

74AC04SC Information

w_{the ind}ependence on

For Reference Only

Part Number 74AC04SC

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC INVERTER HEX 14-SOIC **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









74AC04SC Specifications

Manufacturer Part Number $74AC04SC$ ManufacturerFairchild/ON SemiconductorCategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage $14-SOIC (0.154", 3.90mm Width)$ Series $74AC$ Logic TypeInverterNumber of Circuits 6 Number of Inputs 6 Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $7ns \text{ @ 5V, 50pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$		
CategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage $14\text{-SOIC } (0.154", 3.90 \text{mm Width})$ Series 74AC Logic TypeInverterNumber of Circuits 6 Number of Inputs 6 Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $24\text{mA}, 24\text{mA}$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL 7ns @ 5V , 50pF	Manufacturer Part Number	74AC04SC
$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} & 14\text{-SOIC } (0.154", 3.90 \text{mm Width}) \\ \text{Series} & 74\text{AC} \\ \text{Logic Type} & \text{Inverter} \\ \text{Number of Circuits} & 6 \\ \text{Number of Inputs} & 6 \\ \text{Features} & - \\ \text{Voltage - Supply} & 2 \text{ V} \sim 6 \text{ V} \\ \text{Current - Quiescent } (\text{Max}) & 2 \text{ \muA} \\ \text{Current - Output High, Low} & 24\text{mA}, 24\text{mA} \\ \text{Logic Level - Low} & 0.9 \text{ V} \sim 1.65 \text{ V} \\ \text{Logic Level - High} & 2.1 \text{ V} \sim 3.85 \text{ V} \\ \text{Max Propagation Delay @ V, Max CL} & 7ns @ 5V, 50pF} \\ \end{array}$	Manufacturer	Fairchild/ON Semiconductor
Package 14-SOIC (0.154", 3.90mm Width) Series 74AC Logic Type Inverter Number of Circuits 6 Number of Inputs 6 Features - Voltage - Supply 2 $V \sim 6V$ Current - Quiescent (Max) 2 $V \sim 6V$ Current - Output High, Low 24mA, 24mA Logic Level - Low 0.9 $V \sim 1.65 V$ Logic Level - High 2.1 $V \sim 3.85 V$ Max Propagation Delay @ V , Max CL 7ns @ $V \sim 5V$, $V \sim 5V$	Category	Integrated Circuits (ICs)
Series $74AC$ Logic TypeInverterNumber of Circuits6Number of Inputs6Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low 24mA , 24mA Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL 7ns @ 5V , 50pF		Logic - Gates and Inverters
Logic TypeInverterNumber of Circuits6Number of Inputs6Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 24mA , 24mA Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL 7ns @ 5V , 50pF	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits6Number of Inputs6Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 24mA , 24mA Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL 7ns @ 5V , 50pF	Series	74AC
Number of Inputs 6 Features - Voltage - Supply 2 $V \sim 6 V$ Current - Quiescent (Max) 2 μ A Current - Output High, Low 24mA, 24mA Logic Level - Low 0.9 $V \sim 1.65 V$ Logic Level - High 2.1 $V \sim 3.85 V$ Max Propagation Delay @ V , Max CL 7ns @ $5V$, $50pF$	Logic Type	Inverter
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Number of Circuits	6
Voltage - Supply $2\ V \sim 6\ V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.9\ V \sim 1.65\ V$ Logic Level - High $2.1\ V \sim 3.85\ V$ Max Propagation Delay @ V, Max CL $7ns\ @ 5V, 50pF$	Number of Inputs	6
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA$, $24mA$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $7ns \otimes 5V$, $50pF$	Features	-
Current - Output High, Low 24mA , 24mA Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL 7ns @ 5V, 50pF	Voltage - Supply	2 V ~ 6 V
Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $7\text{ns } \text{@ 5V}$, 50pF	Current - Quiescent (Max)	2μΑ
Logic Level - High 2.1 V ~ 3.85 V Max Propagation Delay @ V, Max CL 7ns @ 5V, 50pF	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL 7ns @ 5V, 50pF	Logic Level - Low	0.9 V ~ 1.65 V
	Logic Level - High	2.1 V ~ 3.85 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Max Propagation Delay @ V, Max CL	7ns @ 5V, 50pF
	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Supplier Device Package 14-SOIC	Supplier Device Package	14-SOIC
Package / Case 14-SOIC (0.154", 3.90mm Width)	Package / Case	14-SOIC (0.154", 3.90mm Width)
Report errors?		Report errors?

74AC04SC 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.

74AC04SC Payment Methods



















74AC04SC Shipping Methods













If you have any question about 74AC04SC, please do not hesitate to contact us!

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