



74AC11008DE4 Information



For Reference Only

Part Number 74AC11008DE4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE AND 4CH 2-INP 16-SOIC **Package** 16-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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74AC11008DE4 Specifications

Manufacturer Part Number 74AC11008DE4 Manufacturer Texas Instruments Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 16-SOIC (0.154", 3.90mm Width) Series 74AC Logic Type AND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 3 V ~ 5.5 V Current - Quiescent (Max) 4μA Current - Output High, Low 24mA, 24mA Logic Level - Low 0.9 V ~ 1.65 V Logic Level - High 2.1 V ~ 3.85 V Max Propagation Delay @ V, Max CL 6.2ns @ 5V, 50pF Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 16-SOIC Package / Case 16-SOIC (0.154", 3.90mm Width)		
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Features $ \begin{array}{c} - \\ \text{Voltage - Supply} \\ \text{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{Operating Temperature} \\ \text{Operating Type} \\ \text{Surface Mount} \\ \text{Supplier Device Package} \\ \text{Package / Case} \\ \end{array} \begin{array}{c} - \\ \text{3 V $\sim 5.5 \text{ V}$} \\ \text{4\mu A} \\ \text{24mA, 24mA} \\ \text{2.4 mA, 24mA} \\ \text{0.9 V $\sim 1.65 \text{ V}$} \\ \text{2.1 V $\sim 3.85 \text{ V}$} \\ \text{6.2ns @ 5V, 50pF} \\ \text{6.2ns @ 5V, 50pF} \\ \text{9unting Type} \\ \text{Surface Mount} \\ \text{Supplier Device Package} \\ \text{16-SOIC} \\ \text{16-SOIC} \\ \text{16-SOIC (0.154", 3.90mm Width)} \\ \end{array}$	Number of Circuits	4
Voltage - Supply $3\ V \sim 5.5\ V$ Current - Quiescent (Max) $4\mu A$ 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 $6.2ns\ @ 5V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface\ Mount$ Supplier Device Package 16-SOIC Package / Case $16\text{-SOIC}\ (0.154'', 3.90mm\ Width)$	Number of Inputs	2
Current - Quiescent (Max) $4\mu A$ 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 $6.2ns \otimes 5V$, $50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount Supplier Device Package 16-SOIC $16\text$	Features	-
Current - Output High, Low 24mA, 24mA Logic Level - Low 0.9 V ~ 1.65 V Logic Level - High 2.1 V ~ 3.85 V Max Propagation Delay @ V, Max CL 6.2ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 16-SOIC Package / Case 16-SOIC (0.154", 3.90mm Width)	Voltage - Supply	3 V ~ 5.5 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 $6.2 \text{ns} \otimes 5 \text{V}$, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 16-SOIC Package / Case $16\text{-SOIC} (0.154", 3.90 \text{mm Width})$	Current - Quiescent (Max)	4μA
Logic Level - High 2.1 V ~ 3.85 V Max Propagation Delay @ V, Max CL 6.2ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 16-SOIC Package / Case 16-SOIC (0.154", 3.90mm Width)	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL 6.2ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 16-SOIC Package / Case 16-SOIC (0.154", 3.90mm Width)	Logic Level - Low	0.9 V ~ 1.65 V
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 16-SOIC Package / Case 16-SOIC (0.154", 3.90mm Width)	Logic Level - High	2.1 V ~ 3.85 V
Mounting Type Surface Mount Supplier Device Package 16-SOIC Package / Case 16-SOIC (0.154", 3.90mm Width)	Max Propagation Delay @ V, Max CL	6.2ns @ 5V, 50pF
Supplier Device Package 16-SOIC Package / Case 16-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C
Package / Case 16-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	16-SOIC
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?		Report errors?

74AC11008DE4 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.

74AC11008DE4 Payment Methods





















74AC11008DE4 Shipping Methods













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