

74HC10D,653 Information



For Reference Only

Part Number 74HC10D,653

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE NAND 3CH 3-INP 14-SO **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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74HC10D,653 Specifications

Manufacturer Part Number 74HC10D,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 NAND Gate Number of Circuits 3 Number of Inputs 3 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 16ns @ 6V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO		
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Voltage - Supply $2\ V \sim 6\ V$ $Current - Quiescent (Max) \\ Current - Output High, Low \\ 5.2mA, 5.2mA \\ Logic Level - Low \\ 0.5\ V \sim 1.8\ V$ $Logic Level - High \\ 1.5\ V \sim 4.2\ V$ $Max\ Propagation\ Delay\ @\ V,\ Max\ CL \\ Operating\ Temperature \\ Mounting\ Type \\ Surface\ Mount$	Number of Inputs	3
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 - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $16ns @ 6V$, $50pF$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount	Features	-
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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 16ns @ 6V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface Mount	Current - Quiescent (Max)	2μΑ
Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 16ns @ 6V, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface Mount	Current - Output High, Low	5.2mA, 5.2mA
Max Propagation Delay @ V, Max CL16ns @ 6V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Logic Level - Low	0.5 V ~ 1.8 V
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount	Logic Level - High	1.5 V ~ 4.2 V
Mounting Type Surface Mount	Max Propagation Delay @ V, Max CL	16ns @ 6V, 50pF
	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 14-SO	Mounting Type	Surface Mount
TI	Supplier Device Package	14-SO
Package / Case 14-SOIC (0.154", 3.90mm Width)	Package / Case	14-SOIC (0.154", 3.90mm Width)
Report errors?		Report errors?

74HC10D,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.

74HC10D,653 Payment Methods





















74HC10D,653 Shipping Methods













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