

74HC21D,653 Information



For Reference Only

Part Number 74HC21D,653

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE AND 2CH 4-INP 14-SO **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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74HC21D,653 Specifications

Manufacturer 74HC21D,653 Manufacturer Nexperia USA Inc. Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) 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 Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)		
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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 19ns @ 6V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SO Package / Case 14-SOIC ($0.154\text{"}, 3.90\text{mm}$ Width)	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits2Number of Inputs4Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2μACurrent - Output High, Low5.2mA, 5.2mALogic Level - Low0.5 V ~ 1.8 VLogic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL19ns @ 6V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)	Series	74HC
Number of Inputs 4 Features - Voltage - Supply 2 $V \sim 6 V$ Current - Quiescent (Max) 2 μ 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 @ $V \sim 1.8 V$ Operating Temperature - $V \sim 1.8 \sim 1.8 V$ Mounting Type Surface Mount Supplier Device Package 14-SO 14-SOIC (0.154", 3.90mm Width)	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 5.2mA , 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 $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SOIC (0.154° , 3.90mm Width)	Number of Circuits	2
Voltage - Supply $2\ V \sim 6\ V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $5.2\text{mA}, 5.2\text{mA}$ 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 $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package $14\text{-SOIC }(0.154^{\circ}\text{H}, 3.90\text{mm Width})$	Number of Inputs	4
Current - Quiescent (Max) $2\mu A$ $Current$ - Output High, Low $5.2mA$, $5.2mA$ $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - Low $0.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $19ns @ 6V$, $50pF$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type $8urface$ Mount Supplier Device Package $14-SO$ Package / Case $14-SOIC (0.154", 3.90mm Width)$	Features	-
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 $-40 ^{\circ}\text{C} \sim 125 ^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14-\text{SO}$ Package / Case $14-\text{SOIC}$ (0.154 ", 3.90mm Width)	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 19ns @ 6V, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SO Package / Case 14-SOIC (0.154 ", 3.90mm Width)	Current - Quiescent (Max)	2μΑ
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 Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Current - Output High, Low	5.2mA, 5.2mA
Max Propagation Delay @ V, Max CL 19ns @ 6V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - Low	0.5 V ~ 1.8 V
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - High	1.5 V ~ 4.2 V
Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Max Propagation Delay @ V, Max CL	19ns @ 6V, 50pF
Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 125°C
Package / Case 14-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-SO
Report errors?	Package / Case	14-SOIC (0.154", 3.90mm Width)
		Report errors?

74HC21D,653 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.

74HC21D,653 Payment Methods



















74HC21D,653 Shipping Methods













If you have any question about 74HC21D,653, please do not hesitate to contact us!

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