

# SN74AUC2G00DCURE4

#### **SN74AUC2G00DCURE4 Information**



For Reference Only

Part Number SN74AUC2G00DCURE4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE NAND 2CH 2-INP US8 **Package** 8-VFSOP (0.091", 2.30mm Width)

For the pricing/inventory/lead time, please contact

us

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## **SN74AUC2G00DCURE4 Specifications**

Manufacturer Part Number       SN74AUC2G00DCURE4         Manufacturer       Texas Instruments         Category       Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       8-VFSOP (0.091", 2.30mm Width)         Series       74AUC         Logic Type       NAND Gate         Number of Circuits       2         Number of Inputs       2         Features       -         Voltage - Supply       0.8 V ~ 2.7 V         Current - Quiescent (Max)       10μA         Current - Output High, Low       9mA, 9mA         Logic Level - Low       0 V ~ 0.7 V         Logic Level - High       1.7V         Max Propagation Delay @ V, Max CL       1.7ns @ 2.5V, 30pF         Operating Temperature       40°C m S°C		
Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         8-VFSOP (0.091", 2.30mm Width)           Series         74AUC           Logic Type         NAND Gate           Number of Circuits         2           Number of Inputs         2           Features         -           Voltage - Supply         0.8 V ~ 2.7 V           Current - Quiescent (Max)         10μA           Current - Output High, Low         9mA, 9mA           Logic Level - Low         0 V ~ 0.7 V           Logic Level - High         1.7V           Max Propagation Delay @ V, Max CL         1.7ns @ 2.5V, 30pF	Manufacturer Part Number	SN74AUC2G00DCURE4
$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} & 8-\text{VFSOP } (0.091", 2.30 \text{mm Width}) \\ \text{Series} & 74 \text{AUC} \\ \text{Logic Type} & \text{NAND Gate} \\ \text{Number of Circuits} & 2 \\ \text{Number of Inputs} & 2 \\ \text{Features} & - \\ \text{Voltage - Supply} & 0.8 \text{ V} \sim 2.7 \text{ V} \\ \text{Current - Quiescent } (\text{Max}) & 10 \mu \text{A} \\ \text{Current - Output High, Low} & 9 \text{mA}, 9 \text{mA} \\ \text{Logic Level - Low} & 0 \text{ V} \sim 0.7 \text{ V} \\ \text{Logic Level - High} & 1.7 \text{V} \\ \text{Max Propagation Delay @ V, Max CL} & 1.7 \text{ns @ } 2.5 \text{V}, 30 \text{pF}} \\ \end{array}$	Manufacturer	Texas Instruments
Package8-VFSOP (0.091", 2.30mm Width)Series74AUCLogic TypeNAND GateNumber of Circuits2Number of Inputs2Features-Voltage - Supply $0.8 \text{ V} \sim 2.7 \text{ V}$ Current - Quiescent (Max) $10\mu\text{A}$ Current - Output High, Low $9\text{mA}$ , $9\text{mA}$ Logic Level - Low $0 \text{ V} \sim 0.7 \text{ V}$ Logic Level - High $1.7\text{V}$ Max Propagation Delay @ V, Max CL $1.7\text{ns}$ @ $2.5\text{V}$ , $30\text{pF}$	Category	Integrated Circuits (ICs)
Series $74AUC$ Logic TypeNAND GateNumber of Circuits2Number of Inputs2Features-Voltage - Supply $0.8 \text{ V} \sim 2.7 \text{ V}$ Current - Quiescent (Max) $10\mu\text{A}$ Current - Output High, Low $9\text{mA}$ , $9\text{mA}$ Logic Level - Low $0 \text{ V} \sim 0.7 \text{ V}$ Logic Level - High $1.7\text{V}$ Max Propagation Delay @ V, Max CL $1.7\text{ns}$ @ $2.5\text{V}$ , $30\text{pF}$		Logic - Gates and Inverters
Logic TypeNAND GateNumber of Circuits2Number of Inputs2Features-Voltage - Supply $0.8 \text{ V} \sim 2.7 \text{ V}$ Current - Quiescent (Max) $10\mu\text{A}$ Current - Output High, Low $9\text{mA}$ , $9\text{mA}$ Logic Level - Low $0 \text{ V} \sim 0.7 \text{ V}$ Logic Level - High $1.7\text{V}$ Max Propagation Delay @ V, Max CL $1.7\text{ns}$ @ $2.5\text{V}$ , $30\text{pF}$	Package	8-VFSOP (0.091", 2.30mm Width)
Number of Circuits2Number of Inputs2Features-Voltage - Supply $0.8 \text{ V} \sim 2.7 \text{ V}$ Current - Quiescent (Max) $10\mu\text{A}$ Current - Output High, Low $9\text{mA}$ , $9\text{mA}$ Logic Level - Low $0 \text{ V} \sim 0.7 \text{ V}$ Logic Level - High $1.7\text{V}$ Max Propagation Delay @ V, Max CL $1.7\text{ns}$ @ $2.5\text{V}$ , $30\text{pF}$	Series	74AUC
Number of Inputs2Features-Voltage - Supply $0.8 \text{ V} \sim 2.7 \text{ V}$ Current - Quiescent (Max) $10\mu\text{A}$ Current - Output High, Low $9\text{mA}$ , $9\text{mA}$ Logic Level - Low $0 \text{ V} \sim 0.7 \text{ V}$ Logic Level - High $1.7\text{V}$ Max Propagation Delay @ V, Max CL $1.7\text{ns}$ @ $2.5\text{V}$ , $30\text{pF}$	Logic Type	NAND Gate
Features - Voltage - Supply 0.8 V ~ 2.7 V   Current - Quiescent (Max) 10 $\mu$ A   Current - Output High, Low 9mA, 9mA   Logic Level - Low 0 V ~ 0.7 V   Logic Level - High 1.7V   Max Propagation Delay @ V, Max CL 1.7ns @ 2.5V, 30pF	Number of Circuits	2
Voltage - Supply $0.8 \text{ V} \sim 2.7 \text{ V}$ Current - Quiescent (Max) $10\mu\text{A}$ Current - Output High, Low $9\text{mA}, 9\text{mA}$ Logic Level - Low $0 \text{ V} \sim 0.7 \text{ V}$ Logic Level - High $1.7\text{V}$ Max Propagation Delay @ V, Max CL $1.7\text{ns} \otimes 2.5\text{V}, 30\text{pF}$	Number of Inputs	2
Current - Quiescent (Max) $10\mu A$ Current - Output High, Low $9mA, 9mA$ Logic Level - Low $0\ V \sim 0.7\ V$ Logic Level - High $1.7V$ Max Propagation Delay @ V, Max CL $1.7ns\ @\ 2.5V, 30pF$	Features	-
Current - Output High, Low $9mA$ , $9mA$ Logic Level - Low $0 \text{ V} \sim 0.7 \text{ V}$ Logic Level - High $1.7\text{V}$ Max Propagation Delay @ V, Max CL $1.7\text{ns}$ @ $2.5\text{V}$ , $30\text{pF}$	Voltage - Supply	0.8 V ~ 2.7 V
	Current - Quiescent (Max)	10μΑ
Logic Level - High 1.7V Max Propagation Delay @ V, Max CL 1.7ns @ 2.5V, 30pF	Current - Output High, Low	9mA, 9mA
Max Propagation Delay @ V, Max CL 1.7ns @ 2.5V, 30pF	Logic Level - Low	0 V ~ 0.7 V
	Logic Level - High	1.7V
Operating Temperature 40°C × 85°C	Max Propagation Delay @ V, Max CL	1.7ns @ 2.5V, 30pF
Operating reinperature	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Supplier Device Package US8	Supplier Device Package	US8
Package / Case 8-VFSOP (0.091", 2.30mm Width)	Package / Case	8-VFSOP (0.091", 2.30mm Width)
Report errors?		Report errors?

### **SN74AUC2G00DCURE4** 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.

### SN74AUC2G00DCURE4 Payment Methods



















### **SN74AUC2G00DCURE4 Shipping Methods**













If you have any question about SN74AUC2G00DCURE4, please do not hesitate to contact us!

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