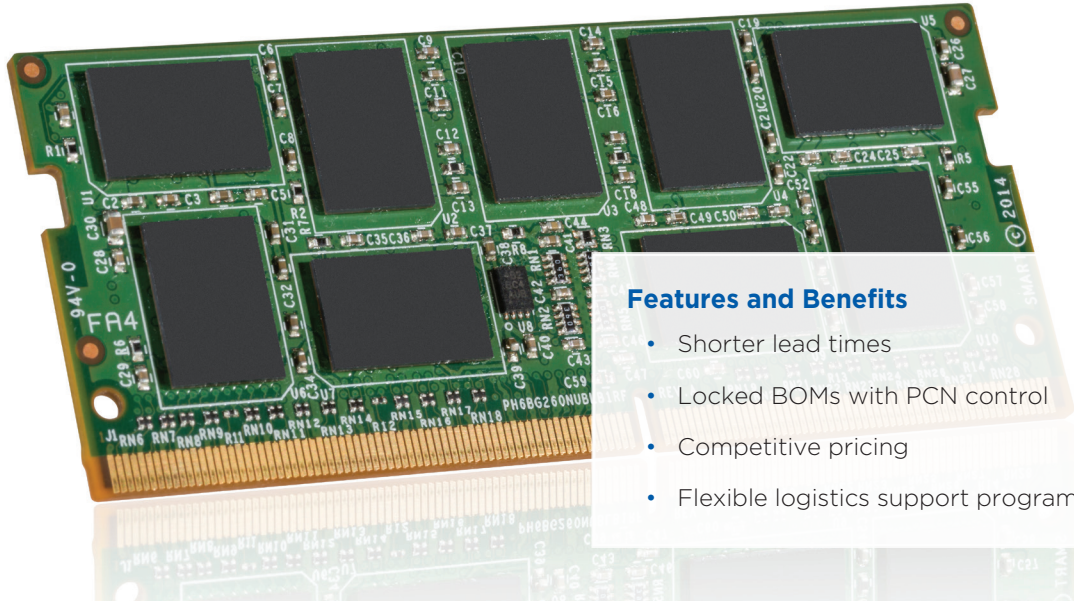


Industrial Grade Modules

Industrial Memory



Features and Benefits

- Shorter lead times
- Locked BOMs with PCN control
- Competitive pricing
- Flexible logistics support programs

SMART offers a wide lineup of DDR4 and DDR3 Industrial Grade Modules which are 100% system tested from -40° C to +85° C. SMART also supports extended temperature ranges beyond industrial grade from -50° C ambient to +105° C ambient. Testing duration for Industrial and Extended Grade Modules varies depending on density and is done using high utilization test software. SMART's rigorous testing process is specifically designed to ensure these modules are well-suited to operate in harsh, long-life computing environments.

Applications

- Base stations and outdoor telecom equipment
- Ideal for industrial, defense, aerospace, kiosk and digital signage
- Densely configured computing applications with limited airflow
- Other server and storage applications

288-PIN - DDR4 RDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
STI4097RD420493-SC	32GB	31.25	4Gb x72	2Gx4	2666MT/s	1.2V	-40°C to +85°C
STI4097RD420493SC	32GB	31.25	4Gb x72	2Gx4	2666MT/s	1.2V	-40°C to +85°C
STI2047RD420425-SD	16GB	31.25	2Gb x72	2Gx4	3200MT/s	1.2V	-40°C to +85°C
STI2047RD410893-SC	16GB	31.25	2Gb x72	1Gx8	2666MT/s	1.2V	-40°C to +85°C
STI2047RD420493-SC	16GB	31.25	2Gb x72	2Gx4	2666MT/s	1.2V	-40°C to +85°C
STI2047RD410893SC	16GB	31.25	2Gb x72	1Gx8	2666MT/s	1.2V	-40°C to +85°C
STI1027RD410893SC	8GB	31.25	1Gb x72	1Gx8	2666MT/s	1.2V	-40°C to +85°C
STI1027RD451893SF	8GB	31.25	1Gb x72	512Mx8	2666MT/s	1.2V	-40°C to +85°C

288-PIN - DDR4 VLP RDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
STI2047RD420493SCV	16GB	31.25	2Gb x72	2Gx4	2666MT/s	1.2V	-40°C to +85°C

288-PIN - DDR4 ECC UDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
STI2047UD410893SC	16GB	31.25	2Gb x72	1Gx8	2666MT/s	1.2V	-40°C to +85°C
STI1027UD410872SC	8GB	31.25	1Gb x72	1Gx8	2400MT/s	1.2V	-40°C to +85°C

288-PIN - DDR4 Non-ECC UDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
STI2046UD410893-SC	16GB	31.25	2Gb x64	1Gx8	2666MT/s	1.2V	-40°C to +85°C
STI5126UD451893SF	4GB	31.25	512Mb x64	512Mx8	2666MT/s	1.2V	-40°C to +85°C

288-PIN - DDR4 ECC ULP UDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
STI4097UD420893SAU	32GB	17.78	4Gb x72	2Gx8	2666MT/s	1.2V	-40°C to +85°C

288-PIN - DDR4 ECC VLP Mini-UDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
STI2047MU410872SCV	16GB	18.75	2Gb x72	1Gx8	2400MT/s	1.2V	-40°C to +85°C
STI1027MU410872SCV	8GB	18.75	1Gb x72	1Gx8	2400MT/s	1.2V	-40°C to +85°C

260-PIN - DDR4 Non-ECC SO-DIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
STI4096SO420893-SM	32GB	30	32Gb x64	2Gx8	2666MT/s	1.2V	-40°C to +85°C
STI2046SO410825-SD	16GB	30	2Gb x64	1Gx8	3200MT/s	1.2V	-40°C to +85°C
STI2046SO410893-SD	16GB	30	2Gb x64	1Gx8	2666MT/s	1.2V	-40°C to +85°C
STI2046SO410893SC	16GB	30	2Gb x64	1Gx8	2666MT/s	1.2V	-40°C to +85°C
STI1026SO410825-SD	8GB	30	1Gb x64	1Gx8	3200MT/s	1.2V	-40°C to +85°C
STI1026SO410893-SD	8GB	30	1Gb x64	1Gx8	2666MT/s	1.2V	-40°C to +85°C
STI5126SO451893SF	4GB	30	512Mb x64	512Mx8	2666MT/s	1.2V	-40°C to +85°C

260-PIN - DDR4 ECC SO-DIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
STI4097SO420814SA	32GB	30	4Gb x72	2Gx8	2933MT/s	1.2V	-40°C to +85°C
STI4097SO420893SA	32GB	30	4Gb x72	2Gx8	2666MT/s	1.2V	-40°C to +85°C
STI2047SO410825SC	16GB	30	2Gb x72	1Gx8	3200MT/s	1.2V	-40°C to +85°C
STI2047SO410893SC	16GB	30	2Gb x72	1Gx8	2666MT/s	1.2V	-40°C to +85°C
STI1027SO410893SC	8GB	30	1Gb x72	1Gx8	2666MT/s	1.2V	-40°C to +85°C
STI1027SO451893SF	8GB	30	1Gb x72	512Mx8	2666MT/s	1.2V	-40°C to +85°C
STI5127SO451893SF	4GB	30	512Mb x72	512Mx8	2666MT/s	1.2V	-40°C to +85°C

216-PIN - DDR4 MIP

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
STT5126MP451693ME	4GB	22.25	512Mb x64	512Mx16	2666MT/s	1.2V	-40°C to +85°C
STT2566MP421693ND	2GB	22.25	256Mb x64	256Mx16	2666MT/s	1.2V	-40°C to +85°C

DDR3 Industrial Grade Memory Modules - Ordering Information**240 PIN - DDR3 RDIMM**

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SPI2047RV310438SE	16GB	30	2Gb x72	1Gx4	1866MT/s	1.35V	-40°C to +85°C

240 PIN - DDR3 VLP RDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SPI1027RV351816SEV	8GB	18.75	1Gb x72	512Mx8	1600MT/s	1.35V	-40°C to +85°C

DDR3 Industrial Grade Memory Modules - Ordering Information continued

244 PIN - DDR3 VLP Mini-RDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SPI1027MV351816MPV	8GB	18.3	1Gb x72	512Mx8	1600MT/s	1.35V	-40°C to +85°C

204 PIN - DDR3 On-Chip ECC SO-DIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SPT102ESV351816GC	8GB	30	1Gb x64	512Mx8	1600MT/s	1.35V	-40°C to +85°C

204 PIN - DDR3 Non-ECC SO-DIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SPT2046SV310816GB	16GB	30	2Gb x64	1Gx8	1600MT/s	1.35V	-40°C to +85°C
SPI1026SV351838SE	8GB	30	1Gb x64	512Mx8	1866MT/s	1.35V	-40°C to +85°C
SPI1026SV351816SE1	8GB	30	1Gb x64	512Mx8	1600MT/s	1.35V	-40°C to +85°C
SPI5126SV351838SE	4GB	30	512Mb x64	512Mx8	1866MT/s	1.35V	-40°C to +85°C
SPI5126SV351816SE	4GB	30	512Mb x64	512Mx8	1600MT/s	1.35V	-40°C to +85°C
SPI2566SV325816SF	2GB	30	256Mb x64	256Mx8	1600MT/s	1.35V	-40°C to +85°C
SPI2566SV325838SF	2GB	30	256Mb x64	256Mx8	1866MT/s	1.35V	-40°C to +85°C

204 PIN - DDR3 ECC SO-RDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SPI1027SL351816SE	8GB	30	1Gb x72	512Mx8	1600MT/s	1.35V	-40°C to +85°C
SPI5127SL351816SE	4GB	30	512Mb x72	512Mx8	1600MT/s	1.35V	-40°C to +85°C

204 PIN - DDR3 ECC SO-UDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SPT2047SV310816GB	16GB	30	2Gb x72	1Gx8	1600MT/s	1.35V	-40°C to +85°C
SPI1027SV351816SE	8GB	30	1Gb x72	512Mx8	1600MT/s	1.35V	-40°C to +85°C
SPI5127SV351816SE	4GB	25.4	512Mb x72	512Mx8	1600MT/s	1.35V	-40°C to +85°C
SPI2567SO325838SF	2GB	25.4	256Mb x72	256Mx8	1866MT/s	1.5V	-40°C to +85°C

244 PIN - DDR3 Non-ECC UDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SPI1026UV351838SE	8GB	30	1Gb x64	512Mx8	1866MT/s	1.35V	-40°C to +85°C
SPI1026UV351816SE	8GB	30	1Gb x64	512Mx8	1600MT/s	1.35V	-40°C to +85°C
SPI5126UV351838SE	4GB	30	512Mb x64	512Mx8	1866MT/s	1.35V	-40°C to +85°C
SPI2566UV325838SF	2GB	30	256Mb x64	256Mx8	1866MT/s	1.35V	-40°C to +85°C
SPI2566UV325816SF	2GB	30	256Mb x64	256Mx8	1600MT/s	1.35V	-40°C to +85°C

244 PIN - DDR3 ULP Mini-UDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SPI1027ML351816SEU	8GB	17.78	1Gb x72	512Mx8	1600MT/s	1.35V	-40°C to +85°C

244 PIN - DDR3 VLP Mini-UDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SPI5127ML351816SEV	4GB	18.75	512Mb x72	512Mx8	1600MT/s	1.35V	-40°C to +85°C
SPI2567ML325816SFV	2GB	18.75	256Mb x72	256Mx8	1600MT/s	1.35V	-40°C to +85°C

240 PIN - DDR3 XRDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SPI1027XV351816SE	8GB	38	1Gb x72	512Mx8	1600MT/s	1.35V	-40°C to +85°C
SPI5127XV325816SF	4GB	38	512Mb x72	256Mx8	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
SPT2566MP321638NE	2GB	22.25	256Mb x64	256Mx16	1866MT/s	1.35V	-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) 510-623-1231 • E: customers@smartm.com

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

EMEA: T: (+44) 0 7826-064-745 • E: sales.euro@smartm.com

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

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

