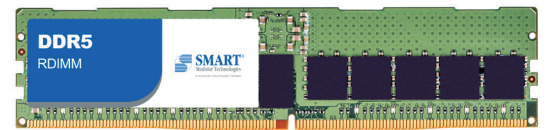


DRAM Memory

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
262-PIN - DDR5 Non-ECC SODIMM							
SMART Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
SR6G6SO5385MB	48GB	30.00	6Gb x64	3Gx8	4800MT/s	1.1V	0°C to +70°C
SR6G6SO5385HM	48GB	30.00	6Gb x64	3Gx8	4800MT/s	1.1V	0°C to +70°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
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

* Reflects Operating Ambient Temperature

DDR5 Ordering Information

262-PIN - DDR5 ECC SODIMM							
SMART Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
SR6G7SO5388HM	48GB	30.00	6Gb x72	3Gx8	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
SR4G7SO5288SB	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*
SR6G7UD5388HVM	48GB	18.75	6Gb x72	3Gx8	5600MT/s	1.1V	0°C to +70°C
SR6G7UD5385HVM	48GB	18.75	6Gb x72	3Gx8	4800MT/s	1.1V	0°C to +70°C
SR4G7UD5288HAV	32GB	18.75	4Gb x72	2Gx8	5600MT/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
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*
SRI8197RD440425-SC	64GB	31.25	8Gb x72	4Gx4	3200MT/s	1.2V	-40°C to +85°C
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
SRI4097RD420825-SC	32GB	31.25	4Gb x72	2Gx8	3200MT/s	1.2V	-40°C to +85°C
SRI4097RD420425-SE	32GB	31.25	4Gb x72	2Gx4	3200MT/s	1.2V	-40°C to +85°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

* Reflects Operating Ambient Temperature

DDR4 Ordering Information

288-PIN - DDR4 RDIMM Continued							
SMART Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
ST12047RD410825SG	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
SRI2047RD410825-SE	16GB	31.25	2Gb x72	1Gx8	3200MT/s	1.2V	-40°C to +85°C
SRI2047RD420425-SE	16GB	31.25	2Gb x72	2Gx4	3200MT/s	1.2V	-40°C to +85°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
ST11027RD451825SG	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
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
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
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
ST2047RD420425HEV	16GB	18.75	2Gb x72	2Gx4	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
ST1027RD451825SGV	8GB	18.75	1Gb x64	512Mx8	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
ST1027RD410893SGV	8GB	18.75	1Gb x72	1Gx8	2666MT/s	1.2V	0°C to +70°C
260-PIN - DDR4 Non-ECC SODIMM							
SMART Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
ST14096SO420825HD	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
ST12046SO410825SG	16GB	30.00	2Gb x64	1Gx8	3200MT/s	1.2V	-40°C to +85°C
ST12046SO410825MR	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
ST11026SO410825SG	8GB	30.00	1Gb x64	1Gx8	3200MT/s	1.2V	-40°C to +85°C
ST11026SO410825MR	8GB	30.00	1Gb x64	1Gx8	3200MT/s	1.2V	-40°C to +85°C
ST1026SO451825SG	8GB	30.00	1Gb x64	512Mx8	3200MT/s	1.2V	0°C to +70°C
ST1026SO410825SG	8GB	30.00	1Gb x64	1Gx8	3200MT/s	1.2V	0°C to +70°C

* Reflects Operating Ambient Temperature

DDR4 Ordering Information

260-PIN - DDR4 Non-ECC SODIMM Continued							
SMART Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
ST1026SO451825SG	8GB	30.00	1Gb x64	512Mx8	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
STI5127SO451893SG	4GB	30.00	512Mb x72	512Mx8	2666MT/s	1.2V	-40°C to +85°C
STI5126SO451893SG	4GB	30.00	512Mb x64	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
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*
ST4097SO420825HD	32GB	30.00	4Gb x72	2Gx8	3200MT/s	1.2V	0°C to +70°C
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
SRZ4097SO420825-SC	32GB	30.00	4Gb x72	2Gx8	3200MT/s	1.2V	0°C to +70°C
SRI4097SO420825-SC	32GB	30.00	4Gb x72	2Gx8	3200MT/s	1.2V	-40°C to +85°C
STZ2047SO420825SC	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
STI2047SO420825SC	16GB	30.00	2Gb x72	2Gx8	3200MT/s	1.2V	-40°C to +85°C
SRI2047SO420825-SC	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
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
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
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
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*
ST4097UD420825MF	32GB	31.25	4Gb x72	2Gx8	3200MT/s	1.2V	0°C to +70°C
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
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

* Reflects Operating Ambient Temperature

DDR4 Ordering Information

288-PIN - DDR4 ECC UDIMM Continued							
SMART Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
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
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
ST1027MR410825SGV	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
ST1026MP411625MF	8GB	22.25	1Gb x64	1Gx16	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
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
SP2047UV310816GB	16GB	30.00	2Gb x72	1Gx8	1600MT/s	1.35V	0°C to +70°C
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

* Reflects Operating Ambient Temperature

DDR3 Ordering Information

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
SP1027ML351816MPU	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
SP2567MU325838NJV	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
204 PIN - DDR3 ECC SODIMM							
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

* Reflects Operating Ambient Temperature

DDR3 Ordering Information

204 PIN - DDR3 ECC VLP SODIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp*
SP2567SO325838NV	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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