



#### 709089L12PFI Information



For Reference Only

Part Number 709089L12PFI

Manufacturer IDT, Integrated Device Technology Inc

Category Integrated Circuits (ICs)

Memory

**Description** IC SRAM 512KBIT 12NS 100TQFP

Package 100-LQFI

For the pricing/inventory/lead time, please contact

us

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



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### 709089L12PFI Specifications

Manufacturer Part Number         709089L12PFI           Manufacturer         IDT, Integrated Device Technology Inc           Category         Integrated Circuits (ICs)           Memory         Memory           Package         100-LQFP           Series         -           Memory Type         Volatile           Memory Format         SRAM           Technology         SRAM - Dual Port, Synchronous           Memory Size         512Kb (64K x 8)           Memory Interface         Parallel           Clock Frequency         -           Write Cycle Time - Word, Page         -           Access Time         12ns           Voltage - Supply         4.5 V ~ 5.5 V           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         100-LQFP	•	
Category         Integrated Circuits (ICs)           Memory           Package         100-LQFP           Series         -           Memory Type         Volatile           Memory Format         SRAM           Technology         SRAM - Dual Port, Synchronous           Memory Size         512Kb (64K x 8)           Memory Interface         Parallel           Clock Frequency         -           Write Cycle Time - Word, Page         -           Access Time         12ns           Voltage - Supply         4.5 V ~ 5.5 V           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         100-LQFP	Manufacturer Part Number	709089L12PFI
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Technology  SRAM - Dual Port, Synchronous  Memory Size  512Kb (64K x 8)  Memory Interface  Parallel  Clock Frequency  - Write Cycle Time - Word, Page  Access Time  12ns  Voltage - Supply  Operating Temperature  Mounting Type  Surface Mount  Package / Case  SRAM - Dual Port, Synchronous  512Kb (64K x 8)  Parallel  - 40°C ~ 85°C (TA)	Memory Type	Volatile
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Write Cycle Time - Word, Page  Access Time  12ns  Voltage - Supply  4.5 V ~ 5.5 V  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  100-LQFP	Memory Interface	Parallel
Access Time $12ns$ Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Mounting TypeSurface MountPackage / Case $100\text{-LQFP}$	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 $100\text{-LQFP}$	Write Cycle Time - Word, Page	-
Operating Temperature -40°C ~ 85°C (TA)  Mounting Type Surface Mount  Package / Case 100-LQFP	Access Time	12ns
Mounting Type Surface Mount Package / Case 100-LQFP	Voltage - Supply	4.5 V ~ 5.5 V
Package / Case 100-LQFP	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
	Mounting Type	Surface Mount
	Package / Case	100-LQFP
Supplier Device Package 100-TQFP (14x14)	Supplier Device Package	100-TQFP (14x14)
Report errors?		Report errors?

#### 709089L12PFI 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.

# 709089L12PFI Payment Methods





















### 709089L12PFI Shipping Methods













If you have any question about 709089L12PFI, please do not hesitate to contact us!

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