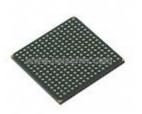




70T653MS10BC Information



For Reference Only

Part Number 70T653MS10BC

Manufacturer IDT, Integrated Device Technology Inc

Category Integrated Circuits (ICs)

Memory

Description IC SRAM 18MBIT 10NS 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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70T653MS10BC Specifications

| Manufacturer Part Number70T653MS10BCManufacturerIIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)MemoryPackage256-LBGASeries-Memory TypeVolatileMemory FormatSRAMTechnologySRAM - Dual Port, AsynchronousMemory Size18Mb (512K x 36)Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page10nsAccess Time10nsVoltage - Supply2.4 V ~ 2.6 VOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface Mount | • | |
|---|-------------------------------|--|
| Category Integrated Circuits (ICs) Memory Package 256-LBGA Series - Memory Type Volatile Memory Format SRAM Technology SRAM - Dual Port, Asynchronous Memory Size 18Mb (512K x 36) Memory Interface Parallel Clock Frequency - Write Cycle Time - Word, Page 10ns Access Time 10ns Voltage - Supply Operating Temperature O°C ~ 70°C (TA) | Manufacturer Part Number | 70T653MS10BC |
| Memory Package 256-LBGA Series - Memory Type Volatile Memory Format SRAM Technology SRAM - Dual Port, Asynchronous Memory Size 18Mb (512K x 36) Memory Interface Parallel Clock Frequency - Write Cycle Time - Word, Page 10ns Access Time 10ns Voltage - Supply 2.4 V ~ 2.6 V Operating Temperature 0°C ~ 70°C (TA) | Manufacturer | IDT, Integrated Device Technology Inc |
| Package 256-LBGA Series - Memory Type Volatile Memory Format SRAM Technology SRAM - Dual Port, Asynchronous Memory Size 18Mb (512K x 36) Memory Interface Parallel Clock Frequency - Write Cycle Time - Word, Page 10ns Access Time 10ns Voltage - Supply 2.4 V ~ 2.6 V Operating Temperature 0°C ~ 70°C (TA) | Category | Integrated Circuits (ICs) |
| Series - Wemory Type Volatile Memory Format SRAM Technology SRAM - Dual Port, Asynchronous Memory Size 18Mb (512K x 36) Memory Interface Parallel Clock Frequency - Write Cycle Time - Word, Page 10ns Access Time 10ns Voltage - Supply 2.4 V ~ 2.6 V Operating Temperature 0°C ~ 70°C (TA) | | Memory |
| Memory TypeVolatileMemory FormatSRAMTechnologySRAM - Dual Port, AsynchronousMemory Size18Mb (512K x 36)Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page10nsAccess Time10nsVoltage - Supply2.4 V ~ 2.6 VOperating Temperature0°C ~ 70°C (TA) | Package | 256-LBGA |
| Memory FormatSRAMTechnologySRAM - Dual Port, AsynchronousMemory Size $18Mb (512K \times 36)$ Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page $10ns$ Access Time $10ns$ Voltage - Supply $2.4 \text{ V} \sim 2.6 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$ | Series | - |
| Technology SRAM - Dual Port, Asynchronous Memory Size 18Mb (512K x 36) Memory Interface Parallel Clock Frequency - Write Cycle Time - Word, Page 10ns Access Time 10ns Voltage - Supply 2.4 V ~ 2.6 V Operating Temperature 0°C ~ 70°C (TA) | Memory Type | Volatile |
| Memory Size18Mb (512K x 36)Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page10nsAccess Time10nsVoltage - Supply2.4 V ~ 2.6 VOperating Temperature0°C ~ 70°C (TA) | Memory Format | SRAM |
| Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page10nsAccess Time10nsVoltage - Supply2.4 V ~ 2.6 VOperating Temperature0°C ~ 70°C (TA) | Technology | SRAM - Dual Port, Asynchronous |
| Clock Frequency Write Cycle Time - Word, Page 10ns Access Time 10ns Voltage - Supply 2.4 V ~ 2.6 V Operating Temperature 0°C ~ 70°C (TA) | Memory Size | 18Mb (512K x 36) |
| Write Cycle Time - Word, Page 10ns Access Time 10ns Voltage - Supply 2.4 V \sim 2.6 V Operating Temperature 0°C \sim 70°C (TA) | Memory Interface | Parallel |
| Access Time 10ns $ Voltage - Supply 2.4 \ V \sim 2.6 \ V $ Operating Temperature $ 0^{\circ}C \sim 70^{\circ}C \ (TA) $ | Clock Frequency | - |
| Voltage - Supply $2.4 \text{ V} \sim 2.6 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C (TA)}$ | Write Cycle Time - Word, Page | 10ns |
| Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$ | Access Time | 10ns |
| , , | Voltage - Supply | 2.4 V ~ 2.6 V |
| Mounting Type Surface Mount | Operating Temperature | $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$ |
| | Mounting Type | Surface Mount |
| Package / Case 256-LBGA | Package / Case | 256-LBGA |
| Supplier Device Package 256-CABGA (17x17) | Supplier Device Package | 256-CABGA (17x17) |
| Report errors? | | Report errors? |

70T653MS10BC 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.

70T653MS10BC Payment Methods





















70T653MS10BC Shipping Methods













If you have any question about 70T653MS10BC, please do not hesitate to contact us!

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