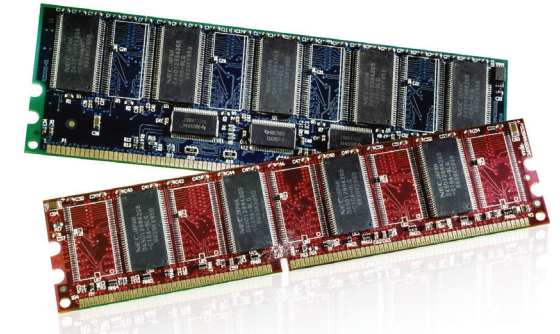


DDR2 Memory Modules

SMART Modular Technologies offers a complete lineup of DDR2 memory modules. With many advantages over standard DDR memory, including higher speeds (400 MHz to 800 MHz), lower I/O voltage 1.8V, and lower power consumption, SMART supports industry standard 240-pin DIMM, 200-pin SO-DIMM and 244-pin Mini-DIMM modules. SMART also accommodates custom DDR2 module designs based on specific OEM requirements or application trends.

Features & Benefits

- Leading-edge memory technology
- Multiple advantages over standard DDR
- Higher speeds - 400 MHz to 800 MHz
- 1.8V
- Density ranges from 512MB to 4GB



DDR2 Ordering Information

240 PIN - DDR2 RDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SS5127RD225652MM	4GB	30	512Mb x72	256Mx4	667MT/s	1.8V	0°C to +70°C
SH2567RD212852MM	2GB	30	256Mb x72	128Mx8	667MT/s	1.8V	0°C to +70°C
SH2567RD212852SJ	2GB	30	256Mb x72	128Mx8	667MT/s	1.8V	0°C to +70°C
SS2567RD225652MM	2GB	30	256Mb x72	256Mx4	667MT/s	1.8V	0°C to +70°C
SH1287RD212851SJ	1GB	30	128Mb x72	128Mx8	800MT/s	1.8V	0°C to +70°C
240 PIN - DDR2 VLP RDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH2567RD212851SJ	2GB	18.3	256Mb x72	128Mx8	800MT/s	1.8V	0°C to +70°C
SH2567RD225651MMV	2GB	18.75	256Mb x72	256Mx4	800MT/s	1.8V	0°C to +70°C
SS1287RD212851MMV	1GB	18.3	128Mb x72	128Mx8	800MT/s	1.8V	0°C to +70°C
SS1287RD212852SJ	1GB	18.3	128Mb x72	128Mx8	667MT/s	1.8V	0°C to +70°C
240 PIN - DDR2 Non-ECC UDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH1286UD212851SJ	1GB	30	128Mb x64	128Mx8	800MT/s	1.8V	0°C to +70°C
240 PIN - DDR2 ECC UDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH2567UD212851SJ	2GB	30	256Mb x72	128Mx8	800MT/s	1.8V	0°C to +70°C
SH2567UD212852SJ	2GB	30	256Mb x72	128Mx8	667MT/s	1.8V	0°C to +70°C
SH1287UD212852SJ	1GB	30	128Mb x72	128Mx8	667MT/s	1.8V	0°C to +70°C
SH647UD264852WK	512MB	30	64Mb x72	64Mx8	667MT/s	1.8V	0°C to +70°C
240 PIN - DDR2 ECC VLP UDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SS1287UD212852SJ	1GB	18.29	128Mb x72	128Mx8	667MT/s	1.8V	0°C to +70°C

DDR2

DDR2 Ordering Information

244 PIN - DDR2 ECC Mini-RDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SS5127MR225861MC	4GB	30	512Mb x72	256Mx8	800MT/s	1.8V	0°C to +70°C
SS2567MR212851MM	2GB	30	256Mb x72	128Mx8	800MT/s	1.8V	0°C to +70°C
SS2567MR212852SJ	2GB	30	256Mb x72	128Mx8	667MT/s	1.8V	0°C to +70°C
SS1287MR212851MM	1GB	30	128Mb x72	128Mx8	800MT/s	1.8V	0°C to +70°C
244 PIN - DDR2 VLP Mini-RDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH2567MR225851MCV	2GB	18.3	256Mb x72	256Mx8	800MT/s	1.8V	0°C to +70°C
SH2567MR225851WKV	2GB	18.3	256Mb x72	256Mx8	800MT/s	1.8V	0°C to +70°C
SS2567MR212851SJV	2GB	18.3	256Mb x72	128Mx8	800MT/s	1.8V	0°C to +70°C
SH1287MR212851MMV	1GB	18.3	128Mb x72	128Mx8	800MT/s	1.8V	0°C to +70°C
SH1287MR212851SJV	1GB	18.3	128Mb x72	128Mx8	800MT/s	1.8V	0°C to +70°C
244 PIN - DDR2 ECC Mini-UDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SS1287MU212852SJ	1GB	30	128Mb x72	128Mx8	667MT/s	1.8V	0°C to +70°C
244 PIN - DDR2 ECC VLP Mini-UDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SS1287MU212861SJV	1GB	18.29	128Mb x72	128Mx8	800MT/s	1.8V	0°C to +70°C
SS1287MU212861WSV	1GB	18.29	128Mb x72	128Mx8	800MT/s	1.8V	0°C to +70°C
200 PIN - DDR2 ECC SOCDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SS2567SO212852SJ	2GB	30	256Mb x72	128Mx8	667MT/s	1.8V	0°C to +70°C
SS1287SO212851SJ	1GB	30	128Mb x72	128Mx8	800MT/s	1.8V	0°C to +70°C
SS647SO264852SN	512MB	30	64Mb x72	64Mx8	667MT/s	1.8V	0°C to +70°C
SS647SO264852WK	512MB	30	64Mb x72	64Mx8	667MT/s	1.8V	0°C to +70°C
200 PIN - DDR2 ECC SORDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH2567SR225852MC	2GB	30	256Mb x72	256Mx8	667MT/s	1.8V	0°C to +70°C
SS2567SR212852MM	2GB	30	256Mb x72	128Mx8	667MT/s	1.8V	0°C to +70°C
SS1287SR212852SJ	1GB	30	128Mb x72	128Mx8	667MT/s	1.8V	0°C to +70°C
SS647SR264851WK	512MB	30	64Mb x72	64Mx8	800MT/s	1.8V	0°C to +70°C

DDR2 Ordering Information

200 PIN - DDR2 Non-ECC SODIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH5126SO225852MC1	4GB	30	512Mb x64	256Mx8	667MT/s	1.8V	0°C to +70°C
SS2566SO225861WK	2GB	30	256Mb x64	256Mx8	800MT/s	1.8V	0°C to +70°C
SH2566SO212861SJ	2GB	30	256Mb x64	128Mx8	800MT/s	1.8V	0°C to +70°C
SS2566SO225861MC	2GB	30	256Mb x64	256Mx8	800MT/s	1.8V	0°C to +70°C
SH2566SO212852SJ	2GB	30	256Mb x64	128Mx8	667MT/s	1.8V	0°C to +70°C
SS2566SO212852MM	2GB	30	256Mb x64	128Mx8	667MT/s	1.8V	0°C to +70°C
SS1286SO212861SJ	1GB	30	128Mb x64	128Mx8	800MT/s	1.8V	0°C to +70°C
SH1286SO264852SN	1GB	30	128Mb x64	64Mx8	667MT/s	1.8V	0°C to +70°C
SS1286SO212852MM	1GB	30	128Mb x64	128Mx8	667MT/s	1.8V	0°C to +70°C
SS1286SO212852SJ	1GB	30	128Mb x64	128Mx8	667MT/s	1.8V	0°C to +70°C
SS1286SO264652MM	1GB	30	128Mb x64	64Mx16	667MT/s	1.8V	0°C to +70°C
SS1286SO264652SJ	1GB	30	128Mb x64	64Mx16	667MT/s	1.8V	0°C to +70°C
SST1286SO264652MM	1GB	30	128Mb x64	64Mx16	667MT/s	1.8V	-40°C to +85°C
SST1286SO264652WK	1GB	30	128Mb x64	64Mx16	667MT/s	1.8V	-40°C to +85°C
SS646SO232652MH	512MB	30	64Mb x64	32Mx16	667MT/s	1.8V	0°C to +70°C
SS646SO264652MM	512MB	30	64Mb x64	64Mx16	667MT/s	1.8V	0°C to +70°C
SS646SO264652SJ	512MB	30	64Mb x64	64Mx16	667MT/s	1.8V	0°C to +70°C
SS646SO264852MH	512MB	30	64Mb x64	64Mx8	667MT/s	1.8V	0°C to +70°C
SS646SO264861WK	512MB	30	64Mb x64	64Mx8	800MT/s	1.8V	0°C to +70°C
SST646SO264861WK	512MB	30	64Mb x64	64Mx8	800MT/s	1.8V	-40°C to +85°C

Contact information

Corporate Headquarters/North America: T: (+1) 800-956-7627 • T: (+1) 510-623-1231 • F: (+1) 510-623-1434 • E: info@smartm.com

Customer Service: T: (+1) 978-303-8500 • E: customers@smartm.com

Latin America: T: (+55) 11 4417-7200 • E: sales.br@smartm.com

EMEA: T: (+44) 7825-084427 • E: sales.euro@smartm.com

Asia/Pacific: T: (+65) 6678-7670 • E: sales.asia@smartm.com

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

