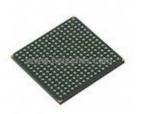




70T3319S166BC Information



For Reference Only

Part Number 70T3319S166BC

Manufacturer IDT, Integrated Device Technology Inc

Category Integrated Circuits (ICs)

Memory

Description IC SRAM 4.5MBIT 166MHZ 256CABGA

Package 256-LBGA

For the pricing/inventory/lead time, please contact

us

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



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70T3319S166BC Specifications

Manufacturer Part Number70T3319S166BCManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)Package256-LBGASeries-Memory TypeVolatileMemory FormatSRAMTechnologySRAM - Dual Port, SynchronousMemory Size4.5Mb (256K x 18)Memory InterfaceParallelClock Frequency166MHzWrite Cycle Time - Word, Page-Access Time3.6nsVoltage - Supply2.4 V ~ 2.6 VOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / Case256-LBGASupplier Device Package256-CABGA (17x17)Report errors?	•	
Category Integrated Circuits (ICs) Memory Package 256-LBGA Series - Memory Type Volatile Memory Format SRAM Technology SRAM - Dual Port, Synchronous Memory Size 4.5Mb (256K x 18) Memory Interface Parallel Clock Frequency 166MHz Write Cycle Time - Word, Page - Access Time 3.6ns Voltage - Supply 2.4 V ~ 2.6 V Operating Temperature 0°C ~ 70°C (TA) Mounting Type Surface Mount Package / Case 256-LBGA Supplier Device Package 256-CABGA (17x17)	Manufacturer Part Number	70T3319S166BC
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Memory FormatSRAMTechnologySRAM - Dual Port, SynchronousMemory Size4.5Mb (256K x 18)Memory InterfaceParallelClock Frequency166MHzWrite Cycle Time - Word, Page-Access Time3.6nsVoltage - Supply2.4 V ~ 2.6 VOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / Case256-LBGASupplier Device Package256-CABGA (17x17)	Series	-
Technology SRAM - Dual Port, Synchronous Memory Size 4.5Mb (256K x 18) Memory Interface Parallel Clock Frequency 166MHz Write Cycle Time - Word, Page - Access Time 3.6ns Voltage - Supply Operating Temperature 0°C ~ 70°C (TA) Mounting Type Surface Mount Package / Case Supplier Device Package 256-CABGA (17x17)	Memory Type	Volatile
Memory Size4.5Mb (256K x 18)Memory InterfaceParallelClock Frequency166MHzWrite Cycle Time - Word, Page-Access Time3.6nsVoltage - Supply2.4 V ~ 2.6 VOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / Case256-LBGASupplier Device Package256-CABGA (17x17)	Memory Format	SRAM
Memory Interface Parallel Clock Frequency 166MHz Write Cycle Time - Word, Page - Access Time 3.6ns Voltage - Supply 2.4 V ~ 2.6 V Operating Temperature 0°C ~ 70°C (TA) Mounting Type Surface Mount Package / Case 256-LBGA Supplier Device Package 256-CABGA (17x17)	Technology	SRAM - Dual Port, Synchronous
Clock Frequency Write Cycle Time - Word, Page - Access Time 3.6ns Voltage - Supply Operating Temperature 0°C ~ 70°C (TA) Mounting Type Surface Mount Package / Case 256-LBGA Supplier Device Package	Memory Size	4.5Mb (256K x 18)
Write Cycle Time - Word, Page Access Time 3.6ns Voltage - Supply 2.4 V ~ 2.6 V Operating Temperature 0°C ~ 70°C (TA) Mounting Type Surface Mount Package / Case 256-LBGA Supplier Device Package 256-CABGA (17x17)	Memory Interface	Parallel
Access Time $3.6ns$ Voltage - Supply $2.4 \text{ V} \sim 2.6 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / Case 256-LBGA Supplier Device Package 256-CABGA (17x17)	Clock Frequency	166MHz
Voltage - Supply $2.4 \text{ V} \sim 2.6 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / Case 256-LBGA Supplier Device Package 256-CABGA (17x17)	Write Cycle Time - Word, Page	-
Operating Temperature 0°C ~ 70°C (TA) Mounting Type Surface Mount Package / Case 256-LBGA Supplier Device Package 256-CABGA (17x17)	Access Time	3.6ns
Mounting Type Surface Mount Package / Case 256-LBGA Supplier Device Package 256-CABGA (17x17)	Voltage - Supply	2.4 V ~ 2.6 V
Package / Case 256-LBGA Supplier Device Package 256-CABGA (17x17)	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
Supplier Device Package 256-CABGA (17x17)	Mounting Type	Surface Mount
••	Package / Case	256-LBGA
Report errors?	Supplier Device Package	256-CABGA (17x17)
		Report errors?

70T3319S166BC 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.

70T3319S166BC Payment Methods



















70T3319S166BC Shipping Methods













If you have any question about 70T3319S166BC, please do not hesitate to contact us!

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