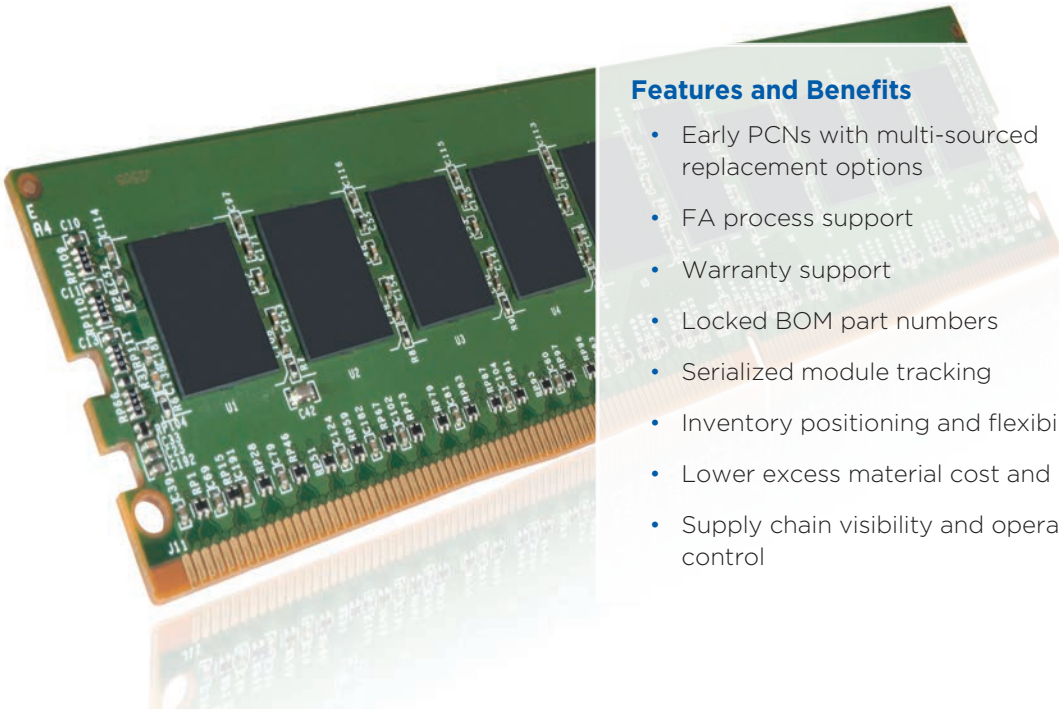


DDR4 Value Memory

Features and Benefits

- Early PCNs with multi-sourced replacement options
- FA process support
- Warranty support
- Locked BOM part numbers
- Serialized module tracking
- Inventory positioning and flexibility
- Lower excess material cost and risk
- Supply chain visibility and operational control



SMART offers a wide lineup of Value Memory; cost-effective Tier 1 ODM JEDEC-standard DDR4 memory modules designed for budget conscious applications. SMART is able to provide this series of Value Memory modules by leveraging its more than \$1 Billion of purchasing power with its supplier relationships. SMART buys its finished lineup of commodity-class memory modules directly from Samsung[®], Micron[®] and Hynix[®]. These module types, densities, and speed grades are the most commonly used for high performance computing, data center, networking, storage appliance, industrial and embedded computing applications. SMART backs its OEM customers with direct pre- and post-sale engineering support. SMART's goal is to supply the most reliable and highest quality memory to OEMs at competitive prices with the shortest possible lead time, and back it with the industry's best service and support.

Applications

- Industry segments and/or OEMs using mainstream JEDEC-standard modules

Additional Services

- Full support from SMART as your DRAM supplier
- Cost effective and economic solutions
- Quick turnarounds on time-sensitive jobs

DDR4 Memory Modules

288-PIN - DDR4 RDIMM (Standard Height & VLP)

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
SH1637RD420423-SB	128GB	31.25	16Gb x72	2Gx4	2666MT/s	1.2V	0°C to +70°C
SH1637RD420492-SB	128GB	31.25	16Gb x72	2Gx4	2400MT/s	1.2V	0°C to +70°C
SH8197RD420423-SB	64GB	31.25	8Gb x72	2Gx4	2666MT/s	1.2V	0°C to +70°C
SH8197RD420492-SB	64GB	31.25	8Gb x72	2Gx4	2400MT/s	1.2V	0°C to +70°C
ST4097RD420414-SC	32GB	31.25	4Gb x72	2Gx4	2933MT/s	1.2V	0°C to +70°C
STI4097RD420493-SC	32GB	31.25	4Gb x72	2Gx4	2666MT/s	1.2V	-40°C to +85°C
SH4097RD420493-SC	32GB	31.25	4Gb x72	2Gx4	2666MT/s	1.2V	0°C to +70°C
ST4097RD420493-HC	32GB	31.25	4Gb x72	2Gx4	2666MT/s	1.2V	0°C to +70°C
STB4097RD420493-SC	32GB	31.25	4Gb x72	2Gx4	2666MT/s	1.2V	0°C to +70°C
ST4097RD420493-MD	32GB	31.25	4Gb x72	2Gx4	2666MT/s	1.2V	0°C to +70°C
ST2047RD420414-HC	16GB	31.25	2Gb x72	2Gx4	2933MT/s	1.2V	0°C to +70°C
ST2047RD420414-SC	16GB	31.25	2Gb x72	2Gx4	2933MT/s	1.2V	0°C to +70°C
SH2047RD410893-SC	16GB	31.25	2Gb x72	1Gx8	2666MT/s	1.2V	0°C to +70°C
SH2047RD420493-SC	16GB	31.25	2Gb x72	2Gx4	2666MT/s	1.2V	0°C to +70°C
ST2047RD410893-HC	16GB	31.25	2Gb x72	1Gx8	2666MT/s	1.2V	0°C to +70°C
ST2047RD420493-HC	16GB	31.25	2Gb x72	2Gx4	2666MT/s	1.2V	0°C to +70°C
STI2047RD420493-SC	16GB	31.25	2Gb x72	2Gx4	2666MT/s	1.2V	-40°C to +85°C
SH1027RD410493-HB	8GB	31.25	1Gb x72	1Gx4	2666MT/s	1.2V	0°C to +70°C
ST1027RD410893-HC	8GB	31.25	1Gb x72	1Gx8	2666MT/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
SH2046UD410893-SC	16GB	31.25	2Gb x64	1Gx8	2666MT/s	1.2V	0°C to +70°C
ST2046UD410893-HC	16GB	31.25	2Gb x64	1Gx8	2666MT/s	1.2V	0°C to +70°C
SH1026UD410893-SC	8GB	31.25	1Gb x64	1Gx8	2666MT/s	1.2V	0°C to +70°C
ST5126UD451693-SC	4GB	31.25	512Mb x64	512Mx16	2666MT/s	1.2V	0°C to +70°C

260-PIN - DDR4 ECC SODIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
ST4097SO420893-SM	32GB	30	4Gb x72	2Gx8	2666MT/s	1.2V	0°C to +70°C
SH1027SO410893-HC	8GB	30	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	Device Config	Speed	Voltage	Temp
SH2046SO410893-SC	16GB	30	2Gb x64	1Gx8	2666MT/s	1.2V	0°C to +70°C
SHI2046SO410893-SC	16GB	30	2Gb x64	1Gx8	2666MT/s	1.2V	-40°C to +85°C
ST2046SO410893-HC	16GB	30	2Gb x64	1Gx8	2666MT/s	1.2V	0°C to +70°C
SH1026SO410893-SC	8GB	30	1Gb x64	1Gx8	2666MT/s	1.2V	0°C to +70°C
ST1026SO410893-HC	8GB	30	1Gb x64	1Gx8	2666MT/s	1.2V	0°C to +70°C
SH1026SO410872-SC	8GB	30	1Gb x64	1Gx8	2400MT/s	1.2V	0°C to +70°C
ST5126SO451693-HC	4GB	30	512Mb x64	512Mx16	2666MT/s	1.2V	0°C to +70°C
ST5126SO451672-HC	4GB	30	512Mb x64	512Mx16	2400MT/s	1.2V	0°C to +70°C
ST5126SO451693-SC	4GB	30	512Mb x64	512Mx16	2400MT/s	1.2V	0°C to +70°C
SH2566SO421672-HB	2GB	30	256Mb x64	256Mx16	2400MT/s	1.2V	0°C to +70°C

288-PIN - DDR4 LRDIMM

SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
ST1637LR420414-SM	128GB	31.25	16Gb x72	4Gx4	2933MT/s	1.2V	0°C to +70°C
SH1637LR420423-HM	128GB	31.25	16Gb x72	2Gx4	2666MT/s	1.2V	0°C to +70°C
ST8197LR420414-SC	64GB	31.25	8Gb x72	2Gx4	2933MT/s	1.2V	0°C to +70°C
SH8197LR420493-SC	64GB	31.25	8Gb x72	2Gx4	2666MT/s	1.2V	0°C to +70°C

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