



# Kingston Technology KSM32RS4/32MFR memory module 32 GB 1 x 32 GB DDR4 3200 MHz ECC

**Brand :** Kingston Technology

**Product code:** KSM32RS4/32MFR



**Product name :** KSM32RS4/32MFR

- 16 internal banks
- Bi-Directional Differential Data Strobe
- 8 bit pre-fetch
- Burst Length (BL) switch on-the-fly BL8 or BC4(Burst Chop)
- Supports ECC error correction and detection
- On-Die Termination (ODT)
- Temperature sensor with integrated SPD
- This product is in compliance with the RoHS directive
- Per DRAM Addressability is supported
- Internal Vref DQ level generation is available
- Write CRC is supported at all speed grades
- CA parity (Command/Address Parity) mode is supported



32GB, DDR4, 3200MT/s, ECC, Registered, DIMM, CL22, 1RX4, 1.2V, 288-pin, 16Gbit  
Kingston Technology KSM32RS4/32MFR. Component for: PC/Server, Internal memory: 32 GB, Memory layout (modules x size): 1 x 32 GB, Internal memory type: DDR4, Memory clock speed: 3200 MHz, Memory form factor: 288-pin DIMM, CAS latency: 22, ECC

Features		Features	
Buffered memory type	Registered (buffered)	Row active time	32 ns
CAS latency	22	SPD profile	✓
Internal memory *	32 GB	Programming power voltage (VPP)	2.5 V
Memory layout (modules x size) *	1 x 32 GB	Lead plating	Gold
Internal memory type *	DDR4	JEDEC standard	✓
Memory clock speed *	3200 MHz	<b>Operational conditions</b>	
Component for *	PC/Server	Operating temperature (T-T)	0 - 85 °C
Memory form factor *	288-pin DIMM	Storage temperature (T-T)	-55 - 100 °C
ECC *	✓	<b>Technical details</b>	
Memory ranking	1	Compliance certificates	RoHS
Memory voltage	1.2 V	<b>Weight &amp; dimensions</b>	
Module configuration	4096M x 72	Width	133.3 mm
Row cycle time	45.75 ns	Height	18.8 mm
Refresh row cycle time	350 ns	<b>Logistics data</b>	
		Harmonized System (HS) code	84733020



0740617328721



740617328721

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.