



# 74AHCT2G00DP,125 Information



For Reference Only

Part Number 74AHCT2G00DP,125

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE NAND 2CH 2-INP 8-TSSOP **Package** 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

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# 74AHCT2G00DP,125 Specifications

Manufacturer Part Number         74AHCT2G00DP,125           Manufacturer         Nexperia USA Inc.           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)           Series         74AHCT           Logic Type         NAND Gate           Number of Circuits         2           Number of Inputs         2           Features         -           Voltage - Supply         4.5 V ~ 5.5 V           Current - Quiescent (Max)         1μA           Current - Output High, Low         8mA, 8mA           Logic Level - Low         0.8V           Logic Level - High         2V           Max Propagation Delay @ V, Max CL         7.9ns @ 5V, 50pF           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Supplier Device Package         8-TSSOP           Package / Case         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)		
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Features-Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $1\mu\text{A}$ Current - Output High, Low $8\text{mA}$ , $8\text{mA}$ Logic Level - Low $0.8\text{V}$ Logic Level - High $2\text{V}$ Max Propagation Delay @ V, Max CL $7.9\text{ns}$ @ 5V, $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $8\text{-TSSOP}$ Package / Case $8\text{-TSSOP}$ , $8\text{-MSOP}$ ( $0.118^{\circ}$ , $3.00\text{mm}$ Width)	Number of Circuits	2
Voltage - Supply 4.5 V $\sim$ 5.5 V Current - Quiescent (Max) 1µA Current - Output High, Low 8mA, 8mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF Operating Temperature -40°C $\sim$ 125°C Mounting Type Surface Mount Supplier Device Package 8-TSSOP Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Number of Inputs	2
Current - Quiescent (Max)  Current - Output High, Low  8mA, 8mA  Logic Level - Low  0.8V  Logic Level - High  2V  Max Propagation Delay @ V, Max CL  7.9ns @ 5V, 50pF  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Supplier Device Package  8-TSSOP  Package / Case  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Features	-
Current - Output High, Low  8mA, 8mA  Logic Level - Low  0.8V  Logic Level - High  2V  Max Propagation Delay @ V, Max CL  7.9ns @ 5V, 50pF  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Supplier Device Package  8-TSSOP  Package / Case  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Voltage - Supply	4.5 V ~ 5.5 V
Logic Level - Low  Logic Level - High  2V  Max Propagation Delay @ V, Max CL  7.9ns @ 5V, 50pF  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Supplier Device Package  8-TSSOP  Package / Case  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Current - Quiescent (Max)	1μΑ
Logic Level - High  Max Propagation Delay @ V, Max CL  7.9ns @ 5V, 50pF  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Supplier Device Package  8-TSSOP  Package / Case  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Current - Output High, Low	8mA, 8mA
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Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Supplier Device Package  8-TSSOP  Package / Case  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Logic Level - High	2V
Mounting Type Surface Mount Supplier Device Package Package / Case Surface Mount 8-TSSOP 8-TSSOP (0.118", 3.00mm Width)	Max Propagation Delay @ V, Max CL	7.9ns @ 5V, 50pF
Supplier Device Package  8-TSSOP  Package / Case  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Operating Temperature	-40°C ~ 125°C
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	8-TSSOP
Report errors?	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
		Report errors?

### 74AHCT2G00DP,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.

### 74AHCT2G00DP,125 Payment Methods



















## 74AHCT2G00DP,125 Shipping Methods













If you have any question about 74AHCT2G00DP,125, please do not hesitate to contact us!

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