



### 74HC132PW-Q100,118 Information



For Reference Only

Part Number74HC132PW-Q100,118ManufacturerNexperia USA Inc.CategoryIntegrated Circuits (ICs)<br/>Logic - Gates and Inverters

**Description** IC GATE NAND 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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## 74HC132PW-Q100,118 Specifications

Manufacturer         74HC132PW-Q100,118           Manufacturer         Nexperia USA Inc.           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-TSSOP (0.173", 4.40mm Width)           Series         Automotive, AEC-Q100, 74HC           Logic Type         NAND Gate           Number of Circuits         4           Number of Inputs         2           Features         Schmitt Trigger           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Max)         2µA           Current - Output High, Low         5.2mA, 5.2mA           Logic Level - Low         0.3 V ~ 1.2 V           Logic Level - High         1.5 V ~ 4.2 V           Max Propagation Delay @ V, Max CL         21ns @ 6V, 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         Automotive, AEC-Q100, 74HC           Logic Type         NAND Gate           Number of Circuits         4           Number of Inputs         2           Features         Schmitt Trigger           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         5.2mA, 5.2mA           Logic Level - Low         0.3 V ~ 1.2 V           Logic Level - High         1.5 V ~ 4.2 V           Max Propagation Delay @ V, Max CL         21ns @ 6V, 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	74HC132PW-Q100,118
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Package14-TSSOP (0.173", 4.40mm Width)SeriesAutomotive, AEC-Q100, 74HCLogic TypeNAND GateNumber of Circuits4Number of Inputs2FeaturesSchmitt TriggerVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2µACurrent - Output High, Low5.2mA, 5.2mALogic Level - Low0.3 V ~ 1.2 VLogic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL21ns @ 6V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Category	Integrated Circuits (ICs)
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Features Schmitt Trigger Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $5.2\text{mA}, 5.2\text{mA}$ Logic Level - Low $0.3 \text{ V} \sim 1.2 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $21\text{ns}$ @ 6V, 50pF Operating Temperature $40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package $14\text{-TSSOP}$ $14-T$	Number of Circuits	4
$\begin{tabular}{llll} Voltage - Supply & 2 \ V \sim 6 \ V \\ Current - Quiescent (Max) & 2 \mu A \\ Current - Output High, Low & 5.2 mA, 5.2 mA \\ Logic Level - Low & 0.3 \ V \sim 1.2 \ V \\ Logic Level - High & 1.5 \ V \sim 4.2 \ V \\ Max Propagation Delay @ V, Max CL & 21 ns @ 6 V, 50 pF \\ Operating Temperature & -40 ^{\circ}C \sim 125 ^{\circ}C \\ Mounting Type & Surface Mount \\ Supplier Device Package & 14-TSSOP \\ Package / Case & 14-TSSOP (0.173", 4.40 mm Width) \\ \end{tabular}$	Number of Inputs	2
Current - Quiescent (Max)  Current - Output High, Low  5.2mA, 5.2mA  Logic Level - Low  0.3 V ~ 1.2 V  Logic Level - High  1.5 V ~ 4.2 V  Max Propagation Delay @ V, Max CL  21ns @ 6V, 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	Schmitt Trigger
Current - Output High, Low $5.2 \text{mA}$ , $5.2 \text{mA}$ Logic Level - Low $0.3 \text{ V} \sim 1.2 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $21 \text{ns}$ @ 6V, $50 \text{pF}$ 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)	Voltage - Supply	2 V ~ 6 V
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Current - Quiescent (Max)	$2\mu A$
Logic Level - High  1.5 V ~ 4.2 V  Max Propagation Delay @ V, Max CL  21ns @ 6V, 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	5.2mA, 5.2mA
Max Propagation Delay @ V, Max CL  21ns @ 6V, 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	0.3 V ~ 1.2 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	1.5 V ~ 4.2 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	21ns @ 6V, 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
Report errors?	Package / Case	14-TSSOP (0.173", 4.40mm Width)
		Report errors?

### **74HC132PW-Q100,118 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.

### 74HC132PW-Q100,118 Payment Methods



















## 74HC132PW-Q100,118 Shipping Methods













If you have any question about 74HC132PW-Q100,118, please do not hesitate to contact us!

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