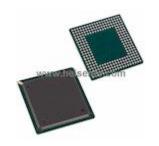


### DS3070W-100# Information



For Reference Only

Part Number DS3070W-100#
Manufacturer Maxim Integrated
Category Integrated Circuits (ICs)

Memory

**Description** IC NVSRAM 16MBIT 100NS 256BGA

Package 256-BGA

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **DS3070W-100# Specifications**

Manufacturer Part NumberDS3070W-100#ManufacturerMaxim IntegratedCategoryIntegrated Circuits (ICs)MemoryMemoryPackage256-BGASeries-Memory TypeNon-VolatileMemory FormatNVSRAMTechnologyNVSRAM (Non-Volatile SRAM)Memory Size16Mb (2M x 8)Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page100nsAccess Time100nsVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case256-BGASupplier Device Package256-BGASupplier Device Package256-BGA (27x27)	•	
Category         Integrated Circuits (ICs)           Memory         Memory           Package         256-BGA           Series         -           Memory Type         Non-Volatile           Memory Format         NVSRAM           Technology         NVSRAM (Non-Volatile SRAM)           Memory Size         16Mb (2M x 8)           Memory Interface         Parallel           Clock Frequency         -           Write Cycle Time - Word, Page         100ns           Access Time         100ns           Voltage - Supply         3 V ~ 3.6 V           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         256-BGA           Supplier Device Package         256-BGA (27x27)	Manufacturer Part Number	DS3070W-100#
Memory           Package         256-BGA           Series         -           Memory Type         Non-Volatile           Memory Format         NVSRAM           Technology         NVSRAM (Non-Volatile SRAM)           Memory Size         16Mb (2M x 8)           Memory Interface         Parallel           Clock Frequency         -           Write Cycle Time - Word, Page         100ns           Access Time         100ns           Voltage - Supply         3 V ~ 3.6 V           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         256-BGA           Supplier Device Package         256-BGA (27x27)	Manufacturer	Maxim Integrated
Package 256-BGA  Series -  Memory Type Non-Volatile  Memory Format NVSRAM  Technology NVSRAM (Non-Volatile SRAM)  Memory Size 16Mb (2M x 8)  Memory Interface Parallel  Clock Frequency -  Write Cycle Time - Word, Page 100ns  Access Time 100ns  Voltage - Supply 3 V ~ 3.6 V  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type Surface Mount  Package / Case 256-BGA  Supplier Device Package 256-BGA (27x27)	Category	Integrated Circuits (ICs)
Series - Memory Type Non-Volatile Memory Format NVSRAM Technology NVSRAM (Non-Volatile SRAM) Memory Size 16Mb (2M x 8) Memory Interface Parallel Clock Frequency - Write Cycle Time - Word, Page 100ns Access Time 100ns Voltage - Supply 3 V ~ 3.6 V Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 256-BGA Supplier Device Package 256-BGA (27x27)		Memory
Memory TypeNon-VolatileMemory FormatNVSRAMTechnologyNVSRAM (Non-Volatile SRAM)Memory Size16Mb (2M x 8)Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page100nsAccess Time100nsVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case256-BGASupplier Device Package256-BGA (27x27)	Package	256-BGA
Memory FormatNVSRAMTechnologyNVSRAM (Non-Volatile SRAM)Memory Size16Mb (2M x 8)Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page100nsAccess Time100nsVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case256-BGASupplier Device Package256-BGA (27x27)	Series	-
Technology  NVSRAM (Non-Volatile SRAM)  Memory Size  16Mb (2M x 8)  Memory Interface  Parallel  Clock Frequency  Write Cycle Time - Word, Page  100ns  Access Time  100ns  Voltage - Supply  Operating Temperature  40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  256-BGA  Supplier Device Package	Memory Type	Non-Volatile
Memory Size16Mb (2M x 8)Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page100nsAccess Time100nsVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case256-BGASupplier Device Package256-BGA (27x27)	Memory Format	NVSRAM
Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page100nsAccess Time100nsVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case256-BGASupplier Device Package256-BGA (27x27)	Technology	NVSRAM (Non-Volatile SRAM)
Clock Frequency  Write Cycle Time - Word, Page  100ns  Access Time  100ns  Voltage - Supply  3 V ~ 3.6 V  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  256-BGA  Supplier Device Package	Memory Size	16Mb (2M x 8)
Write Cycle Time - Word, Page  Access Time  100ns  Voltage - Supply  3 V ~ 3.6 V  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  256-BGA  Supplier Device Package	Memory Interface	Parallel
Access Time $100 \text{ns}$ Voltage - Supply $3 \text{ V} \sim 3.6 \text{ V}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C} \text{ (TA)}$ Mounting TypeSurface MountPackage / Case $256 \text{-BGA}$ Supplier Device Package $256 \text{-BGA} (27x27)$	Clock Frequency	-
Voltage - Supply $3 \text{ V} \sim 3.6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)  Mounting Type Surface Mount  Package / Case $256\text{-BGA}$ Supplier Device Package $256\text{-BGA}$	Write Cycle Time - Word, Page	100ns
Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  256-BGA  Supplier Device Package  256-BGA (27x27)	Access Time	100ns
Mounting Type Surface Mount Package / Case 256-BGA Supplier Device Package 256-BGA (27x27)	Voltage - Supply	3 V ~ 3.6 V
Package / Case 256-BGA Supplier Device Package 256-BGA (27x27)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 256-BGA (27x27)	Mounting Type	Surface Mount
	Package / Case	256-BGA
Report errors?	Supplier Device Package	256-BGA (27x27)
<u> </u>		Report errors?

### DS3070W-100# Guarantees



### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### DS3070W-100# Payment Methods



















## **DS3070W-100# Shipping Methods**













If you have any question about DS3070W-100#, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com