

# 74LVU04D,118 Information



For Reference Only

Part Number 74LVU04D,118

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC INVERTER 6CH 6-INP 14SO **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



Request a Quote

## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# 74LVU04D,118 Specifications

Manufacturer Part Number         74LVU04D,118           Manufacturer         Nexperia USA Inc.           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-SOIC (0.154", 3.90mm Width)           Series         74LVU           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         -           Voltage - Supply         1 V ~ 5.5 V           Current - Quiescent (Max)         40μA           Current - Output High, Low         12mA, 12mA           Logic Level - Low         0.2 V ~ 0.5 V           Logic Level - High         1 V ~ 2.4 V           Max Propagation Delay @ V, Max CL         7ns @ 3.3V, 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)		
Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-SOIC (0.154", 3.90mm Width)           Series         74LVU           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         -           Voltage - Supply         1 V ~ 5.5 V           Current - Quiescent (Max)         40μA           Current - Output High, Low         12mA, 12mA           Logic Level - Low         0.2 V ~ 0.5 V           Logic Level - High         1 V ~ 2.4 V           Max Propagation Delay @ V, Max CL         7ns @ 3.3V, 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)	Manufacturer Part Number	74LVU04D,118
Package         14-SOIC (0.154", 3.90mm Width)           Series         74LVU           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         -           Voltage - Supply         1 V ~ 5.5 V           Current - Quiescent (Max)         40μA           Current - Output High, Low         12mA, 12mA           Logic Level - Low         0.2 V ~ 0.5 V           Logic Level - High         1 V ~ 2.4 V           Max Propagation Delay @ V, Max CL         7ns @ 3.3V, 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)	Manufacturer	Nexperia USA Inc.
Package       14-SOIC (0.154", 3.90mm Width)         Series       74LVU         Logic Type       Inverter         Number of Circuits       6         Number of Inputs       6         Features       -         Voltage - Supply       1 V ~ 5.5 V         Current - Quiescent (Max)       40μA         Current - Output High, Low       12mA, 12mA         Logic Level - Low       0.2 V ~ 0.5 V         Logic Level - High       1 V ~ 2.4 V         Max Propagation Delay @ V, Max CL       7ns @ 3.3V, 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)	Category	Integrated Circuits (ICs)
Series         74LVU           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         -           Voltage - Supply         1 V ~ 5.5 V           Current - Quiescent (Max)         40μA           Current - Output High, Low         12mA, 12mA           Logic Level - Low         0.2 V ~ 0.5 V           Logic Level - High         1 V ~ 2.4 V           Max Propagation Delay @ V, Max CL         7ns @ 3.3V, 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 - Gates and Inverters
Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         -           Voltage - Supply         1 V ~ 5.5 V           Current - Quiescent (Max)         40μA           Current - Output High, Low         12mA, 12mA           Logic Level - Low         0.2 V ~ 0.5 V           Logic Level - High         1 V ~ 2.4 V           Max Propagation Delay @ V, Max CL         7ns @ 3.3V, 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)	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits6Number of Inputs6Features-Voltage - Supply1 V ~ 5.5 VCurrent - Quiescent (Max)40μACurrent - Output High, Low12mA, 12mALogic Level - Low0.2 V ~ 0.5 VLogic Level - High1 V ~ 2.4 VMax Propagation Delay @ V, Max CL7ns @ 3.3V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)	Series	74LVU
Number of Inputs 6 Features - Voltage - Supply 1 $V \sim 5.5 V$ Current - Quiescent (Max) 40 $\mu$ A Current - Output High, Low 12mA, 12mA Logic Level - Low 0.2 $V \sim 0.5 V$ Logic Level - High 1 $V \sim 2.4 V$ Max Propagation Delay @ V, Max CL 7ns @ 3.3V, 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	Inverter
Features  Voltage - Supply  1 V ~ 5.5 V  Current - Quiescent (Max)  40μA  Current - Output High, Low  12mA, 12mA  Logic Level - Low  0.2 V ~ 0.5 V  Logic Level - High  1 V ~ 2.4 V  Max Propagation Delay @ V, Max CL  7ns @ 3.3V, 50pF  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Supplier Device Package  14-SOIC (0.154", 3.90mm Width)	Number of Circuits	6
Voltage - Supply $1\ V \sim 5.5\ V$ Current - Quiescent (Max) $40\mu A$ Current - Output High, Low $12mA, 12mA$ Logic Level - Low $0.2\ V \sim 0.5\ V$ Logic Level - High $1\ V \sim 2.4\ V$ Max Propagation Delay @ V, Max CL $7ns\ @\ 3.3V, 50pF$ 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	6
Current - Quiescent (Max) $40\mu A$ Current - Output High, Low $12mA$ , $12mA$ Logic Level - Low $0.2 \text{ V} \sim 0.5 \text{ V}$ Logic Level - High $1 \text{ V} \sim 2.4 \text{ V}$ Max Propagation Delay @ V, Max CL $7ns$ @ $3.3\text{V}$ , $50pF$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package $14-SO$ Package / Case $14-SOIC$ (0.154", $3.90mm$ Width)	Features	-
Current - Output High, Low  12mA, 12mA  Logic Level - Low  0.2 V ~ 0.5 V  Logic Level - High  1 V ~ 2.4 V  Max Propagation Delay @ V, Max CL  7ns @ 3.3V, 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 $0.2 \text{ V} \sim 0.5 \text{ V}$ Logic Level - High $1 \text{ V} \sim 2.4 \text{ V}$ Max Propagation Delay @ V, Max CL $7\text{ns}$ @ $3.3\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-SO}$ Package / Case $14\text{-SOIC}$ ( $0.154$ ", $3.90\text{mm}$ Width)	Current - Quiescent (Max)	40μΑ
Logic Level - High  1 V ~ 2.4 V  Max Propagation Delay @ V, Max CL  7ns @ 3.3V, 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  7ns @ 3.3V, 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	0.2 V ~ 0.5 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	1 V ~ 2.4 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	7ns @ 3.3V, 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?

## 74LVU04D,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.

## 74LVU04D,118 Payment Methods



















# 74LVU04D,118 Shipping Methods













If you have any question about 74LVU04D,118, please do not hesitate to contact us!

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