

74LV00D,118 Information



For Reference Only

Part Number 74LV00D,118

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE NAND 4CH 2-INP 14-SO **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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74LV00D,118 Specifications

Manufacturer Part Number 74LV00D,118 Manufacturer Nexperia USA Inc. Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series 74LV Logic Type NAND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 1 V ~ 5.5 V Current - Quiescent (Max) 40μA Current - Output High, Low 12mA, 12mA Logic Level - Low 0.3 V ~ 0.8 V Logic Level - High 0.9 V ~ 2 V Max Propagation Delay @ V, Max CL 6.5ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOI Package / Case 14-SOIC (0.154", 3.90mm Width)		
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Logic TypeNAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply $1 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $40\mu\text{A}$ Current - Output High, Low 12mA , 12mA Logic Level - Low $0.3 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $0.9 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL 6.5ns @ 5V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SO Package / Case 14-SOIC (0.154" , 3.90mm Width)	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits4Number of Inputs2Features-Voltage - Supply1 V ~ 5.5 VCurrent - Quiescent (Max)40μACurrent - Output High, Low12mA, 12mALogic Level - Low0.3 V ~ 0.8 VLogic Level - High0.9 V ~ 2 VMax Propagation Delay @ V, Max CL6.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)	Series	74LV
Number of Inputs 2 Features - Voltage - Supply 1 $V \sim 5.5 V$ Current - Quiescent (Max) 40 μ A Current - Output High, Low 12mA, 12mA Logic Level - Low 0.3 $V \sim 0.8 V$ Logic Level - High 0.9 $V \sim 2 V$ Max Propagation Delay @ V, Max CL 6.5ns @ 5V, 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)	Logic Type	NAND Gate
Features-Voltage - Supply $1 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $40\mu\text{A}$ Current - Output High, Low 12mA , 12mA Logic Level - Low $0.3 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $0.9 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL 6.5ns @ 5V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SOIC (0.154° , 3.90mm Width)	Number of Circuits	4
Voltage - Supply $1\ V \sim 5.5\ V$ Current - Quiescent (Max) $40\mu A$ Current - Output High, Low $12mA, 12mA$ Logic Level - Low $0.3\ V \sim 0.8\ V$ Logic Level - High $0.9\ V \sim 2\ V$ Max Propagation Delay @ V, Max CL $6.5ns\ @ 5V, 50pF$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type $Surface\ Mount$ Supplier Device Package $14-SO$ Package / Case $14-SOIC\ (0.154", 3.90mm\ Width)$	Number of Inputs	2
Current - Quiescent (Max) $40\mu A$ Current - Output High, Low $12mA$, $12mA$ Logic Level - Low $0.3 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $0.9 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $6.5ns @ 5V$, $50pF$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount Supplier Device Package $14-SO$ Package / Case $14-SOIC (0.154^{\circ}, 3.90mm \text{ Width})$	Features	-
Current - Output High, Low 12mA, 12mA Logic Level - Low 0.3 V ~ 0.8 V Logic Level - High 0.9 V ~ 2 V Max Propagation Delay @ V, Max CL 6.5ns @ 5V, 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)	Voltage - Supply	1 V ~ 5.5 V
Logic Level - Low $0.3 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $0.9 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL 6.5ns @ 5V , 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 ", 3.90mm Width)	Current - Quiescent (Max)	40μΑ
Logic Level - High 0.9 V ~ 2 V Max Propagation Delay @ V, Max CL 6.5ns @ 5V, 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)	Current - Output High, Low	12mA, 12mA
Max Propagation Delay @ V, Max CL 6.5ns @ 5V, 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)	Logic Level - Low	0.3 V ~ 0.8 V
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - High	0.9 V ~ 2 V
Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Max Propagation Delay @ V, Max CL	6.5ns @ 5V, 50pF
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?

74LV00D,118 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.

74LV00D,118 Payment Methods



















74LV00D,118 Shipping Methods













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