



### **SN74LVC08APWE4 Information**



For Reference Only

Part Number SN74LVC08APWE4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE AND 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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# **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.









### **SN74LVC08APWE4 Specifications**

Manufacturer Part Number         SN74LVC08APWE4           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-TSSOP (0.173", 4.40mm Width)           Series         74LVC           Logic Type         AND Gate           Number of Circuits         4           Number of Inputs         2           Features         -           Voltage - Supply         1.65 V ~ 3.6 V           Current - Quiescent (Max)         1μA           Current - Output High, Low         24mA, 24mA           Logic Level - Low         0.7 V ~ 0.8 V           Logic Level - High         1.7 V ~ 2 V		
	Manufacturer Part Number	SN74LVC08APWE4
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Manufacturer	Texas Instruments
Package14-TSSOP (0.173", 4.40mm Width)Series74LVCLogic TypeAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply1.65 V ~ 3.6 VCurrent - Quiescent (Max)1μACurrent - Output High, Low24mA, 24mALogic Level - Low0.7 V ~ 0.8 VLogic Level - High1.7 V ~ 2 V	Category	Integrated Circuits (ICs)
		Logic - Gates and Inverters
Logic TypeAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply $1.65 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $1\mu\text{A}$ Current - Output High, Low $24\text{mA}$ , $24\text{mA}$ Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.7 \text{ V} \sim 2 \text{ V}$	Package	14-TSSOP (0.173", 4.40mm Width)
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Series	74LVC
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Logic Type	AND Gate
$Features \\ Voltage - Supply \\ 1.65 \ V \sim 3.6 \ V \\ Current - Quiescent (Max) \\ 1 \mu A \\ Current - Output High, Low \\ 24mA, 24mA \\ Logic Level - Low \\ 0.7 \ V \sim 0.8 \ V \\ Logic Level - High \\ 1.7 \ V \sim 2 \ V$	Number of Circuits	4
Voltage - Supply $1.65 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $1 \mu A$ Current - Output High, Low $24 \text{mA}, 24 \text{mA}$ Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.7 \text{ V} \sim 2 \text{ V}$	Number of Inputs	2
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Features	-
Current - Output High, Low $24\text{mA}$ , $24\text{mA}$ Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.7 \text{ V} \sim 2 \text{ V}$	Voltage - Supply	1.65 V ~ 3.6 V
Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.7 \text{ V} \sim 2 \text{ V}$	Current - Quiescent (Max)	$1\mu A$
Logic Level - High  1.7 V ~ 2 V	Current - Output High, Low	24mA, 24mA
	Logic Level - Low	0.7 V ~ 0.8 V
	Logic Level - High	1.7 V ~ 2 V
Max Propagation Delay @ V, Max CL 3.9ns @ 3.3V, 50pF	Max Propagation Delay @ V, Max CL	3.9ns @ 3.3V, 50pF
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Operating Temperature	-40°C ~ 125°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?

#### **SN74LVC08APWE4** 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.

### **SN74LVC08APWE4 Payment Methods**



















## SN74LVC08APWE4 Shipping Methods













If you have any question about SN74LVC08APWE4, please do not hesitate to contact us!

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