx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST5126SO451625SG | 4GB | 30.00 | 512Mb x64 | 512Mx16 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST5126SO451625MR | 4GB | 30.00 | 512Mb x64 | 512Mx16 | 3200MT/s | 1.2V | 0°C to +70°C |
| STZ5126SO451893SG | 4GB | 30.00 | 512Mb x64 | 512Mx8 | 2666MT/s | 1.2V | 0°C to +70°C |
| STI5126SO451893SG | 4GB | 30.00 | 512Mb x64 | 512Mx8 | 2666MT/s | 1.2V | -40°C to +85°C |
| ST2566SO421693SG | 2GB | 30.00 | 256Mb x64 | 256Mx16 | 2666MT/s | 1.2V | 0°C to +70°C |
| 260-PIN - DDR4 ECC SODIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| STI4097SO420825SC | 32GB | 30.00 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| STI4097SO420825MF | 32GB | 30.00 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| STB4097SO420825SC | 32GB | 30.00 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST4097SO420825SC | 32GB | 30.00 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST4097SO420825MF | 32GB | 30.00 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST4097SO420825HD | 32GB | 30.00 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| STZ2047SO420825SC | 16GB | 30.00 | 2Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| STI2047SO420825SC | 16GB | 30.00 | 2Gb x72 | 2Gx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| ST2047SO420825SC | 16GB | 30.00 | 2Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2047SO420825HD | 16GB | 30.00 | 2Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| STI2047SO410825SG | 16GB | 30.00 | 2Gb x72 | 1Gx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| ST2047SO410825SG | 16GB | 30.00 | 2Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2047SO410825HE | 16GB | 30.00 | 2Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| STI2047SO410814MR | 16GB | 30.00 | 2Gb x72 | 1Gx8 | 2933MT/s | 1.2V | -40°C to +85°C |
| STI1027SO410825SG | 8GB | 30.00 | 1Gb x72 | 1Gx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| ST1027SO410825SG | 8GB | 30.00 | 1Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST1027SO410825HE | 8GB | 30.00 | 1Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST1027SO410893SG | 8GB | 30.00 | 1Gb x72 | 1Gx8 | 2666MT/s | 1.2V | 0°C to +70°C |
| ST1027SO451825SG | 8GB | 30.00 | 1Gb x72 | 512Mx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST1027SO451825NE | 8GB | 30.00 | 1Gb x72 | 512Mx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST5127SO451825NE | 4GB | 30.00 | 512Mb x72 | 512Mx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| STT5127SO451893NE | 4GB | 30.00 | 512Mb x72 | 512Mx8 | 2666MT/s | 1.2V | -40°C to +85°C |
| STI5127SO451893SG | 4GB | 30.00 | 512Mb x72 | 512Mx8 | 2666MT/s | 1.2V | -40°C to +85°C |
| ST5127SO451893SG | 4GB | 30.00 | 512Mb x72 | 512Mx8 | 2666MT/s | 1.2V | 0°C to +70°C |

* Reflects Operating Ambient Temperature

DDR4 Ordering Information

| 288-PIN - DDR4 Non-ECC UDIMM | | | | | | | |
|---------------------------------------|---------|-------------|---------------|-------------|----------|---------|----------------|
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| STT4096UD420825MF | 32GB | 31.25 | 4Gb x64 | 2Gx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| ST4096UD420825MF | 32GB | 31.25 | 4Gb x64 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2046UD420825SC | 16GB | 31.25 | 2Gb x64 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| STI5126UD451825SG | 4GB | 31.25 | 512Mb x64 | 512Mx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| ST5126UD451825SG | 4GB | 31.25 | 512Mb x64 | 512Mx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| 288-PIN - DDR4 ECC UDIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| STI4097UD420825SC | 32GB | 31.25 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| ST4097UD420825SC | 32GB | 31.25 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST4097UD420825MF | 32GB | 31.25 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2047UD420825SC | 16GB | 31.25 | 2Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2047UD420825HD | 16GB | 31.25 | 2Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2047UD410825SGU | 16GB | 17.78 | 2Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2047UD410825SG | 16GB | 31.25 | 2Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST1027UD410825SG | 8GB | 31.25 | 1Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST5127UD451825SG | 4GB | 31.25 | 4Gb x72 | 512Mx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| 288-PIN - DDR4 ECC ULP UDIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| STI4097UD420825SCU | 32GB | 17.78 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | -40°C to +85°C |
| ST4097UD420825SCU | 32GB | 17.78 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST4097UD420825HDU | 32GB | 17.78 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| 288-PIN - DDR4 Non-ECC VLP Mini-UDIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| ST5126MU451825SGV | 4GB | 18.75 | 512Mb x72 | 512Mx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| 288-PIN - DDR4 ECC VLP Mini-UDIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| ST4097MU420825MFV | 32GB | 18.75 | 4Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2047MU420825SCV | 16GB | 18.75 | 2Gb x72 | 2Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST2047MU410893SGV | 16GB | 18.75 | 2Gb x72 | 1Gx8 | 2666MT/s | 1.2V | 0°C to +70°C |
| ST2047MU410893NHV | 16GB | 18.75 | 2Gb x72 | 1Gx8 | 2666MT/s | 1.2V | 0°C to +70°C |
| ST1027MU410825SGV | 8GB | 18.75 | 1Gb x72 | 1Gx8 | 3200MT/s | 1.2V | 0°C to +70°C |
| ST1027MU451893SGV | 8GB | 18.75 | 1Gb x72 | 512Mx8 | 2666MT/s | 1.2V | 0°C to +70°C |
| ST1027MU451893NEV | 8GB | 18.75 | 1Gb x72 | 512Mx8 | 2666MT/s | 1.2V | 0°C to +70°C |
| 216 PIN - DDR4 MIP | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Comp Config | Speed | Voltage | Temp* |
| ST2046MP42W625MF | 16GB | 22.25 | 2Gb x64 | 2Gx16 | 3200MT/s | 1.2V | 0°C to +70°C |
| STT1026MP411625MF | 8GB | 22.25 | 1Gb x64 | 1Gx16 | 3200MT/s | 1.2V | -40°C to +85°C |
| ST1026MP411625MF | 8GB | 22.25 | 1Gb x64 | 1Gx16 | 3200MT/s | 1.2V | 0°C to +70°C |
| STT5126MP451625MR | 4GB | 22.25 | 512Mb x64 | 512Mx16 | 3200MT/s | 1.2V | -40°C to +85°C |

* Reflects Operating Ambient Temperature

DDR3 Ordering Information

| 240 PIN - DDR3 ECC UDIMM | | | | | | | |
|---|---------|-------------|---------------|---------------|----------|---------|----------------|
| SMART Part Number | Density | Height (mm) | Module Config | Device Config | Speed | Voltage | Temp |
| SP1027UV351838NE | 8GB | 30.00 | 1Gb x72 | 512Mx8 | 1866MT/s | 1.35V | 0°C to +70°C |
| SP1027UD351838NE | 8GB | 30.00 | 1Gb x72 | 512Mx8 | 1866MT/s | 1.5V | 0°C to +70°C |
| SP1027UD351838GB | 8GB | 30.00 | 1Gb x72 | 512Mx8 | 1866MT/s | 1.5V | 0°C to +70°C |
| SP5127UV351838NE | 4GB | 30.00 | 512Mb x72 | 512Mx8 | 1866MT/s | 1.35V | 0°C to +70°C |
| SP5127UV351838GB | 4GB | 30.00 | 512Mb x72 | 512Mx8 | 1866MT/s | 1.35V | 0°C to +70°C |
| SP5127UD351838NE | 4GB | 30.00 | 512Mb x72 | 512Mx8 | 1866MT/s | 1.5V | 0°C to +70°C |
| SP2567UV325838NJ | 2GB | 30.00 | 256Mb x72 | 256Mx8 | 1866MT/s | 1.35V | 0°C to +70°C |
| 240 PIN - DDR3 Non-ECC UDIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Device Config | Speed | Voltage | Temp |
| SPI1026UV351838NE | 8GB | 30.00 | 1Gb x64 | 512Mx8 | 1866MT/s | 1.35V | -40°C to +85°C |
| SP1026UV351838NE | 8GB | 30.00 | 1Gb x64 | 512Mx8 | 1866MT/s | 1.35V | 0°C to +70°C |
| SPI5126UV351838NE | 4GB | 30.00 | 512Mb x64 | 512Mx8 | 1866MT/s | 1.35V | -40°C to +85°C |
| SP5126UV351838NE | 4GB | 30.00 | 512Mb x64 | 512Mx8 | 1866MT/s | 1.35V | 0°C to +70°C |
| 240 PIN - DDR3 ECC VLP UDIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Device Config | Speed | Voltage | Temp |
| SP1027UV351816NEV | 8GB | 18.29 | 1Gb x72 | 512Mx8 | 1600MT/s | 1.35V | 0°C to +70°C |
| SP5127UV351816NEV | 4GB | 18.75 | 512Mb x72 | 512Mx8 | 1600MT/s | 1.35V | 0°C to +70°C |
| 240 PIN - DDR3 Non-ECC VLP UDIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Device Config | Speed | Voltage | Temp |
| SP1026UV351816NEV | 8GB | 18.29 | 1Gb x64 | 512Mx8 | 1600MT/s | 1.35V | 0°C to +70°C |
| 244 PIN - DDR3 ECC Mini-UDIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Device Config | Speed | Voltage | Temp |
| SP5127ML351816NE | 8GB | 30.00 | 1Gb x72 | 1Gx8 | 1600MT/s | 1.35V | 0°C to +70°C |
| 244 PIN - DDR3 ECC ULP (17.8mm) and VLP (18.8mm) Mini-UDIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Device Config | Speed | Voltage | Temp |
| SP1027ML351816MPPU | 8GB | 17.78 | 1Gb x72 | 512Mx8 | 1600MT/s | 1.35V | 0°C to +70°C |
| SP1027ML351893NEU | 8GB | 17.78 | 1Gb x72 | 512Mx8 | 1333MT/s | 1.35V | 0°C to +70°C |
| SPI5127ML351816NEV | 4GB | 18.75 | 512Mb x72 | 512Mx8 | 1600MT/s | 1.35V | -40°C to +85°C |
| SP5127ML351816NEV | 4GB | 18.75 | 512Mb x72 | 512Mx8 | 1600MT/s | 1.35V | 0°C to +70°C |
| SP2567MU325838NVJ | 2GB | 18.75 | 256Mb x72 | 256Mx8 | 1866MT/s | 1.5V | 0°C to +70°C |
| 204 PIN - DDR3 Non-ECC SODIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Device Config | Speed | Voltage | Temp |
| SPT2046SV310816GB | 16GB | 30.00 | 2Gb x64 | 1Gx8 | 1600MT/s | 1.35V | -40°C to +85°C |
| SP2046SV310816GB | 16GB | 30.00 | 2Gb x64 | 1Gx8 | 1600MT/s | 1.35V | 0°C to +70°C |
| SPI1026SV351838NE | 8GB | 30.00 | 1Gb x64 | 512Mx8 | 1866MT/s | 1.35V | -40°C to +85°C |
| SP1026SV351838NE | 8GB | 30.00 | 1Gb x64 | 512Mx8 | 1866MT/s | 1.35V | 0°C to +70°C |
| SP1026SV351838MP | 8GB | 30.00 | 1Gb x64 | 512Mx8 | 1866MT/s | 1.35V | 0°C to +70°C |
| SP1026SV310816GB | 8GB | 30.00 | 1Gb x64 | 1Gx8 | 1600MT/s | 1.35V | 0°C to +70°C |
| SP1026SV351816MP | 8GB | 30.00 | 1Gb x64 | 512Mx8 | 1600MT/s | 1.35V | 0°C to +70°C |
| SP5126SV351838NE | 4GB | 30.00 | 512Mb x64 | 512Mx8 | 1866MT/s | 1.35V | 0°C to +70°C |
| SPI5126SV351838NE | 4GB | 30.00 | 512Mb x64 | 512Mx8 | 1866MT/s | 1.35V | -40°C to +85°C |
| SPI5126SV325838NJ | 4GB | 30.00 | 512Mb x64 | 256Mx8 | 1866MT/s | 1.35V | -40°C to +85°C |
| SP5126SV325838NJ | 4GB | 30.00 | 512Mb x64 | 256Mx8 | 1866MT/s | 1.35V | 0°C to +70°C |
| SP5126SV351816NE | 4GB | 30.00 | 512Mb x64 | 512Mx8 | 1600MT/s | 1.35V | 0°C to +70°C |
| SP5126SV351816MP | 4GB | 30.00 | 512Mb x64 | 512Mx8 | 1600MT/s | 1.35V | 0°C to +70°C |
| SP5126SV321616NE | 4GB | 30.00 | 512Mb x64 | 256Mx16 | 1600MT/s | 1.35V | 0°C to +70°C |
| SPI2566SV325838NJ | 2GB | 30.00 | 256Mb x64 | 256Mx8 | 1866MT/s | 1.35V | -40°C to +85°C |
| SP2566SV325838NJ | 2GB | 30.00 | 256Mb x64 | 256Mx8 | 1866MT/s | 1.35V | 0°C to +70°C |
| SP2566SV321638NE | 2GB | 30.00 | 256Mb x64 | 256Mx16 | 1866MT/s | 1.35V | 0°C to +70°C |
| SP1286SV312638NJ | 1GB | 31.00 | 128Mb x64 | 128Mx16 | 1866MT/s | 1.35V | 0°C to +70°C |

* Reflects Operating Ambient Temperature

DDR3 Ordering Information

| 204 PIN - DDR3 ECC SOUDIMM | | | | | | | |
|--------------------------------|---------|-------------|---------------|---------------|----------|---------|----------------|
| SMART Part Number | Density | Height (mm) | Module Config | Device Config | Speed | Voltage | Temp |
| SPI1027SV351816NE | 8GB | 30.00 | 1Gb x72 | 512Mx8 | 1600MT/s | 1.35V | -40°C to +85°C |
| SP1027SV351816NE | 8GB | 30.00 | 1Gb x72 | 512Mx8 | 1600MT/s | 1.35V | 0°C to +70°C |
| SP5127SV351838NE | 4GB | 25.40 | 512Mb x72 | 512Mx8 | 1866MT/s | 1.35V | 0°C to +70°C |
| SPI5127SV351816NE | 4GB | 25.40 | 512Mb x72 | 512Mx8 | 1600MT/s | 1.35V | -40°C to +85°C |
| SPI2567SO325838NJ | 2GB | 25.40 | 256Mb x72 | 256Mx8 | 1866MT/s | 1.5V | -40°C to +85°C |
| 204 PIN - DDR3 ECC VLP SOUDIMM | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Device Config | Speed | Voltage | Temp* |
| SP2567SO325838NJV | 2GB | 25.40 | 256Mb x72 | 256Mx8 | 1866MT/s | 1.5V | 0°C to +70°C |
| 216 PIN - DDR3 MIP | | | | | | | |
| SMART Part Number | Density | Height (mm) | Module Config | Device Config | Speed | Voltage | Temp* |
| SP2566MP321638NE | 2GB | 22.25 | 256Mb x64 | 256Mx16 | 1866MT/s | 1.35V | 0°C to +70°C |

* Reflects Operating Ambient Temperature



For more information, please visit: www.smartm.com

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