

Wide Temperature Range Version 4M SRAM (512-kword × 8-bit) SRAM 512Kx8-55

Manufacturers	<a href="#">Renesas Technology Corp</a>
Package/Case	TSOP-32
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for R1LP0408CSB-5SI or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

R1LP0408CSB-5SI is a specific model of low-power SDRAM (Synchronous Dynamic Random Access Memory) that is manufactured by the Renesas Electronics Corporation. Here are some of its key features:

### Features

- 512M bits (32M words x 16 bits) SDRAM
- Double Data Rate architecture: two data transfers per clock cycle
- Low power consumption: 1.8V~3.3V power supply
- Fully synchronous operation: all signals are registered on the positive edge of the clock signal
- Fast access time: 5ns (max.)
- CAS latency: 2, 3, or 4 clock cycles
- Auto Refresh and Self Refresh Modes
- RoHS compliant and halogen-free

### Application

- Consumer electronics: digital cameras, camcorders, LCD TVs, set-top boxes, and gaming consoles
- Computer systems: laptops, desktops, servers, and workstations
- Communication equipment: routers, switches, and wireless base stations
- Automotive electronics: navigation systems, infotainment systems, and driver assistance systems

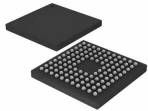


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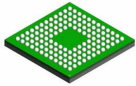
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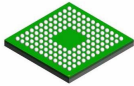
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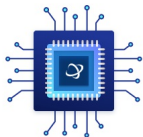
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