



70914S15PFI8 Information

Heisener.com

Part Number 70914S15PFI8

Manufacturer IDT, Integrated Device Technology Inc

Category Integrated Circuits (ICs)

Memory

Description IC SRAM 36K PARALLEL 80TQFP

Package

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



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70914S15PFI8 Specifications

| Manufacturer Part Number 70914S15PFI8 Manufacturer IDT, Integrated Device Technology Inc Category Integrated Circuits (ICs) Package 80-LQFP Series - Memory Type Volatile Memory Format SRAM Technology SRAM - Dual Port, Synchronous Memory Size 36Kb (4K x 9) Memory Interface Parallel Clock Frequency - Write Cycle Time - Word, Page - Access Time 15ns Voltage - Supply 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 80-LQFP Supplier Device Package 80-TQFP (14x14) | * | |
|--|-------------------------------|---------------------------------------|
| Category Integrated Circuits (ICs) Memory Package 80-LQFP Series - Memory Type Volatile Memory Format SRAM Technology SRAM - Dual Port, Synchronous Memory Size 36Kb (4K x 9) Memory Interface Parallel Clock Frequency - Write Cycle Time - Word, Page - Access Time 15ns Voltage - Supply 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 80-LQFP Supplier Device Package 80-TQFP (14x14) | Manufacturer Part Number | 70914S15PFI8 |
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| Series-Memory TypeVolatileMemory FormatSRAMTechnologySRAM - Dual Port, SynchronousMemory Size36Kb (4K x 9)Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page-Access Time15nsVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case80-LQFPSupplier Device Package80-TQFP (14x14) | | Memory |
| Memory TypeVolatileMemory FormatSRAMTechnologySRAM - Dual Port, SynchronousMemory Size36Kb (4K x 9)Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page-Access Time15nsVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case80-LQFPSupplier Device Package80-TQFP (14x14) | Package | 80-LQFP |
| Memory FormatSRAMTechnologySRAM - Dual Port, SynchronousMemory Size36Kb (4K x 9)Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page-Access Time15nsVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case80-LQFPSupplier Device Package80-TQFP (14x14) | Series | - |
| Technology SRAM - Dual Port, Synchronous Memory Size 36Kb (4K x 9) Memory Interface Parallel Clock Frequency - Write Cycle Time - Word, Page Access Time 15ns Voltage - Supply Operating Temperature 4.5 V ~ 5.5 V Mounting Type Surface Mount Package / Case Supplier Device Package 80-TQFP (14x14) | Memory Type | Volatile |
| Memory Size36Kb (4K x 9)Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page-Access Time15nsVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case80-LQFPSupplier Device Package80-TQFP (14x14) | Memory Format | SRAM |
| Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page-Access Time15nsVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case80-LQFPSupplier Device Package80-TQFP (14x14) | Technology | SRAM - Dual Port, Synchronous |
| Clock Frequency Write Cycle Time - Word, Page Access Time 15ns Voltage - Supply 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 80-LQFP Supplier Device Package | Memory Size | 36Kb (4K x 9) |
| Write Cycle Time - Word, Page Access Time 15ns Voltage - Supply 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 80-LQFP Supplier Device Package | Memory Interface | Parallel |
| Access Time 15ns Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / Case 80-LQFP Supplier Device Package 80-TQFP ($14x14$) | Clock Frequency | - |
| Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type Surface Mount Package / Case 80-LQFP Supplier Device Package 80-TQFP (14x14) | Write Cycle Time - Word, Page | - |
| Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Mounting Type Surface Mount Package / Case 80-LQFP Supplier Device Package $80\text{-TQFP} (14x14)$ | Access Time | 15ns |
| Mounting Type Surface Mount Package / Case 80-LQFP Supplier Device Package 80-TQFP (14x14) | Voltage - Supply | 4.5 V ~ 5.5 V |
| Package / Case 80-LQFP Supplier Device Package 80-TQFP (14x14) | Operating Temperature | -40°C ~ 85°C (TA) |
| Supplier Device Package 80-TQFP (14x14) | Mounting Type | Surface Mount |
| | Package / Case | 80-LQFP |
| Report errors? | Supplier Device Package | 80-TQFP (14x14) |
| | | Report errors? |

70914S15PFI8 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.

70914S15PFI8 Payment Methods



















70914S15PFI8 Shipping Methods













If you have any question about 70914S15PFI8, please do not hesitate to contact us!

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