



70V658S12BFI Information

u helsensessa

For Reference Only

Part Number 70V658S12BFI

Manufacturer IDT, Integrated Device Technology Inc

Category Integrated Circuits (ICs)

Memory

Description IC SRAM 2MBIT 12NS 208CABGA

Package 208-LFBGA

For the pricing/inventory/lead time, please contact

us

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



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70V658S12BFI Specifications

Manufacturer Part Number 70V658S12BFI Manufacturer IDT, Integrated Device Technology Inc Category Integrated Circuits (ICs) Package 208-LFBGA Series - Memory Type Volatile Memory Format SRAM Technology SRAM - Dual Port, Asynchronous Memory Size 2Mb (64K x 36) Memory Interface Parallel Clock Frequency - Write Cycle Time - Word, Page 12ns Access Time 12ns Voltage - Supply 3.15 V ~ 3.45 V Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 208-LFBGA Supplier Device Package 208-CABGA (15x15)	•	
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Memory Size2Mb (64K x 36)Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page12nsAccess Time12nsVoltage - Supply3.15 V ~ 3.45 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case208-LFBGASupplier Device Package208-CABGA (15x15)	Memory Format	SRAM
Memory InterfaceParallelClock Frequency-Write Cycle Time - Word, Page12nsAccess Time12nsVoltage - Supply3.15 V ~ 3.45 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case208-LFBGASupplier Device Package208-CABGA (15x15)	Technology	SRAM - Dual Port, Asynchronous
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Write Cycle Time - Word, Page Access Time 12ns Voltage - Supply Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 208-LFBGA Supplier Device Package 208-CABGA (15x15)	Memory Interface	Parallel
Access Time $12ns$ Voltage - Supply $3.15 \text{ V} \sim 3.45 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / Case 208-LFBGA Supplier Device Package 208-CABGA (15x15)	Clock Frequency	-
Voltage - Supply $3.15 \text{ V} \sim 3.45 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / Case 208-LFBGA Supplier Device Package 208-CABGA (15x15)	Write Cycle Time - Word, Page	12ns
Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 208-LFBGA Supplier Device Package 208-CABGA (15x15)	Access Time	12ns
Mounting Type Surface Mount Package / Case 208-LFBGA Supplier Device Package 208-CABGA (15x15)	Voltage - Supply	3.15 V ~ 3.45 V
Package / Case 208-LFBGA Supplier Device Package 208-CABGA (15x15)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 208-CABGA (15x15)	Mounting Type	Surface Mount
	Package / Case	208-LFBGA
Report errors?	Supplier Device Package	208-CABGA (15x15)
		Report errors?

70V658S12BFI Guarantees



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70V658S12BFI Shipping Methods













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