

74HC10D,652 Information



For Reference Only

Part Number 74HC10D,652

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,652 Specifications

Manufacturer Part Number74HC10D,652ManufacturerNexperia USA Inc.CategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage14-SOIC (0.154", 3.90mm Width)Series74HCLogic TypeNAND GateNumber of Circuits3Number of Inputs3Features-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 CL16ns @ 6V, 50pFOperating Temperature-40°C ~ 125°C		
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	Manufacturer Part Number	74HC10D,652
$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} & 14\text{-SOIC } (0.154\text{", } 3.90\text{mm Width}) \\ \text{Series} & 74\text{HC} \\ \text{Logic Type} & \text{NAND Gate} \\ \text{Number of Circuits} & 3 \\ \text{Number of Inputs} & 3 \\ \text{Features} & - \\ \text{Voltage - Supply} & 2 \text{ V} \sim 6 \text{ V} \\ \text{Current - Quiescent } (\text{Max}) & 2 \mu \text{A} \\ \text{Current - Output High, Low} & 5.2\text{mA}, 5.2\text{mA} \\ \text{Logic Level - Low} & 0.5 \text{ V} \sim 1.8 \text{ V} \\ \text{Logic Level - High} & 1.5 \text{ V} \sim 4.2 \text{ V} \\ \text{Max Propagation Delay @ V, Max CL} & 16\text{ns @ 6V, 50pF} \\ \end{array}$	Manufacturer	Nexperia USA Inc.
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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 16ns @ 6V, 50pF	Number of Circuits	3
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 $16ns\ @ 6V, 50pF$	Number of Inputs	3
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 $16ns @ 6V$, $50pF$	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 $16 \text{ns} \otimes 6 \text{ V}$, 50pF	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 16ns @ 6V , 50pF	Current - Quiescent (Max)	$2\mu A$
Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 16ns @ 6V, 50pF	Current - Output High, Low	5.2mA, 5.2mA
Max Propagation Delay @ V, Max CL 16ns @ 6V, 50pF	Logic Level - Low	0.5 V ~ 1.8 V
	Logic Level - High	1.5 V ~ 4.2 V
Operating Temperature -40°C ~ 125°C	Max Propagation Delay @ V, Max CL	16ns @ 6V, 50pF
opening remperature	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Supplier Device Package 14-SO	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,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.

74HC10D,652 Payment Methods



















74HC10D,652 Shipping Methods













If you have any question about 74HC10D,652, please do not hesitate to contact us!

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