



74ACT00MTC Information



For Reference Only

Part Number 74ACT00MTC

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE NAND 4CH 2-INP 14-TSSOP **Package** 14-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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



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74ACT00MTC Specifications

Manufacturer Part Number 74ACT00MTC Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-TSSOP (0.173", 4.40mm Width) Series 74ACT Logic Type NAND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 4.5 V ~ 5.5 V Current - Quiescent (Max) 2μA Current - Output High, Low 24mA, 24mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 9ns @ 5V, 50pF		
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$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} \\ \text{14-TSSOP (0.173", 4.40mm Width)} \\ \text{Series} \\ \text{74ACT} \\ \text{Logic Type} \\ \text{NAND Gate} \\ \text{Number of Circuits} \\ \text{Number of Inputs} \\ \text{2} \\ \text{Features} \\ \text{Voltage - Supply} \\ \text{Current - Quiescent (Max)} \\ \text{Current - Output High, Low} \\ \text{Logic Level - Low} \\ \text{Logic Level - High} \\ \text{Max Propagation Delay @ V, Max CL} \\ \text{9ns @ 5V, 50pF} \\ \end{array}$	Manufacturer	Fairchild/ON Semiconductor
Package14-TSSOP (0.173", 4.40mm Width)Series74ACTLogic TypeNAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max) 2μ ACurrent - Output High, Low $24m$ A, $24m$ ALogic Level - Low 0.8 VLogic Level - High 2 VMax Propagation Delay @ V, Max CL $9ns$ @ 5V, $50p$ F	Category	Integrated Circuits (ICs)
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		Logic - Gates and Inverters
Logic Type NAND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply Current - Quiescent (Max) Current - Output High, Low Logic Level - Low Logic Level - High Max Propagation Delay @ V, Max CL NAND Gate NAND Gate NAND Gate NAND Gate 4 0.80 2.00 0.80 0.80 1.00 1.	Package	14-TSSOP (0.173", 4.40mm Width)
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Series	74ACT
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Logic Type	NAND Gate
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Number of Circuits	4
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24\text{mA}, 24\text{mA}$ Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 9ns @ 5V, 50pF	Number of Inputs	2
Current - Quiescent (Max) Current - Output High, Low 24mA, 24mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 9ns @ 5V, 50pF	Features	-
Current - Output High, Low 24mA, 24mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 9ns @ 5V, 50pF	Voltage - Supply	4.5 V ~ 5.5 V
Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 9ns @ 5V, 50pF	Current - Quiescent (Max)	$2\mu A$
Logic Level - High 2V Max Propagation Delay @ V, Max CL 9ns @ 5V, 50pF	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL 9ns @ 5V, 50pF	Logic Level - Low	0.8V
	Logic Level - High	2V
4000 0500	Max Propagation Delay @ V, Max CL	9ns @ 5V, 50pF
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Supplier Device Package 14-TSSOP	Supplier Device Package	14-TSSOP
Package / Case 14-TSSOP (0.173", 4.40mm Width)	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Report errors?		Report errors?

74ACT00MTC 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.

74ACT00MTC Payment Methods



















74ACT00MTC Shipping Methods













If you have any question about 74ACT00MTC, please do not hesitate to contact us!

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