

# DDR3 Memory Module

SMART Modular Technologies' DDR3 memory modules support up to 32GB at a 1333MHz data with a design configuration of 4Gx72 using 4Gb 1Gbx4 BGA components. SMART's DDR3 RDIMMs have multiple benefits including quadrank architecture for enabling cost effective high-densities and a single-register design for reduced memory bus loading. While registered DIMMs (RDIMMs) use 4-bit DRAMs, SMART's DDR3 RDIMMs leverage 8-bit DDR3 DRAMs, allowing for lower power consumption due to half the number of rows and columns being accessed.

### Features & Benefits

- Lower power
- Larger densities
- Improved signaling with fly-by architecture
- Thermal sensors

## DDR3 Ordering Information

240 PIN - DDR3 Registered DIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH4097RV310493SE	32GB	30.00	4G x72	1G x4	1333 MT/s	1.35V	0°C to +70°C
SH4097RV310493MP	32GB	30.00	4G x72	1G x4	1333 MT/s	1.35V	0°C to +70°C
SH2047RV310416HD	16GB	30.00	2G x72	1G x4	1600 MT/s	1.35V	0°C to +70°C
SH2047RV310416MP	16GB	30.00	2G x72	1G x4	1600 MT/s	1.35V	0°C to +70°C
SH2047RD351893SE	16GB	30.00	2G x72	512M x8	1333 MT/s	1.5V	0°C to +70°C
SH2047RD351293MK	16GB	30.00	2G x72	512M x4	1333 MT/s	1.5V	0°C to +70°C
SH2047RV351293MK	16GB	30.00	2G x72	512M x4	1333 MT/s	1.35V	0°C to +70°C
SH1027RV351816SE	8GB	30.00	1G x72	1G x4	1600 MT/s	1.35V	0°C to +70°C
SH1027RV310416HD	8GB	30.00	1G x72	1G x4	1600 MT/s	1.35V	0°C to +70°C
SH1027RV310416SE	8GB	30.00	1G x72	1G x4	1600 MT/s	1.35V	0°C to +70°C
SH1027RV310416MP	8GB	30.00	1G x72	1G x4	1600 MT/s	1.35V	0°C to +70°C
SH1027RD351216MK	8GB	30.00	1G x72	512M x4	1600 MT/s	1.5V	0°C to +70°C
SH1027RD351293MK	8GB	30.00	1G x72	512M x4	1333 MT/s	1.5V	0°C to +70°C
SH1027RV351816HD	8GB	30.00	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027RV351216MK	8GB	30.00	1G x72	512M x4	1600 MT/s	1.35V	0°C to +70°C
SH1027RV351293MK	8GB	30.00	1G x72	512M x4	1333 MT/s	1.35V	0°C to +70°C
SH5127RD351216MK	4GB	30.00	512M x72	512M x4	1600 MT/s	1.5V	0°C to +70°C
SH5127RD351238MK	4GB	30.00	512M x72	512M x4	1866 MT/s	1.5V	0°C to +70°C
SH5127RD351293MK	4GB	30.00	512M x72	512M x4	1333 MT/s	1.5V	0°C to +70°C
SH5127RV351816HD	4GB	30.00	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127RV325816NI	4GB	30.00	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127RV325816SF	4GB	30.00	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567RV325816NI	2GB	30.00	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567RV325816SF	2GB	30.00	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567RD325693MG	2GB	30.00	256M x72	256M x4	1333 MT/s	1.5V	0°C to +70°C
240 PIN - DDR3 VLP Registered DIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH4097RV310493MNV	32GB	18.75	4G x72	1G x4	1333 MT/s	1.35V	0°C to +70°C
SH4097RV310493SDV	32GB	18.75	4G x72	1G x4	1333 MT/s	1.35V	0°C to +70°C
SH2047RV351893HAV	16GB	18.75	2G x72	512M x8	1333 MT/s	1.35V	0°C to +70°C
SH2047RV351893SDV	16GB	18.75	2G x72	512M x8	1333 MT/s	1.35V	0°C to +70°C
SH1027RD351216MKV	8GB	18.75	1G x72	512M x4	1600 MT/s	1.5V	0°C to +70°C
SH1027RD351293MKV	8GB	18.75	1G x72	512M x4	1333 MT/s	1.5V	0°C to +70°C

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## DDR3 Ordering Information

240 PIN - DDR3 VLP Registered DIMM Continued							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH1027RV351816HDV	8GB	18.75	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027RV351816SDV	8GB	18.75	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027RV351893SEV	8GB	18.75	1G x72	512M x8	1333 MT/s	1.35V	0°C to +70°C
SH1027RD351893SEV	8GB	18.75	1G x72	512M x8	1333 MT/s	1.5V	0°C to +70°C
SH11027RV351816SEV	8GB	18.75	1G x72	512M x8	1600 MT/s	1.35V	-40°C to +85°C
SH5127RD351838SDV	4GB	18.75	512M x72	512M x8	1866 MT/s	1.5V	0°C to +70°C
SH5127RV325816SFV	4GB	18.75	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127RD351216MKV	4GB	18.75	512M x72	512M x4	1600 MT/s	1.5V	0°C to +70°C
SH5127RD351293MKV	4GB	18.75	512M x72	512M x4	1333 MT/s	1.5V	0°C to +70°C
SH5127RV325816NIV	4GB	18.75	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127RV351816HDV	4GB	18.75	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127RV351816SDV	4GB	18.75	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127RD351838SEV	4GB	18.75	512M x72	512M x8	1866 MT/s	1.35V	0°C to +70°C
SH2567RV325816NIV	2GB	18.75	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567RV325816SFV	2GB	18.75	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
240 PIN - DDR3 Unbuffered ECC DIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH1027UV351816HD	8GB	30.0	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027UV351816SD	8GB	30.0	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027UV351816MP	8GB	30.0	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027UD351838SE	8GB	30.0	1G x72	512M x8	1600 MT/s	1.5V	0°C to +70°C
SH5127UV351816SE	4GB	30.0	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127UD351838SE	4GB	30.0	512M x72	512M x8	1866 MT/s	1.5V	0°C to +70°C
SH5127UV325893MK	4GB	30.0	512M x72	256M x8	1333 MT/s	1.35V	0°C to +70°C
SH5127UD325838SF	4GB	30.0	512M x72	256M x8	1866 MT/s	1.5V	0°C to +70°C
SH5127UV325816NI	4GB	30.0	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127UV325816SF	4GB	30.0	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127UV351816HD	4GB	30.0	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127UV351816SD	4GB	30.0	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127UV351816MP	4GB	30.0	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567UV325816MK	2GB	30.0	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567UV325816NI	2GB	30.0	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567UV325816SF	2GB	30.0	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
240 PIN - DDR3 Unbuffered Non-ECC DIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH1026UV351816HD	8GB	30.00	1G x64	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1026UV351816SE	8GB	30.00	1G x64	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5126UV351816SE	4GB	30.00	512M x64	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5126UD325893NI	4GB	30.00	512M x64	256M x8	1333 MT/s	1.5V	0°C to +70°C
SH5126UV325816NI	4GB	30.00	512M x64	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5126UV325816SF	4GB	30.00	512M x64	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH2566UV325816NI	2GB	30.00	256M x64	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH2566UV325816SF	2GB	30.00	256M x64	256M x8	1600 MT/s	1.35V	0°C to +70°C
240 PIN - DDR3 VLP Unbuffered ECC DIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH1027UV351816HDV	8GB	18.75	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027UV351816SDV	8GB	18.75	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127UV325893MKV	4GB	18.75	512M x72	256M x8	1333 MT/s	1.35V	0°C to +70°C
SH5127UV325816NIV	4GB	18.75	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127UV325816SFV	4GB	18.75	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127UV351816HDV	4GB	18.75	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127UV351816SDV	4GB	18.75	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567UV325816NIV	2GB	18.75	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567UV325816SFV	2GB	18.75	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C

## DDR3 Ordering Information continued

240 PIN - DDR3 VLP Unbuffered Non-ECC DIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH1026UV351816HDV	8GB	18.30	1G x64	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1026UV351816SEV	8GB	18.30	1G x64	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5126UV325816NIV	4GB	18.30	512M x64	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5126UV325816SFV	4GB	18.30	512M x64	256M x8	1600 MT/s	1.35V	0°C to +70°C
244 PIN - DDR3 Registered Mini-RDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH1027MV351816HD	8GB	30.00	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027MR351893SE	8GB	30.00	1G x72	512M x8	1333 MT/s	1.5V	0°C to +70°C
SH1027MV351816SE	8GB	30.00	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567MV325816NI	2GB	30.00	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567MV325816SF	2GB	30.00	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
244 PIN - DDR3 VLP Registered Mini-RDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH1027MV351816MNV	8GB	18.30	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027MR351816PAV	8GB	18.30	1G x72	512M x8	1600 MT/s	1.5V	0°C to +70°C
SH1027MV351816HBV	8GB	18.30	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027MV351816HBV	8GB	18.30	1G x72	512M x8	1600 MT/s	1.35V	-40°C to +85°C
SH1027MV351816SDV	8GB	18.30	1G x72	512M x8	1600 MT/s	1.35V	-40°C to +85°C
SH5127MR351893SEV	4GB	18.75	512M x72	512M x8	1333 MT/s	1.5V	0°C to +70°C
SH5127MV325816NIV	4GB	27.00	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127MV325816SFV	4GB	27.00	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127MV351816HDV	4GB	18.75	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127MV351816SDV	4GB	18.75	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567MV325816NIV	2GB	18.75	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567MV325816SFV	2GB	18.75	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
244 PIN - DDR3 Unbuffered ECC Mini-UDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH1027ML351816HD	8GB	30.00	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027ML351816MP	8GB	30.00	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027ML351816SD	8GB	30.00	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127ML325816NI	4GB	30.00	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127ML325816SF	4GB	30.00	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127ML351816HD	4GB	30.00	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127ML351816SE	4GB	30.00	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567ML325816NI	2GB	30.00	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567ML325816SF	2GB	30.00	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
244 PIN - DDR3 ULP (17.8mm) and VLP (18.8mm) Unbuffered ECC Mini-UDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH1027ML351816HAU	8GB	17.78	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027ML351816MNU	8GB	17.78	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027ML351816SEU1	8GB	17.78	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027ML351816SEU	8GB	17.78	1G x72	512M x8	1600 MT/s	1.35V	-40°C to +85°C
SH5127ML325816SFU	4GB	18.75	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127ML351816SEV	4GB	18.75	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127ML351816HDV	4GB	18.75	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127ML351816SDV	4GB	18.75	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127ML351816SEV	4GB	18.75	512M x72	512M x8	1600 MT/s	1.35V	-40°C to +85°C
SH2567ML325816NIV	2GB	18.75	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567ML325816SFV	2GB	18.75	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567MU325816SFV	2GB	18.75	256M x72	256M x8	1600 MT/s	1.5V	0°C to +70°C
SH2567MU325838NIV	2GB	18.75	256M x72	256M x8	1866 MT/s	1.5V	0°C to +70°C
SH12567ML325816SFV	2GB	18.75	256M x72	256M x8	1600 MT/s	1.35V	-40°C to +85°C
SH1287ML312816SIV	1GB	18.75	128M x72	128M x8	1600 MT/s	1.35V	0°C to +70°C
SH1287MU312893MJV	1GB	18.75	128M x72	128M x8	1333 MT/s	1.5V	-40°C to +85°C

## DDR3 Ordering Information continued

204 PIN - DDR3 Unbuffered ECC SO-DIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SHI1027SV351816SE	8GB	30.00	1G x72	512M x8	1600 MT/s	1.35V	-40°C to +85°C
SH1027SV351838SE	8GB	30.00	1G x72	512M x8	1866 MT/s	1.35V	0°C to +70°C
SH1027SV351816HD	8GB	30.00	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027SV351816MP	8GB	30.00	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027SV351816SD	8GB	30.00	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027SV351816ND	8GB	30.00	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127SV325816MK	4GB	30.00	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127SV325816NI	4GB	30.00	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127SV325816SF	4GB	30.00	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127SO325816MK	4GB	30.00	512M x72	256M x8	1600 MT/s	1.5V	0°C to +70°C
SH5127SV351816SEV	4GB	25.40	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127SV351816HDV	4GB	25.40	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127SV351816SDV	4GB	25.40	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SHI2567SO325838NIV	2GB	25.40	256M x72	256M x8	1866 MT/s	1.5V	-40°C to +85°C
SH2567SV325816NIV	2GB	25.40	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567SV325816SFV	2GB	25.40	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
204 PIN - DDR3 Registered ECC SOR-DIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SHI1027SL351816SE	8GB	30.00	1G x72	512M x8	1600 MT/s	1.35V	-40°C to +85°C
SH1027SR351893SE	8GB	30.00	1G x72	512M x8	1333 MT/s	1.5V	0°C to +70°C
SH1027SL351816HD	8GB	30.00	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027SL351816SE	8GB	30.00	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1027SL351816SD	8GB	30.00	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127SL351816SE	4GB	30.00	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127SL325816NI	4GB	30.00	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127SL325816SF	4GB	30.00	512M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SHI5127SL351816SE	4GB	30.00	512M x72	512M x8	1600 MT/s	1.35V	-40°C to +85°C
SH5127SL351816HD	4GB	30.00	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5127SL351816SD	4GB	30.00	512M x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567SL325816NI	2GB	30.00	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH2567SL325816SF	2GB	30.00	256M x72	256M x8	1600 MT/s	1.35V	0°C to +70°C
204 PIN - DDR3 Unbuffered Non-ECC SO-DIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SHI2046SV310816MA	16GB	30.00	2G x64	1G x8	1600 MT/s	1.35V	-40°C to +85°C
SH1026SV351816HD	8GB	30.00	1G x64	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1026SV351816SD	8GB	30.00	1G x64	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH1026SV351816MP	8GB	30.00	1G x64	512M x8	1600 MT/s	1.35V	0°C to +70°C
SHI1026SV351816SE	8GB	30.00	1G x64	512M x8	1600 MT/s	1.35V	-40°C to +85°C
SH5126SV351838SE	4GB	30.00	512M x64	512M x8	1866 MT/s	1.35V	0°C to +70°C
SH5126SV351872SE	4GB	30.00	512M x64	512M x8	1066 MT/s	1.35V	0°C to +70°C
SH5126SV351816HD	4GB	30.00	512M x64	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5126SV351816SD	4GB	30.00	512M x64	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5126SV351816SE	4GB	30.00	512M x64	512M x8	1600 MT/s	1.35V	0°C to +70°C
SH5126SV325816NI	4GB	30.00	512M x64	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5126SV325816SF	4GB	30.00	512M x64	256M x8	1600 MT/s	1.35V	0°C to +70°C
SH5123SV325816NI	4GB	30.00	512M x32	256M x8	1600 MT/s	1.35V	0°C to +70°C
SHI5126SV325816SF	4GB	30.00	512M x64	256M x8	1600 MT/s	1.35V	-40°C to +85°C
SHI5126SV351816SD	4GB	30.00	512M x64	512M x8	1600 MT/s	1.35V	-40°C to +85°C
SH5126SV321616SE	4GB	30.00	512M x64	256M x16	1600 MT/s	1.35V	0°C to +70°C
SH2566SV321616HE	2GB	30.00	256M x64	256M x16	1600 MT/s	1.35V	0°C to +70°C
SHI2566SV325816MK	2GB	30.00	256M x64	256M x8	1600 MT/s	1.35V	-40°C to +85°C
SH2566SO321616SE	2GB	30.00	256M x64	256M x16	1600 MT/s	1.5V	0°C to +70°C
SH2566SO325893SF	2GB	30.00	256M x64	256M x8	1333 MT/s	1.5V	0°C to +70°C
SH2566SV325816NI	2GB	30.00	256M x64	256M x8	1600 MT/s	1.35V	0°C to +70°C

## DDR3 Ordering Information continued

204 PIN - DDR3 Unbuffered Non-ECC SO-DIMM cont.							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH2566SV325816SF	2GB	30.00	256M x64	256M x8	1600 MT/s	1.35V	0°C to +70°C
SHI2566SV325816SF	2GB	30.00	256M x64	256M x8	1600 MT/s	1.35V	-40°C to +85°C
SHI286SV312816SG	1GB	30.00	128M x64	128M x8	1600 MT/s	1.35V	0°C to +70°C
SHI286SV312816WK	1GB	30.00	128M x64	128M x8	1600 MT/s	1.35V	0°C to +70°C
SH2563SV312816SI	1GB	30.00	128M x64	128M x8	1600 MT/s	1.35V	0°C to +70°C
SHI1286SV312816SI	1GB	30.00	128M x64	128M x8	1600 MT/s	1.35V	-40°C to +85°C
240 PIN - DDR3 LRDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH8197LR310416-SD	64GB	30.00	8G x72	1G x4	1600 MT/s	1.5V	0°C to +70°C
SH4097LR310438-HD	32GB	30.00	4G x72	1G x4	1866 MT/s	1.5V	0°C to +70°C
SH4097LR310438-SD	32GB	30.00	4G x72	1G x4	1866 MT/s	1.5V	0°C to +70°C
240 PIN - DDR3 ECC Unbuffered XR-DIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH1027XR351816SD	8GB	38.00	1G x72	512M x8	1600 MT/s	1.5V	0°C to +70°C
SH1027XV351816SE	8GB	38.00	1G x72	512M x8	1600 MT/s	1.35V	0°C to +70°C
SHI5127XV325816SF	4GB	38.00	512M x72	256M x8	1600 MT/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
SH2566MP321616SE	2GB	22.25	256M x64	256M x16	1600 MT/s	1.35V	0°C to +70°C
SH2566MP321616MP	2GB	22.25	256M x64	256M x16	1600 MT/s	1.35V	0°C to +70°C
SH2566MP321638SE	2GB	22.25	256M x64	256M x16	1866 MT/s	1.35V	0°C to +70°C
SH2566MP321638MP	2GB	22.25	256M x64	256M x16	1866 MT/s	1.35V	0°C to +70°C
SH2566MP321616ND	2GB	22.25	256M x64	256M x16	1600 MT/s	1.35V	0°C to +70°C
SHT2566MP321616ND	2GB	22.25	256M x64	256M x16	1600 MT/s	1.35V	-40°C to +85°C
240-PIN - DDR3 ECDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SE2047RV310416HD	16GB	30	2G x72	1G x4	1600 MT/s	1.35V	0°C to +70°C

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