



## 74HC2G00DC,125 Information



For Reference Only

Part Number 74HC2G00DC,125

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE NAND 2CH 2-INP 8-VSSOP **Package** 8-VFSOP (0.091", 2.30mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## 74HC2G00DC,125 Specifications

Manufacturer Part Number         74HC2G00DC,125           Manufacturer         Nexperia USA Inc.           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         8-VFSOP (0.091", 2.30mm Width)           Series         74HC           Logic Type         NAND Gate           Number of Circuits         2           Number of Inputs         2           Features         -           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Max)         20µA           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         7ns @ 6V, 50pF           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Supplier Device Package         8-VSSOP           Package / Case         8-VFSOP (0.091", 2.30mm Width)		
Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         8-VFSOP (0.091", 2.30mm Width)           Series         74HC           Logic Type         NAND Gate           Number of Circuits         2           Number of Inputs         2           Features         -           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Max)         20µA           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         7ns @ 6V, 50pF           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Supplier Device Package         8-VSSOP           Package / Case         8-VFSOP (0.091", 2.30mm Width)	Manufacturer Part Number	74HC2G00DC,125
PackageLogic - Gates and InvertersPackage $8\text{-VFSOP} (0.091", 2.30 \text{mm Width})$ Series $74\text{HC}$ Logic TypeNAND GateNumber of Circuits $2$ Number of Inputs $2$ Features-Voltage - Supply $2\text{ V} \sim 6\text{ V}$ Current - Quiescent (Max) $20\mu\text{A}$ 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 $7\text{ns} @ 6\text{V}, 50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $8\text{-VSSOP}$ Package / Case $8\text{-VFSOP} (0.091", 2.30 \text{mm Width})$	Manufacturer	Nexperia USA Inc.
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Logic TypeNAND GateNumber of Circuits2Number of Inputs2Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)20μACurrent - Output High, Low5.2mA, 5.2mALogic Level - Low0.5 V ~ 1.8 VLogic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL7ns @ 6V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package8-VSSOPPackage / Case8-VFSOP (0.091", 2.30mm Width)	Package	8-VFSOP (0.091", 2.30mm Width)
Number of Circuits2Number of Inputs2Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $20\mu\text{A}$ 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 $7\text{ns @ 6V, 50pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $8\text{-VSSOP}$ Package / Case $8\text{-VFSOP } (0.091", 2.30\text{mm Width})$	Series	74HC
Number of Inputs2Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)20μACurrent - Output High, Low5.2mA, 5.2mALogic Level - Low0.5 V ~ 1.8 VLogic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL7ns @ 6V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package8-VSSOPPackage / Case8-VFSOP (0.091", 2.30mm Width)	Logic Type	NAND Gate
Features - Voltage - Supply 2 $V \sim 6 V$ Current - Quiescent (Max) 20 $\mu$ A	Number of Circuits	2
Voltage - Supply $2\ V \sim 6\ V$ Current - Quiescent (Max) $20\mu A$ 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 $7\text{ns @ 6V}, 50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type $Surface \ Mount \\ Supplier Device Package$ $8-VSSOP$ Package / Case $8-VFSOP \ (0.091", 2.30\text{mm Width})$	Number of Inputs	2
Current - Quiescent (Max) $20\mu A$ $Current$ - Output High, Low $5.2mA$ , $5.2mA$ $0.5 V \sim 1.8 V$ $0.5 V \sim 1.8 V$ Logic Level - High $1.5 V \sim 4.2 V$ $0.5 V \sim 4.2 V$ $0.5 V \sim 1.8 \circ 6 V$ , $50pF$ $0.5 V \sim 1.8 \circ 7 V$ , $1.8 V$ , $1.8$	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 $7 \text{ns @ 6V}$ , $50 \text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $8\text{-VSSOP}$ Package / Case $8\text{-VFSOP } (0.091", 2.30 \text{mm Width})$	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 $7\text{ns}$ @ 6V, $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $8\text{-VSSOP}$ Package / Case $8\text{-VFSOP}$ ( $0.091$ ", $2.30\text{mm}$ Width)	Current - Quiescent (Max)	20μΑ
Logic Level - High  1.5 V ~ 4.2 V  Max Propagation Delay @ V, Max CL  7ns @ 6V, 50pF  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Supplier Device Package  8-VSSOP  Package / Case  8-VFSOP (0.091", 2.30mm Width)	Current - Output High, Low	5.2mA, 5.2mA
Max Propagation Delay @ V, Max CL7ns @ 6V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package8-VSSOPPackage / Case8-VFSOP (0.091", 2.30mm Width)	Logic Level - Low	0.5 V ~ 1.8 V
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Mounting Type Surface Mount Supplier Device Package 8-VSSOP Package / Case 8-VFSOP (0.091", 2.30mm Width)	Max Propagation Delay @ V, Max CL	7ns @ 6V, 50pF
Supplier Device Package 8-VSSOP Package / Case 8-VFSOP (0.091", 2.30mm Width)	Operating Temperature	-40°C ~ 125°C
Package / Case 8-VFSOP (0.091", 2.30mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	8-VSSOP
Report errors?	Package / Case	8-VFSOP (0.091", 2.30mm Width)
		Report errors?

### 74HC2G00DC,125 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.

### 74HC2G00DC,125 Payment Methods



















### 74HC2G00DC,125 Shipping Methods













If you have any question about 74HC2G00DC,125, please do not hesitate to contact us!

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