



74VHC02PW,118 Information



For Reference Only

Part Number 74VHC02PW,118

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE NOR 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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74VHC02PW,118 Specifications

Manufacturer Part Number 74VHC02PW,118 Manufacturer Nexperia USA Inc. Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-TSSOP (0.173", 4.40mm Width) Series 74VHC Logic Type NOR Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) 2μA Current - Output High, Low 8mA, 8mA Logic Level - Low 0.5 V ~ 1.65 V Logic Level - High 1.5 V ~ 3.85 V Max Propagation Delay @ V, Max CL 7.5ns @ 5V, 50pF		
$ \begin{array}{c} \text{Category} & \text{Integrated Circuits (ICs)} \\ \text{Logic - Gates and Inverters} \\ \\ \text{Package} & 14\text{-TSSOP (0.173", 4.40mm Width)} \\ \text{Series} & 74\text{VHC} \\ \\ \text{Logic Type} & \text{NOR Gate} \\ \\ \text{Number of Circuits} & 4 \\ \\ \text{Number of Inputs} & 2 \\ \\ \text{Features} & - \\ \\ \text{Voltage - Supply} & 2 \text{ V} \sim 5.5 \text{ V} \\ \\ \text{Current - Quiescent (Max)} & 2 \mu A \\ \\ \text{Current - Output High, Low} & 8 m A, 8 m A \\ \\ \text{Logic Level - Low} & 0.5 \text{ V} \sim 1.65 \text{ V} \\ \\ \text{Logic Level - High} & 1.5 \text{ V} \sim 3.85 \text{ V} \\ \\ \end{array} $	Manufacturer Part Number	74VHC02PW,118
$\begin{array}{c} Logic - Gates \ and \ Inverters \\ \\ Package & 14-TSSOP \ (0.173", 4.40mm \ Width) \\ \\ Series & 74VHC \\ \\ Logic \ Type & NOR \ Gate \\ \\ Number \ of \ Circuits & 4 \\ \\ Number \ of \ Inputs & 2 \\ \\ Features & - \\ \\ Voltage - Supply & 2 \ V \sim 5.5 \ V \\ \\ Current - Quiescent \ (Max) & 2\mu A \\ \\ Current - Output \ High, \ Low & 8mA, 8mA \\ \\ Logic \ Level - Low & 0.5 \ V \sim 1.65 \ V \\ \\ Logic \ Level - High & 1.5 \ V \sim 3.85 \ V \\ \end{array}$	Manufacturer	Nexperia USA Inc.
Package 14-TSSOP (0.173", 4.40mm Width) Series 74VHC Logic Type NOR Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 $V \sim 5.5 V$ Current - Quiescent (Max) 2 μ A Current - Output High, Low 8 μ A, 8 μ A Logic Level - Low 0.5 $V \sim 1.65 V$ Logic Level - High 1.5 $V \sim 3.85 V$	Category	Integrated Circuits (ICs)
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		Logic - Gates and Inverters
Logic TypeNOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply $2 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 8mA , 8mA Logic Level - Low $0.5 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 3.85 \text{ V}$	Package	14-TSSOP (0.173", 4.40mm Width)
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Series	74VHC
Number of Inputs2Features-Voltage - Supply $2 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 8mA , 8mA Logic Level - Low $0.5 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 3.85 \text{ V}$	Logic Type	NOR Gate
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Number of Circuits	4
Voltage - Supply $2\ V \sim 5.5\ V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $8mA, 8mA$ Logic Level - Low $0.5\ V \sim 1.65\ V$ Logic Level - High $1.5\ V \sim 3.85\ V$	Number of Inputs	2
$\begin{array}{lll} & & 2\mu A \\ & & \\ & Current - Output \ High, \ Low & & 8mA, \ 8mA \\ & Logic \ Level - Low & & 0.5 \ V \sim 1.65 \ V \\ & Logic \ Level - High & & 1.5 \ V \sim 3.85 \ V \end{array}$	Features	-
Current - Output High, Low $8mA$, $8mA$ Logic Level - Low $0.5 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 3.85 \text{ V}$	Voltage - Supply	2 V ~ 5.5 V
Logic Level - Low $0.5 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 3.85 \text{ V}$	Current - Quiescent (Max)	$2\mu A$
Logic Level - High $1.5 \text{ V} \sim 3.85 \text{ V}$	Current - Output High, Low	8mA, 8mA
	Logic Level - Low	0.5 V ~ 1.65 V
Max Propagation Delay @ V, Max CL 7.5ns @ 5V, 50pF	Logic Level - High	1.5 V ~ 3.85 V
	Max Propagation Delay @ V, Max CL	7.5ns @ 5V, 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?

74VHC02PW,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.

74VHC02PW,118 Payment Methods





















74VHC02PW,118 Shipping Methods













If you have any question about 74VHC02PW,118, please do not hesitate to contact us!

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