

# 74HC21N,652 Information



For Reference Only

Part Number 74HC21N,652

Manufacturer NXP

Category Integrated Circuits (ICs)

Logic - Gates and Inverters

**Description** IC GATE AND 2CH 4-INP 14-DIP

**Package** 14-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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## 74HC21N,652 Specifications

Manufacturer Part Number       74HC21N,652         Manufacturer       NXP         Category       Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       14-DIP (0.300", 7.62mm)         Series       74HC         Logic Type       AND Gate         Number of Circuits       2         Number of Inputs       4         Features       -         Voltage - Supply       2 V ~ 6 V         Current - Quiescent (Max)       2μA         Current - Output High, Low       5.2mA, 5.2mA         Logic Level - Low       0.5 V ~ 1.8 V         Logic Level - High       1.5 V ~ 4.2 V         Max Propagation Delay @ V, Max CL       19ns @ 6V, 50pF         Operating Temperature       -40°C ~ 125°C         Mounting Type       Through Hole         Supplier Device Package       14-DIP         Package / Case       14-DIP (0.300", 7.62mm)		
Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-DIP (0.300", 7.62mm)           Series         74HC           Logic Type         AND Gate           Number of Circuits         2           Number of Inputs         4           Features         -           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         5.2mA, 5.2mA           Logic Level - Low         0.5 V ~ 1.8 V           Logic Level - High         1.5 V ~ 4.2 V           Max Propagation Delay @ V, Max CL         19ns @ 6V, 50pF           Operating Temperature         -40°C ~ 125°C           Mounting Type         Through Hole           Supplier Device Package         14-DIP           Package / Case         14-DIP (0.300", 7.62mm)	Manufacturer Part Number	74HC21N,652
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Series       74HC         Logic Type       AND Gate         Number of Circuits       2         Number of Inputs       4         Features       -         Voltage - Supply       2 V ~ 6 V         Current - Quiescent (Max)       2μA         Current - Output High, Low       5.2mA, 5.2mA         Logic Level - Low       0.5 V ~ 1.8 V         Logic Level - High       1.5 V ~ 4.2 V         Max Propagation Delay @ V, Max CL       19ns @ 6V, 50pF         Operating Temperature       -40°C ~ 125°C         Mounting Type       Through Hole         Supplier Device Package       14-DIP         Package / Case       14-DIP (0.300", 7.62mm)		Logic - Gates and Inverters
Logic TypeAND GateNumber of Circuits2Number of Inputs4Features-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 $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $19\text{ns @ 6V, 50pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeThrough HoleSupplier Device Package $14\text{-DIP}$ Package / Case $14\text{-DIP (0.300", 7.62mm)}$	Package	14-DIP (0.300", 7.62mm)
Number of Circuits       2         Number of Inputs       4         Features       -         Voltage - Supply       2 V ~ 6 V         Current - Quiescent (Max)       2μA         Current - Output High, Low       5.2mA, 5.2mA         Logic Level - Low       0.5 V ~ 1.8 V         Logic Level - High       1.5 V ~ 4.2 V         Max Propagation Delay @ V, Max CL       19ns @ 6V, 50pF         Operating Temperature       -40°C ~ 125°C         Mounting Type       Through Hole         Supplier Device Package       14-DIP         Package / Case       14-DIP (0.300", 7.62mm)	Series	74HC
Number of Inputs 4  Features -  Voltage - Supply 2 $V \sim 6 V$ Current - Quiescent (Max) 2 $\mu$ A  Current - Output High, Low 5.2mA, 5.2mA  Logic Level - Low 0.5 $V \sim 1.8 V$ Logic Level - High 1.5 $V \sim 4.2 V$ Max Propagation Delay @ $V$ , Max CL 19ns @ $6V$ , $50pF$ Operating Temperature - $40^{\circ}C \sim 125^{\circ}C$ Mounting Type Through Hole  Supplier Device Package 14-DIP  Package / Case 14-DIP (0.300", 7.62mm)	Logic Type	AND Gate
Features-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 $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $19\text{ns}$ @ 6V, $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeThrough HoleSupplier Device Package $14\text{-DIP}$ Package / Case $14\text{-DIP}$ ( $0.300^{\circ}$ , $7.62\text{mm}$ )	Number of Circuits	2
$Voltage - Supply \\ Current - Quiescent (Max) \\ 2\mu A \\ Current - Output High, Low \\ 5.2mA, 5.2mA \\ Logic Level - Low \\ 0.5 V \sim 1.8 V \\ Logic Level - High \\ 1.5 V \sim 4.2 V \\ Max Propagation Delay @ V, Max CL \\ Operating Temperature \\ 40^{\circ}C \sim 125^{\circ}C \\ Mounting Type \\ Supplier Device Package \\ Package / Case \\ 14-DIP (0.300", 7.62mm)$	Number of Inputs	4
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $5.2mA$ , $5.2mA$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $19ns @ 6V$ , $50pF$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type $14-DIP$ Through Hole Supplier Device Package $14-DIP$ Package / Case $14-DIP (0.300^{\circ}, 7.62mm)$	Features	-
Current - Output High, Low $5.2\text{mA}$ , $5.2\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $19\text{ns @ 6V, 50pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeThrough HoleSupplier Device Package $14\text{-DIP}$ Package / Case $14\text{-DIP }(0.300^{\circ}, 7.62\text{mm})$	Voltage - Supply	2 V ~ 6 V
Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $19\text{ns}$ @ 6V, $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeThrough HoleSupplier Device Package $14\text{-DIP}$ Package / Case $14\text{-DIP}$ ( $0.300^{\circ}$ , $7.62\text{mm}$ )	Current - Quiescent (Max)	2μΑ
Logic Level - High  1.5 V ~ 4.2 V  Max Propagation Delay @ V, Max CL  19ns @ 6V, 50pF  -40°C ~ 125°C  Mounting Type  Through Hole  Supplier Device Package  14-DIP  Package / Case  14-DIP (0.300", 7.62mm)	Current - Output High, Low	5.2mA, 5.2mA
Max Propagation Delay @ V, Max CL  Operating Temperature  -40°C ~ 125°C  Mounting Type  Through Hole  Supplier Device Package  14-DIP  Package / Case  14-DIP (0.300", 7.62mm)	Logic Level - Low	0.5 V ~ 1.8 V
Operating Temperature  -40°C ~ 125°C  Mounting Type  Through Hole  Supplier Device Package  14-DIP  Package / Case  14-DIP (0.300", 7.62mm)	Logic Level - High	1.5 V ~ 4.2 V
Mounting Type Through Hole Supplier Device Package 14-DIP Package / Case 14-DIP (0.300", 7.62mm)	Max Propagation Delay @ V, Max CL	19ns @ 6V, 50pF
Supplier Device Package 14-DIP Package / Case 14-DIP (0.300", 7.62mm)	Operating Temperature	-40°C ~ 125°C
Package / Case 14-DIP (0.300", 7.62mm)	Mounting Type	Through Hole
	Supplier Device Package	14-DIP
Report errors?	Package / Case	14-DIP (0.300", 7.62mm)
		Report errors?

### 74HC21N,652 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.

### 74HC21N,652 Payment Methods



















## 74HC21N,652 Shipping Methods













If you have any question about 74HC21N,652, please do not hesitate to contact us!

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