



### 74LVC86APW,118 Information



For Reference Only

Part Number 74LVC86APW,118

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE XOR 4CH 2-INP 14-TSSOP **Package** 14-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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## 74LVC86APW,118 Specifications

Manufacturer Part Number       74LVC86APW,118         Manufacturer       Nexperia USA Inc.         Category       Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       14-TSSOP (0.173", 4.40mm Width)         Series       74LVC         Logic Type       XOR (Exclusive OR)         Number of Circuits       4         Number of Inputs       2         Features       -         Voltage - Supply       1.2 V ~ 3.6 V         Current - Quiescent (Max)       40μA         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       5ns @ 3.3V, 50pF         Operating Temperature       -40°C ~ 125°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         74LVC           Logic Type         XOR (Exclusive OR)           Number of Circuits         4           Number of Inputs         2           Features         -           Voltage - Supply         1.2 V ~ 3.6 V           Current - Quiescent (Max)         40µA           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         5ns @ 3.3V, 50pF           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Supplier Device Package         14-TSSOP           Package / Case         14-TSSOP (0.173", 4.40mm Width)	Manufacturer Part Number	74LVC86APW,118
$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} \\ \text{Series} \\ \text{14-TSSOP (0.173", 4.40mm Width)} \\ \text{Series} \\ \text{AUVC} \\ \text{Logic Type} \\ \text{XOR (Exclusive OR)} \\ \text{Number of Circuits} \\ \text{4} \\ \text{Number of Inputs} \\ \text{2} \\ \text{Features} \\ \text{-} \\ \text{Voltage - Supply} \\ \text{1.2 V} \sim 3.6 \text{ V} \\ \text{Current - Quiescent (Max)} \\ \text{Current - Output High, Low} \\ \text{Logic Level - Low} \\ \text{Logic Level - Low} \\ \text{Logic Level - High} \\ \text{1.7 V} \sim 2 \text{ V} \\ \text{Max Propagation Delay @ V, Max CL} \\ \text{5ns @ 3.3V, 50pF} \\ \text{Operating Temperature} \\ \text{40°C} \sim 125°C} \\ \text{Mounting Type} \\ \text{Surface Mount} \\ \text{Supplier Device Package} \\ \text{Package / Case} \\ \text{14-TSSOP (0.173", 4.40mm Width)} \\ \end{array}$	Manufacturer	Nexperia USA Inc.
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Series $74\text{LVC}$ Logic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply $1.2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $40\mu\text{A}$ 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 $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $5\text{ns}$ @ $3.3\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$ Package / Case $14\text{-TSSOP}$ (0.173", $4.40\text{mm}$ Width)		Logic - Gates and Inverters
Logic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply $1.2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $40\mu\text{A}$ 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 $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $5\text{ns}$ @ $3.3\text{ V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$ Package / Case $14\text{-TSSOP}$ ( $0.173$ ", $4.40\text{mm}$ Width)	Package	14-TSSOP (0.173", 4.40mm Width)
Number of Circuits4Number of Inputs2Features-Voltage - Supply1.2 V ~ 3.6 VCurrent - Quiescent (Max)40μACurrent - Output High, Low24mA, 24mALogic Level - Low0.7 V ~ 0.8 VLogic Level - High1.7 V ~ 2 VMax Propagation Delay @ V, Max CL5ns @ 3.3V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Series	74LVC
Number of Inputs       2         Features       -         Voltage - Supply       1.2 V ~ 3.6 V         Current - Quiescent (Max)       40μA         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       5ns @ 3.3V, 50pF         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount         Supplier Device Package       14-TSSOP         Package / Case       14-TSSOP (0.173", 4.40mm Width)	Logic Type	XOR (Exclusive OR)
Features $ \begin{array}{c} - \\ \text{Voltage - 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{Mounting Type} \\ \text{Surface Mount} \\ \text{Supplier Device Package} \\ \text{Package / Case} \\ \end{array} \begin{array}{c} - \\ 1.2 \text{ V} \sim 3.6 \text{ V} \\ 40 \mu \text{A} \\ 24 \text{mA} \\ 24 \text{mA} \\ 0.7 \text{ V} \sim 0.8 \text{ V} \\ 0.7 \text{ V} \sim 0.8 \text{ V} \\ 1.7 \text{ V} \sim 2 \text{ V} \\ 5 \text{ns @ } 3.3 \text{ V}, 50 \text{pF} \\ -40^{\circ} \text{C} \sim 125^{\circ} \text{C} \\ \text{Mounting Type} \\ \text{Surface Mount} \\ 14-\text{TSSOP} \\ 14-\text{TSSOP} \\ 14-\text{TSSOP} \\ 14-\text{TSSOP} (0.173", 4.40 \text{mm Width}) \\ \end{array}$	Number of Circuits	4
Voltage - Supply $1.2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $40\mu\text{A}$ 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 $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $5\text{ns @ } 3.3\text{V}, 50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type $Surface \text{ Mount}$ Supplier Device Package $14\text{-TSSOP}$ Package / Case $14\text{-TSSOP} (0.173'', 4.40\text{mm Width})$	Number of Inputs	2
Current - Quiescent (Max)  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  5ns @ 3.3V, 50pF  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Supplier Device Package  14-TSSOP  Package / Case  14-TSSOP (0.173", 4.40mm Width)	Features	-
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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 $5\text{ns}$ @ $3.3\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$ Package / Case $14\text{-TSSOP}$ ( $0.173^{\circ}$ , $4.40\text{mm}$ Width)	Current - Quiescent (Max)	40μΑ
Logic Level - High  1.7 V ~ 2 V  Max Propagation Delay @ V, Max CL  5ns @ 3.3V, 50pF  Operating Temperature  -40°C ~ 125°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  5ns @ 3.3V, 50pF  Operating Temperature  -40°C ~ 125°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 ~ 125°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	5ns @ 3.3V, 50pF
Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Operating Temperature	-40°C ~ 125°C
Package / Case 14-TSSOP (0.173", 4.40mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-TSSOP
Domont among	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Report errors?		Report errors?

### 74LVC86APW,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.

### 74LVC86APW,118 Payment Methods



















## 74LVC86APW,118 Shipping Methods













If you have any question about 74LVC86APW,118, please do not hesitate to contact us!

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