



## 74ALVC08PW,118 Information



For Reference Only

Part Number 74ALVC08PW,118

Manufacturer Nexperia USA Inc.

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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## 74ALVC08PW,118 Specifications

Manufacturer Part Number       74ALVC08PW,118         Manufacturer       Nexperia USA Inc.         Category       Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       14-TSSOP (0.173", 4.40mm Width)         Series       74ALVC         Logic Type       AND Gate         Number of Circuits       4         Number of Inputs       2         Features       -         Voltage - Supply       1.65 V ~ 3.6 V         Current - Quiescent (Max)       20µA         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       2ns @ 3.3V, 50pF         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Supplier Device Package       14-TSSOP         Package / Case       14-TSSOP (0.173", 4.40mm Width)		
Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-TSSOP (0.173", 4.40mm Width)           Series         74ALVC           Logic Type         AND Gate           Number of Circuits         4           Number of Inputs         2           Features         -           Voltage - Supply         1.65 V ~ 3.6 V           Current - Quiescent (Max)         20µA           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         2ns @ 3.3V, 50pF           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Supplier Device Package         14-TSSOP           Package / Case         14-TSSOP (0.173", 4.40mm Width)	Manufacturer Part Number	74ALVC08PW,118
$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} \\ \text{14-TSSOP (0.173", 4.40mm Width)} \\ \text{Series} \\ \text{74ALVC} \\ \text{Logic Type} \\ \text{AND Gate} \\ \text{Number of Circuits} \\ \text{4} \\ \text{Number of Inputs} \\ \text{2} \\ \text{Features} \\ \text{-} \\ \text{Voltage - Supply} \\ \text{1.65 V} \sim 3.6 \text{ V} \\ \text{Current - Quiescent (Max)} \\ \text{Current - Output High, Low} \\ \text{Logic Level - Low} \\ \text{Logic Level - High} \\ \text{1.7 V} \sim 2 \text{ V} \\ \text{Logic Level - High} \\ \text{Max Propagation Delay @ V, Max CL} \\ \text{Operating Temperature} \\ \text{Mounting Type} \\ \text{Surface Mount} \\ \text{Supplier Device Package} \\ \text{Package / Case} \\ \text{14-TSSOP (0.173", 4.40mm Width)} \\ \end{array}$	Manufacturer	Nexperia USA Inc.
Package       14-TSSOP (0.173", 4.40mm Width)         Series       74ALVC         Logic Type       AND Gate         Number of Circuits       4         Number of Inputs       2         Features       -         Voltage - Supply       1.65 V ~ 3.6 V         Current - Quiescent (Max)       20μA         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       2ns @ 3.3V, 50pF         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Supplier Device Package       14-TSSOP         Package / Case       14-TSSOP (0.173", 4.40mm Width)	Category	Integrated Circuits (ICs)
Series $74ALVC$ Logic TypeAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply $1.65 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $20\mu A$ Current - Output High, Low $24mA$ , $24mA$ Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $2ns @ 3.3V$ , $50pF$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$ Package / Case $14\text{-TSSOP} (0.173", 4.40mm Width)$		Logic - Gates and Inverters
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Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 1.65 V $\sim$ 3.6 V Current - Quiescent (Max) 20 $\mu$ A Current - Output High, Low 24 $\mu$ A, 24 $\mu$ A Logic Level - Low 0.7 V $\sim$ 0.8 V Logic Level - High 1.7 V $\sim$ 2 V Max Propagation Delay @ V, Max CL 2ns @ 3.3V, 50pF Operating Temperature -40°C $\sim$ 85°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40 $\mu$ m Width)	Series	74ALVC
Number of Inputs 2 Features - Voltage - Supply 1.65 V ~ 3.6 V Current - Quiescent (Max) 20 $\mu$ A 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 2ns @ 3.3V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Logic Type	AND Gate
Features $ \begin{array}{ccccccccccccccccccccccccccccccccccc$	Number of Circuits	4
Voltage - Supply $1.65 \text{ V} \sim 3.6 \text{ V}$ $\text{Current - Quiescent (Max)}$ $20\mu\text{A}$ $\text{Current - Output High, Low}$ $24\text{mA, 24mA}$ $\text{Logic Level - Low}$ $0.7 \text{ V} \sim 0.8 \text{ V}$ $\text{Logic Level - High}$ $1.7 \text{ V} \sim 2 \text{ V}$ $\text{Max Propagation Delay @ V, Max CL}$ $2\text{ns @ } 3.3\text{V, } 50\text{pF}$ $\text{Operating Temperature}$ $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ $\text{Mounting Type}$ $\text{Surface Mount}$ $\text{Supplier Device Package}$ $14\text{-TSSOP}$ $\text{Package / Case}$ $14\text{-TSSOP (0.173", } 4.40\text{mm Width)}$	Number of Inputs	2
Current - Quiescent (Max) $20\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.7 \ V \sim 0.8 \ V$ Logic Level - High $1.7 \ V \sim 2 \ V$ Max Propagation Delay @ V, Max CL $2ns \ @ \ 3.3V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface \ Mount$ Supplier Device Package $14-TSSOP$ Package / Case $14-TSSOP \ (0.173'', 4.40mm \ Width)$	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 $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $2\text{ns}$ @ $3.3\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$ Package / Case $14\text{-TSSOP}$ ( $0.173^{\circ}$ , $4.40\text{mm}$ Width)	Voltage - Supply	1.65 V ~ 3.6 V
Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $2\text{ns}$ @ $3.3\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$ Package / Case $14\text{-TSSOP}$ ( $0.173^{\circ}$ , $4.40\text{mm}$ Width)	Current - Quiescent (Max)	20μΑ
Logic Level - High  1.7 V ~ 2 V  Max Propagation Delay @ V, Max CL  2ns @ 3.3V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-TSSOP  Package / Case  14-TSSOP (0.173", 4.40mm Width)	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL  2ns @ 3.3V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-TSSOP  Package / Case  14-TSSOP (0.173", 4.40mm Width)	Logic Level - Low	0.7 V ~ 0.8 V
Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-TSSOP  Package / Case  14-TSSOP (0.173", 4.40mm Width)	Logic Level - High	1.7 V ~ 2 V
Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Max Propagation Delay @ V, Max CL	2ns @ 3.3V, 50pF
Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Operating Temperature	-40°C ~ 85°C
Package / Case 14-TSSOP (0.173", 4.40mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-TSSOP
Report errors?	Package / Case	14-TSSOP (0.173", 4.40mm Width)
		Report errors?

### 74ALVC08PW,118 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.

## 74ALVC08PW,118 Payment Methods



















### 74ALVC08PW,118 Shipping Methods













If you have any question about 74ALVC08PW,118, please do not hesitate to contact us!

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