



## 74HC11D-Q100J Information



For Reference Only

Part Number 74HC11D-Q100J

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

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

For the pricing/inventory/lead time, please contact

us

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



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# 74HC11D-Q100J Specifications

Manufacturer Part Number         74HC11D-Q100J           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         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         17ns @ 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 Circuits3Number of Inputs3Features-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 $17\text{ns @ 6V, 50pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-SO}$ Package / Case $14\text{-SOIC } (0.154\text{"}, 3.90\text{mm Width})$	Package	14-SOIC (0.154", 3.90mm Width)
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Number of Inputs 3 Features - 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 17ns @ $V \sim 1.8 V$ Operating Temperature - $V \sim 1.8 V \sim 1.8 V$ 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 $5.2\text{mA}$ , $5.2\text{mA}$ 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 $17\text{ns}$ @ 6V, $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package $14\text{-SOIC}$ (0.154", 3.90mm Width)	Number of Circuits	3
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 $17\text{ns @ 6V, 50pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type $\text{Surface Mount}$ Supplier Device Package $14\text{-SOIC }(0.154^{\circ}\text{H}, 3.90\text{mm Width})$	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 - Low $0.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $17ns$ @ 6V, $50pF$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount Supplier Device Package $14-SO$ Package / Case $14-SOIC$ (0.154", 3.90mm Width)	Features	-
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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?

### 74HC11D-Q100J 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.

### 74HC11D-Q100J Payment Methods



















## 74HC11D-Q100J Shipping Methods













If you have any question about 74HC11D-Q100J, please do not hesitate to contact us!

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