



# 74AHC30PW,112 Information



For Reference Only

Part Number 74AHC30PW,112

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE NAND 1CH 8-INP 14-TSSOP **Package** 14-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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### 74AHC30PW,112 Specifications

Manufacturer Part Number       74AHC30PW,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       1         Number of Inputs       8         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       8ns @ 5V, 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         74AHC           Logic Type         NAND Gate           Number of Circuits         1           Number of Inputs         8           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         8ns @ 5V, 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	74AHC30PW,112
$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \\ \text{Package} \\ \text{Series} \\ \\ \text{74AHC} \\ \\ \text{Logic Type} \\ \text{NaND Gate} \\ \\ \text{Number of Circuits} \\ \text{1} \\ \\ \text{Number of Inputs} \\ \text{8} \\ \\ \text{Features} \\ \\ \text{Voltage - Supply} \\ \text{2 V} \sim 5.5 \text{ V} \\ \\ \text{Current - Quiescent (Max)} \\ \text{Current - Output High, Low} \\ \text{8mA, 8mA} \\ \\ \text{Logic Level - Low} \\ \text{Logic Level - High} \\ \text{1.5 V} \sim 3.85 \text{ V} \\ \\ \text{Max Propagation Delay @ V, Max CL} \\ \text{Operating Temperature} \\ \text{40°C} \sim 125^{\circ}\text{C} \\ \\ \text{Mounting Type} \\ \text{Surface Mount} \\ \text{Supplier Device Package} \\ \text{Package / Case} \\ \text{14-TSSOP (0.173", 4.40mm Width)} \\ \end{array}$	Manufacturer	Nexperia USA Inc.
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Series74AHCLogic TypeNAND GateNumber of Circuits1Number of Inputs8Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5 V ~ 1.65 VLogic Level - High1.5 V ~ 3.85 VMax Propagation Delay @ V, Max CL8ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)		Logic - Gates and Inverters
Logic Type  NAND Gate  Number of Circuits  1  Number of Inputs  8  Features  - Voltage - Supply  2 V ~ 5.5 V  Current - Quiescent (Max)  Current - Output High, Low  Logic Level - Low  Logic Level - High  1.5 V ~ 3.85 V  Max Propagation Delay @ V, Max CL  Operating Temperature  40°C ~ 125°C  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  NAND Gate  NAND Gate  NAND Gate  1  8  8  8  8  8  8  8  8  8  8  8  8	Package	14-TSSOP (0.173", 4.40mm Width)
Number of Circuits1Number of Inputs8Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5 V ~ 1.65 VLogic Level - High1.5 V ~ 3.85 VMax Propagation Delay @ V, Max CL8ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Series	74AHC
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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 $0.5 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $8\text{ns}$ @ $5\text{V}$ , $50\text{pF}$ 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)	Number of Circuits	1
Voltage - Supply	Number of Inputs	8
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 $1.5 \ V \sim 3.85 \ V$ Max Propagation Delay @ V, Max CL $8ns \ @ 5V, 50pF$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type $Surface \ Mount$ Supplier Device Package $14\text{-TSSOP}$ Package / Case $14\text{-TSSOP} \ (0.173'', 4.40mm \ Width)$	Features	-
Current - Output High, Low $8mA$ , $8mA$ Logic Level - Low $0.5 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $8ns @ 5V$ , $50pF$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$ Package / Case $14\text{-TSSOP} (0.173", 4.40mm \text{ Width})$	Voltage - Supply	2 V ~ 5.5 V
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Current - Quiescent (Max)	2μΑ
Logic Level - High  1.5 V ~ 3.85 V  Max Propagation Delay @ V, Max CL  8ns @ 5V, 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	8mA, 8mA
Max Propagation Delay @ V, Max CL  8ns @ 5V, 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	0.5 V ~ 1.65 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 ~ 3.85 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	8ns @ 5V, 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?

### 74AHC30PW,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.

### 74AHC30PW,112 Payment Methods



















## 74AHC30PW,112 Shipping Methods













If you have any question about 74AHC30PW,112, please do not hesitate to contact us!

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