

SOSAM DDR5 SODIMM 16GB 5600

Datasheet Ver1.0

I.Product Basic Information

- Memory Type: PC5-44800 DDR5 SDRAM 262pins SODIMM
- Memory Model: DDR5-5600 VDD-1.1V
- Memory Capacity: 16GB
- IC Model: DDR5-2Gbx8

II.Technical Specifications

2.1 Memory Parameters

Item	Specification
Part Number	KMD5S16GD1M456DC
Work CL	CL=46, 46-46-46-90
Capacity	16GB
IC Model	D8DDZ
IC Organization	2Gbx8
IC Quantity	8
Voltage	VDD=1.1V / VDDQ=1.1V / VPP=1.8V
PMIC Model	RICHTEK-RTQ5136
SPD Model	TD-SPD5188
SPD	Yes
XMP	No
PCB Model	KO-10287

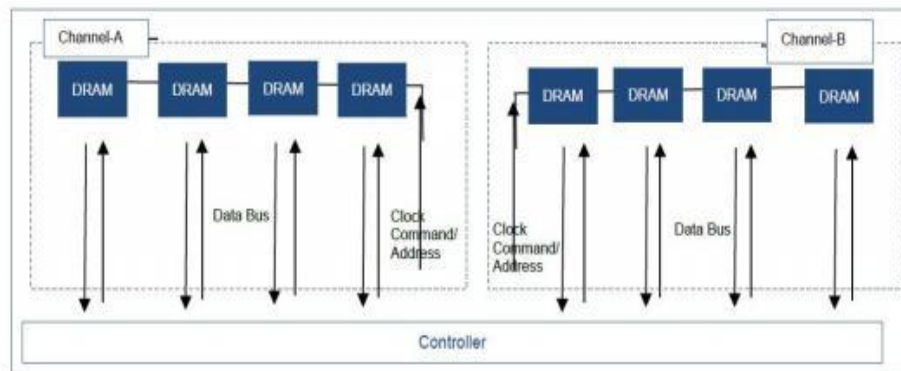
2.2 Environmental Requirements

Item	Specification
Operating Temperature	Commercial (0°C ≤ TOPER ≤ 95°C)
Operating Humidity	Relative Humidity: 10% - 90%
Storage Temperature	-50°C - 100°C
Storage Humidity	Relative Humidity: 5% - 95%
Working Storage Pressure	69 - 105KPa

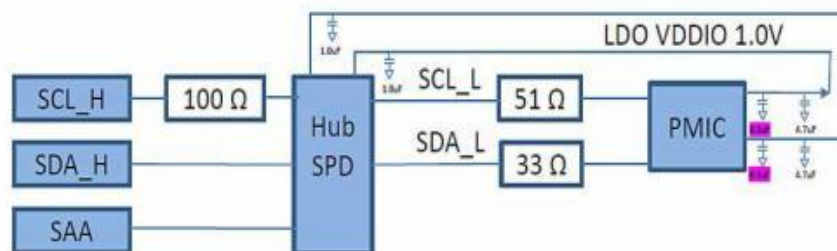
2.3 SPD Description

SPD Must Meet JEDEC DDR5 standard.

IV.Memory Function Block Diagram



I2C/I3C - Sideband/SMBUS Topology



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For More Information

For Technical Support:

If additional support is needed, please visit the SOSAM Web site at www.kumi2020.com

for the following topics:

- **Warranty Services:** Includes the warranty service policy and the RMA requestforms.
- **Technical Information:** Includes product data sheets and various USB whitepapers.
- **Tools Section:** Includes frequently asked questions (FAQs).