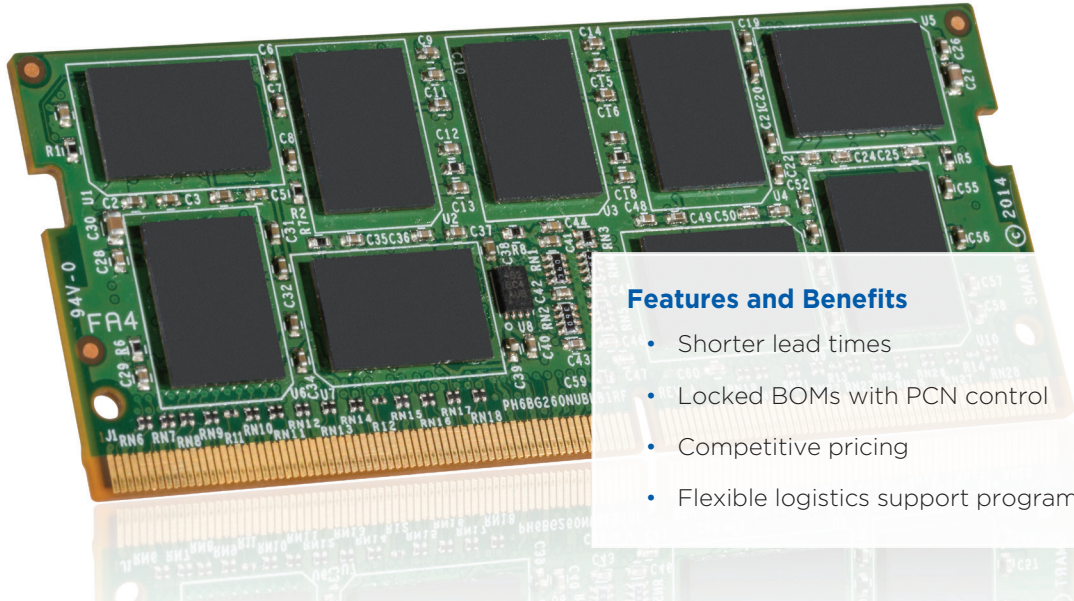


Industrial Grade Modules

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's Industrial Grade Modules 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

DDR4 Industrial Grade Memory Modules - Ordering Information

288-PIN - DDR4 RDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
STI2047RD420493-SC	16GB	31.25	2Gb x72	2Gx4	2666MT/s	1.2V	-40°C to +85°C
SHI1027RD410493SE	8GB	31.25	1Gb x72	1Gx4	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

288-PIN - DDR4 VLP RDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SHI2047RD420472SCV	16GB	18.75	2Gb x72	2Gx4	2400MT/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
SHI2047UD410872SC	16GB	31.25	2Gb x72	1Gx8	2400MT/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 SODIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SHI2046SO410893-SC	16GB	30	2Gb x64	1Gx8	2666MT/s	1.2V	-40°C to +85°C
SHI2046SO410872-SB	16GB	30	2Gb x64	1Gx8	2400MT/s	1.2V	-40°C to +85°C
SHI5126SO451672-SC	4GB	30	512Mb x64	512Mx16	2400MT/s	1.2V	-40°C to +85°C

260-PIN - DDR4 ECC SODIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SHI2047SO410872-SB	16GB	30	2Gb x72	1Gx8	2400MT/s	1.2V	-40°C to +85°C
SHI2047SO410872SC	16GB	30	2Gb x72	1Gx8	2400MT/s	1.2V	-40°C to +85°C
STI1027SO410893SC	8GB	30	1Gb x72	1Gx8	2666MT/s	1.2V	-40°C to +85°C
SHI1027SO451872SE	8GB	30	1Gb x72	512Mx8	2400MT/s	1.2V	-40°C to +85°C
SHI5127SO451872SE	4GB	30	512Mb x72	512Mx8	2400MT/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

244 PIN - DDR3 ULP Mini-RDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SHI1027MV351838SEU	8GB	17.78	1Gb x72	512Mx8	1866MT/s	1.35V	-40°C to +85°C

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 ECC SODIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SPI1027SV351816SE	8GB	30	512Mb x72	512Mx8	1600MT/s	1.35V	-40°C to +85°C

204 PIN - DDR3 Non-ECC SODIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SPI1026SV351816SE	8GB	30	1Gb x64	512Mx8	1600MT/s	1.35V	-40°C to +85°C
SPI5126SV351816SE	4GB	30	512Mb x64	512Mx8	1600MT/s	1.35V	-40°C to +85°C
SHI2566SV325816MK	2GB	30	256Mb x64	256Mx8	1600MT/s	1.35V	-40°C to +85°C
SPI2566SV325816SF	2GB	30	256Mb x64	256Mx8	1600MT/s	1.35V	-40°C to +85°C

204 PIN - DDR3 ECC SORDIMM

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 SODIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SPI5127SV351816SEV	4GB	25.4	512Mb x72	512Mx8	1600MT/s	1.35V	-40°C to +85°C

DDR3 Industrial Grade Memory Modules - Ordering Information continued

244 PIN - DDR3 Non-ECC UDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SPI1026UV351816SE	8GB	30	1Gb x64	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

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

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

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