



SMART DRAM Memory for Networking & Telecom Applications

Reliable, Trusted, Proven

Why SMART DuraMemory?

- Memory modules designed and built for reliable operation in harsh environments
- Wide portfolio of memory products including form factors, technologies, speeds, and densities that are ideally-suited for networking and telecom
- In-house I-temp processing for high reliability, lower costs and shorter leadtimes
- SMART offers a variety of special features to enhance reliability

Special Features to support Networking and Telecom



Industrial Temperature



Anti-sulfur passive components for environmental protection



Component underfill for vibration resistance



Module retention clips for high shock and vibration applications



Conformal coating for moisture and environmental protection



LEGACY SUPPORT
Long term supply and technology support

Applications

- Anti-sulfur passive components for environmental protection
- Routers / Gateways
- Ethernet Switching
- VPN and Firewall servers
- Streaming multimedia



DDR5 Ordering Information

288-PIN - DDR5 RDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
SRHG8RD5648-SP	96GB	31.25	12Gb x80	6Gx4	5600MT/s	1.1V	0°C to +70°C
SRHG8RD5648-MD	96GB	31.25	12Gb x80	6Gx4	5600MT/s	1.1V	0°C to +70°C
SRHG8RD5645-MD	96GB	31.25	12Gb x80	6Gx4	4800MT/s	1.1V	0°C to +70°C
SR8G8RD5448-SP	64GB	31.25	8Gb x80	4Gx4	5600MT/s	1.1V	0°C to +70°C
SR6G8RD5648-SP	48GB	31.25	6Gb x80	6Gx4	5600MT/s	1.1V	0°C to +70°C
SR4G8RD5448-SP	32GB	31.25	4Gb x80	4Gx4	5600MT/s	1.1V	0°C to +70°C
SRI4G8RD5445-SB	32GB	31.25	4Gb x80	4Gx4	4800MT/s	1.1V	-40°C to +85°C
SRI4G8RD5285-SB	32GB	31.25	4Gb x80	2Gx8	4800MT/s	1.1V	-40°C to +85°C
SR4G8RD5285SB	32GB	31.25	4Gb x80	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR3G8RD5388-SP	24GB	31.25	3Gb x80	3Gx8	5600MT/s	1.1V	0°C to +70°C
SR3G8RD5385-SB	24GB	31.25	3Gb x80	3Gx8	4800MT/s	1.1V	0°C to +70°C
SR2G8RD5288-MD	16GB	31.25	2Gb x80	2Gx8	5600MT/s	1.1V	0°C to +70°C
SR2G8RD5288-SP	16GB	31.25	2Gb x80	2Gx8	5600MT/s	1.1V	0°C to +70°C
288-PIN - DDR5 VLP RDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp*
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	Device Config	Speed	Voltage	Temp*
SR6G6SO5385MB	48GB	30.00	6Gb x64	3Gx8	4800MT/s	1.1V	0°C to +70°C
SR4G6SO5288-SP	32GB	30.00	4Gb x64	2Gx8	5600MT/s	1.1V	0°C to +70°C
SR4G6SO5285-SB	32GB	30.00	4Gb x64	2Gx8	4800MT/s	1.1V	0°C to +70°C
SRI4G6SO5285-SB	32GB	30.00	4Gb x64	2Gx8	4800MT/s	1.1V	-40°C to +85°C
SR4G6SO5285SB	32GB	30.00	4Gb x64	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR2G6SO5288-SP	16GB	30.00	2Gb x64	2Gx8	5600MT/s	1.1V	0°C to +70°C
SRI2G6SO5285-SB	16GB	30.00	2Gb x64	2Gx8	4800MT/s	1.1V	-40°C to +85°C
SR2G6SO5285SB	16GB	30.00	2Gb x64	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR1G6SO5168-SP	8GB	30.00	1Gb x64	1Gx16	5600MT/s	1.1V	0°C to +70°C
SRI1G6SO5165-SB	8GB	30.00	1Gb x64	1Gx16	4800MT/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*
SR6G7SO5385HM	48GB	30.00	6Gb x72	3Gx8	4800MT/s	1.1V	0°C to +70°C
SRI4G7SO5288-SP	32GB	30.00	4Gb x72	2Gx8	5600MT/s	1.1V	-40°C to +85°C
SR4G6SO5288-SP	32GB	30.00	4Gb x64	2Gx8	5600MT/s	1.1V	0°C to +70°C
SR4G6SO5285-SB	32GB	30.00	4Gb x64	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
ST4G7SO5285SB	32GB	30.00	4Gb x72	2Gx8	4800MT/s	1.1V	0°C to +70°C
SRI2G7SO5288-SP	16GB	30.00	2Gb x72	2Gx8	5600MT/s	1.1V	-40°C to +85°C
SR2G6SO5288-SP	16GB	30.00	2Gb x64	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
SRI2G7SO5285-SB	16GB	30.00	2Gb x72	2Gx8	4800MT/s	1.1V	-40°C to +85°C
SR1G6SO5168-SP	8GB	30.00	1Gb x64	1Gx16	5600MT/s	1.1V	0°C to +70°C

* Reflects Operating Ambient Temperature

DDR5 Ordering Information

288-PIN - DDR5 Non-ECC UDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp*
SR4G6UD5285-SB	32GB	31.25	4Gb x64	2Gx8	4800MT/s	1.1V	0°C to +70°C
SRI4G6UD5285-SB	32GB	31.25	4Gb x64	2Gx8	4800MT/s	1.1V	-40°C to +85°C
SRI2G6UD5285-SB	16GB	31.25	2Gb x64	2Gx8	4800MT/s	1.1V	-40°C to +85°C
SR2G6UD5285-SB	16GB	31.25	2Gb x64	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR1G6UD5165-SB	8GB	31.25	1Gb x64	1Gx16	4800MT/s	1.1V	0°C to +70°C
288-PIN - DDR5 ECC UDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp*
SRI6G7UD5385MB	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
SRI4G7UD5288-SP	32GB	31.25	4Gb x72	2Gx8	5600MT/s	1.1V	-40°C to +85°C
SRI4G7UD5288-SD	32GB	31.25	4Gb x72	2Gx8	5600MT/s	1.1V	-40°C to +85°C
SR4G7UD5288-SP	32GB	31.25	4Gb x72	2Gx8	5600MT/s	1.1V	0°C to +70°C
SR4G7UD5288-SD	32GB	31.25	4Gb x72	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR4G7UD5285-SB	32GB	31.25	4Gb x72	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR4G7UD5285SB	32GB	31.25	4Gb x72	2Gx8	4800MT/s	1.1V	0°C to +70°C
SRI4G7UD5285-SB	32GB	31.25	4Gb x72	2Gx8	4800MT/s	1.1V	-40°C to +85°C
SRI4G7UD5285SB	32GB	31.25	4Gb x72	2Gx8	4800MT/s	1.1V	-40°C to +85°C
SRI2G7UD5288-SD	16GB	31.25	2Gb x72	2Gx8	5600MT/s	1.1V	-40°C to +85°C
SRI2G7UD5288-SP	16GB	31.25	2Gb x72	2Gx8	5600MT/s	1.1V	-40°C to +85°C
SR2G7UD5288-SP	16GB	31.25	2Gb x72	2Gx8	5600MT/s	1.1V	0°C to +70°C
SR2G7UD5288-SD	16GB	31.25	2Gb x72	2Gx8	5600MT/s	1.1V	0°C to +70°C
SR2G7UD5285-SB	16GB	31.25	2Gb x72	2Gx8	4800MT/s	1.1V	0°C to +70°C
SRI2G7UD5285SB	16GB	31.25	2Gb x72	2Gx8	4800MT/s	1.1V	-40°C to +85°C
SRI2G7UD5285-SB	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
SR4G7UD5288MDV	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
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
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	Device Config	Speed	Voltage	Temp*
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
SRI2047RD420425-SE	16GB	31.25	2Gb x72	2Gx4	3200MT/s	1.2V	-40°C to +85°C
SRI2047RD410825-SE	16GB	31.25	2Gb x72	1Gx8	3200MT/s	1.2V	-40°C to +85°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
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
ST1027RD410825SG	8GB	31.25	1Gb x72	1Gx8	3200MT/s	1.2V	0°C to +70°C

* Reflects Operating Ambient Temperature

DDR4 Ordering Information

288-PIN - DDR4 Mini-RDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device 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
288-PIN - DDR4 ULP Mini-RDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp*
ST4097MR420825MFU	32GB	17.78	4Gb x72	2Gx8	3200MT/s	1.2V	0°C to +70°C
288-PIN - DDR4 VLP Mini-RDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device 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	Device Config	Speed	Voltage	Temp*
ST8197RD440425MFV	64GB	19.00	8Gb 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
ST4097RD440425SCV	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
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*
STI4096SO420825-HD	32GB	30.00	4Gb x64	2Gx8	3200MT/s	1.2V	-40°C to +85°C
SRI4096SO420825-SC	32GB	30.00	4Gb x64	2Gx8	3200MT/s	1.2V	-40°C to +85°C
STI4096SO420825HD	32GB	30.00	4Gb x64	2Gx8	3200MT/s	1.2V	-40°C to +85°C
ST4096SO420825HD	32GB	30.00	4Gb x64	2Gx8	3200MT/s	1.2V	0°C to +70°C
SR4096SO420825-SC	32GB	30.00	4Gb x64	2Gx8	3200MT/s	1.2V	0°C to +70°C
ST4096SO420825-HD	32GB	30.00	4Gb x64	2Gx8	3200MT/s	1.2V	0°C to +70°C
SR2046SO420825-SC	16GB	30.00	2Gb x64	2Gx8	3200MT/s	1.2V	0°C to +70°C
SR1026SO411625-SC	16GB	30.00	1Gb x64	1Gx16	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
ST2046SO410825SG	16GB	30.00	2Gb x64	1Gx8	3200MT/s	1.2V	0°C to +70°C
STI2046SO410825MR	16GB	30.00	2Gb x64	1Gx8	3200MT/s	1.2V	-40°C to +85°C
ST2046SO410825MR	16GB	30.00	2Gb x64	1Gx8	3200MT/s	1.2V	0°C to +70°C
ST2046SO410893-SE	16GB	30.00	2Gb x64	1Gx8	2666MT/s	1.2V	0°C to +70°C
STI1026SO410825SG	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
STI1026SO410825MR	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
SRI5126SO451625-SG	4GB	30.00	512Mb x64	512Mx16	3200MT/s	1.2V	-40°C to +85°C
SR5126SO451625-SG	4GB	30.00	512Mb x64	512Mx16	3200MT/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*
SR4097SO420825-SC	32GB	30.00	4Gb x72	2Gx8	3200MT/s	1.2V	0°C to +70°C
ST4096SO420825-HD	32GB	30.00	4Gb x64	2Gx8	3200MT/s	1.2V	0°C to +70°C
STB4097SO420825SC	32GB	30.00	4Gb x72	2Gx8	3200MT/s	1.2V	0°C to +70°C

* Reflects Operating Ambient Temperature

DDR4 Ordering Information

260-PIN - DDR4 ECC SODIMM Continued							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp*
SRZ4097SO420825-SC	32GB	30.00	4Gb x72	2Gx8	3200MT/s	1.2V	0°C to +70°C
SRI4097SO420825SA	32GB	30.00	4Gb x72	2Gx8	3200MT/s	1.2V	-40°C to +85°C
STI4097SO420825SC	32GB	30.00	4Gb x72	2Gx8	3200MT/s	1.2V	-40°C to +85°C
SRI4097SO420825-SC	32GB	30.00	4Gb x72	2Gx8	3200MT/s	1.2V	-40°C to +85°C
ST4097SO420825SC	32GB	30.00	4Gb x72	2Gx8	3200MT/s	1.2V	0°C to +70°C
SR2047SO420825-SC	16GB	30.00	2Gb x72	2Gx8	3200MT/s	1.2V	0°C to +70°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
STI2047SO420825SC	16GB	30.00	2Gb x72	2Gx8	3200MT/s	1.2V	-40°C to +85°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
ST1027SO410825-HE	8GB	30.00	1Gb x72	1Gx8	3200MT/s	1.2V	0°C to +70°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
ST5127SO451825NE	4GB	30.00	512Mb x72	512Mx8	3200MT/s	1.2V	0°C to +70°C
288-PIN - DDR4 Non-ECC UDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp*
ST4096UD420825-HD	32GB	31.25	4Gb x64	2Gx8	3200MT/s	1.2V	0°C to +70°C
SR4096UD420825-SC	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
ST2046UD410825-SE	16GB	31.25	2Gb x64	1Gx8	3200MT/s	1.2V	0°C to +70°C
SR2046UD420825-SC	16GB	31.25	2Gb x64	2Gx8	3200MT/s	1.2V	0°C to +70°C
SR1026UD411625-SC	8GB	31.25	1Gb x64	1Gx16	3200MT/s	1.2V	0°C to +70°C
SR1026UD410825-SE	8GB	31.25	1Gb x64	1Gx8	3200MT/s	1.2V	0°C to +70°C
ST1026UD411625-HD	8GB	31.25	1Gb x64	1Gx16	3200MT/s	1.2V	0°C to +70°C
ST1026UD410825-HE	8GB	31.25	1Gb x64	1Gx8	3200MT/s	1.2V	0°C to +70°C
ST1026UD410814-SE	8GB	31.25	1Gb x64	1Gx8	2933MT/s	1.2V	0°C to +70°C
ST5126UD451625-SC	4GB	31.25	512Mb x64	512Mx16	3200MT/s	1.2V	0°C to +70°C
ST5126UD451625-HE	4GB	31.25	512Mb x64	512Mx16	3200MT/s	1.2V	0°C to +70°C
SR5126UD451625-SG	4GB	31.25	512Mb x64	512Mx16	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	Device Config	Speed	Voltage	Temp*
SR4097UD420825-SC	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
ST2047UD420825HC	16GB	31.25	2Gb x72	2Gx8	3200MT/s	1.2V	0°C to +70°C
SR2047UD420825-SC	16GB	31.25	2Gb x72	2Gx8	3200MT/s	1.2V	0°C to +70°C
ST2047UD420825-HD	16GB	31.25	2Gb x72	2Gx8	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
ST2047UD410825-HE	16GB	31.25	2Gb x72	1Gx8	3200MT/s	1.2V	0°C to +70°C
ST1027UD410825-HE	8GB	31.25	1Gb 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*
ST4097UD420825SCU	32GB	17.78	4Gb x72	2Gx8	3200MT/s	1.2V	0°C to +70°C
STI4097UD420825SCU	32GB	17.78	4Gb x72	2Gx8	3200MT/s	1.2V	-40°C to +85°C

* Reflects Operating Ambient Temperature

DDR4 Ordering Information

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
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
ST2046MP42W614MB	16GB	22.25	2Gb x64	1Gx16	2933MT/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
STT2566MP421625NE	2GB	22.25	256Mb x64	256Mx16	3200MT/s	1.2V	-40°C to +85°C
STT2566MP421625MG	2GB	22.25	256Mb x64	256Mx16	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
SP5127UD351838NE	4GB	30.00	512Mb 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

240 PIN - DDR3 Non-ECC UDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp*
SP5126UV351838NE	4GB	30.00	512Mb x64	512Mx8	1866MT/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 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

244 PIN - DDR3 ECC VLP Mini-UDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp*
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

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

* Reflects Operating Ambient Temperature

DDR3 Ordering Information

204 PIN - DDR3 Non-ECC SODIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp*
SPI1026SV351838NE	8GB	30.00	1Gb x64	512Mx8	1866MT/s	1.35V	-40°C to +85°C
SP5126SV321616NE	4GB	30.00	512Mb x64	256Mx16	1600MT/s	1.35V	0°C to +70°C
SP2566SV321638NE	2GB	30.00	256Mb x64	256Mx16	1866MT/s	1.35V	0°C to +70°C

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

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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