



## 74AHC132PW,112 Information



For Reference Only

Part Number 74AHC132PW,112

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
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

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



Request a Quote

# **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.









## 74AHC132PW,112 Specifications

Manufacturer Part Number       74AHC132PW,112         Manufacturer       Nexperia USA Inc.         Category       Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       14-TSSOP (0.173", 4.40mm Width)         Series       74AHC         Logic Type       NAND 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       0.9 V ~ 1.65 V         Logic Level - High       2.2 V ~ 3.85 V         Max Propagation Delay @ V, Max CL       9.7ns @ 5V, 50pF         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount         Supplier Davice Package       14 TSSOP		
Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-TSSOP (0.173", 4.40mm Width)           Series         74AHC           Logic Type         NAND 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         0.9 V ~ 1.65 V           Logic Level - High         2.2 V ~ 3.85 V           Max Propagation Delay @ V, Max CL         9.7ns @ 5V, 50pF           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount	Manufacturer Part Number	74AHC132PW,112
$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} & 14\text{-TSSOP } (0.173", 4.40 \text{mm Width}) \\ \text{Series} & 74 \text{AHC} \\ \text{Logic Type} & \text{NAND Gate} \\ \text{Number of Circuits} & 4 \\ \text{Number of Inputs} & 2 \\ \text{Features} & - \\ \text{Voltage - Supply} & 2 \text{ V} \sim 5.5 \text{ V} \\ \text{Current - Quiescent } (\text{Max}) & 2 \mu \text{A} \\ \text{Current - Output High, Low} & 8 \text{mA}, 8 \text{mA} \\ \text{Logic Level - Low} & 0.9 \text{ V} \sim 1.65 \text{ V} \\ \text{Logic Level - High} & 2.2 \text{ V} \sim 3.85 \text{ V} \\ \text{Max Propagation Delay @ V, Max CL} & 9.7 \text{ns @ 5V, 50pF}} \\ \text{Operating Temperature} & -40^{\circ}\text{C} \sim 125^{\circ}\text{C} \\ \text{Mounting Type} & \text{Surface Mount} \\ \end{array}$	Manufacturer	Nexperia USA Inc.
Package       14-TSSOP (0.173", 4.40mm Width)         Series       74AHC         Logic Type       NAND 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       0.9 V ~ 1.65 V         Logic Level - High       2.2 V ~ 3.85 V         Max Propagation Delay @ V, Max CL       9.7ns @ 5V, 50pF         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount	Category	Integrated Circuits (ICs)
Series $74AHC$ Logic TypeNAND GateNumber of Circuits $4$ Number of Inputs $2$ Features-Voltage - Supply $2 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $8mA, 8mA$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $9.7 \text{ns} \otimes 5 \text{V}, 50 \text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface Mount		Logic - Gates and Inverters
Logic TypeNAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.9 V ~ 1.65 VLogic Level - High2.2 V ~ 3.85 VMax Propagation Delay @ V, Max CL9.7ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Package	14-TSSOP (0.173", 4.40mm Width)
Number 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 $8\text{mA}$ , $8\text{mA}$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $9.7\text{ns}$ @ $5\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface Mount	Series	74AHC
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Logic Type	NAND Gate
Features-Voltage - Supply $2 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $8\text{mA}$ , $8\text{mA}$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $9.7\text{ns}$ @ $5\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface Mount	Number of Circuits	4
Voltage - Supply $2\ V \sim 5.5\ V$ $Current - Quiescent (Max) 2\mu A$ $Current - Output High, Low 8mA, 8mA$ $Logic Level - Low 0.9\ V \sim 1.65\ V$ $Logic Level - High 2.2\ V \sim 3.85\ V$ $Max\ Propagation\ Delay\ @\ V,\ Max\ CL 9.7ns\ @\ 5V,\ 50pF$ $Operating\ Temperature -40^{\circ}C \sim 125^{\circ}C$ $Mounting\ Type Surface\ Mount$	Number of Inputs	2
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $8mA, 8mA$ Logic Level - Low $0.9 \ V \sim 1.65 \ V$ Logic Level - High $2.2 \ V \sim 3.85 \ V$ Max Propagation Delay @ V, Max CL $9.7ns \ @ 5V, 50pF$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type $Surface \ Mount$	Features	-
Current - Output High, Low $8mA$ , $8mA$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $9.7 \text{ns} \otimes 5 \text{V}$ , $50 \text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface Mount	Voltage - Supply	2 V ~ 5.5 V
Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $9.7 \text{ns}$ @ 5V, $50 \text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface Mount	Current - Quiescent (Max)	2μΑ
Logic Level - High $2.2 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $9.7 \text{ns}$ @ $5 \text{V}$ , $50 \text{pF}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 125 ^{\circ}\text{C}$ Mounting TypeSurface Mount	Current - Output High, Low	8mA, 8mA
Max Propagation Delay @ V, Max CL9.7ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Logic Level - Low	0.9 V ~ 1.65 V
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount	Logic Level - High	2.2 V ~ 3.85 V
Mounting Type Surface Mount	Max Propagation Delay @ V, Max CL	9.7ns @ 5V, 50pF
	Operating Temperature	-40°C ~ 125°C
Supplier Davice Package 14 TSSOP	Mounting Type	Surface Mount
Supplied Device Lackage 14-1550F	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?

### 74AHC132PW,112 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.

## 74AHC132PW,112 Payment Methods



















### 74AHC132PW,112 Shipping Methods













If you have any question about 74AHC132PW,112, please do not hesitate to contact us!

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