

### 74LVX14SJ Information

Part Number 74LVX14SJ

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC INVERTER SCHMITT 6CH 14SOIC

**Package** 14-SOIC (0.209", 5.30mm Width)

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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# **Certified Quality**

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## 74LVX14SJ Specifications

Manufacturer Part Number         74LVX14SJ           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-SOIC (0.209", 5.30mm Width)           Series         74LVX           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         Schmitt Trigger           Voltage - Supply         2 V ~ 3.6 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         4mA, 4mA           Logic Level - Low         0.9V           Logic Level - High         2.2V           Max Propagation Delay @ V, Max CL         14.1ns @ 3.3V, 50pF		
$ \begin{array}{c c} \textbf{Category} & \textbf{Integrated Circuits (ICs)} \\ \textbf{Logic - Gates and Inverters} \\ \textbf{Package} & 14-SOIC (0.209", 5.30mm Width) \\ \textbf{Series} & 74LVX \\ \textbf{Logic Type} & \textbf{Inverter} \\ \textbf{Number of Circuits} & 6 \\ \textbf{Number of Inputs} & 6 \\ \textbf{Features} & \textbf{Schmitt Trigger} \\ \textbf{Voltage - Supply} & 2 \ V \sim 3.6 \ V \\ \textbf{Current - Quiescent (Max)} & 2\mu A \\ \textbf{Current - Output High, Low} & 4mA, 4mA} \\ \textbf{Logic Level - Low} & 0.9V \\ \textbf{Logic Level - High} & 2.2V \\ \end{array} $	Manufacturer Part Number	74LVX14SJ
$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} & 14\text{-SOIC } (0.209\text{"}, 5.30\text{mm Width}) \\ \text{Series} & 74\text{LVX} \\ \text{Logic Type} & \text{Inverter} \\ \text{Number of Circuits} & 6 \\ \text{Number of Inputs} & 6 \\ \text{Features} & \text{Schmitt Trigger} \\ \text{Voltage - Supply} & 2\text{ V} \sim 3.6\text{ V} \\ \text{Current - Quiescent } (\text{Max}) & 2\mu\text{A} \\ \text{Current - Output High, Low} & 4\text{mA, 4mA} \\ \text{Logic Level - Low} & 0.9\text{V} \\ \text{Logic Level - High} & 2.2\text{V} \\ \end{array}$	Manufacturer	ON Semiconductor
Package14-SOIC (0.209", 5.30mm Width)Series74LVXLogic TypeInverterNumber of Circuits6Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply2 V ~ 3.6 VCurrent - Quiescent (Max)2μACurrent - Output High, Low4mA, 4mALogic Level - Low0.9VLogic Level - High2.2V	Category	Integrated Circuits (ICs)
Series $74LVX$ Logic TypeInverterNumber of Circuits6Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply $2 V \sim 3.6 V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $4mA, 4mA$ Logic Level - Low $0.9V$ Logic Level - High $2.2V$		Logic - Gates and Inverters
Logic TypeInverterNumber of Circuits6Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply $2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $4\text{mA}$ , $4\text{mA}$ Logic Level - Low $0.9\text{V}$ Logic Level - High $2.2\text{V}$	Package	14-SOIC (0.209", 5.30mm Width)
Number of Circuits6Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply $2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $4\text{mA}$ , $4\text{mA}$ Logic Level - Low $0.9\text{V}$ Logic Level - High $2.2\text{V}$	Series	74LVX
Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply $2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $4\text{mA}$ , $4\text{mA}$ Logic Level - Low $0.9\text{V}$ Logic Level - High $2.2\text{V}$	Logic Type	Inverter
Features Schmitt Trigger Voltage - Supply $2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $4\text{mA}$ , $4\text{mA}$ Logic Level - Low $0.9\text{V}$ Logic Level - High $2.2\text{V}$	Number of Circuits	6
Voltage - Supply $2\ V \sim 3.6\ V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $4mA, 4mA$ Logic Level - Low $0.9V$ Logic Level - High $2.2V$	Number of Inputs	6
Current - Quiescent (Max)       2μA         Current - Output High, Low       4mA, 4mA         Logic Level - Low       0.9V         Logic Level - High       2.2V	Features	Schmitt Trigger
Current - Output High, Low 4mA, 4mA Logic Level - Low 0.9V Logic Level - High 2.2V	Voltage - Supply	2 V ~ 3.6 V
Logic Level - Low 0.9V Logic Level - High 2.2V	Current - Quiescent (Max)	$2\mu A$
Logic Level - High 2.2V	Current - Output High, Low	4mA, 4mA
	Logic Level - Low	0.9V
Max Propagation Delay @ V, Max CL 14.1ns @ 3.3V, 50pF	Logic Level - High	2.2V
	Max Propagation Delay @ V, Max CL	14.1ns @ 3.3V, 50pF
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Supplier Device Package 14-SOP	Supplier Device Package	14-SOP
Package / Case 14-SOIC (0.209", 5.30mm Width)	Package / Case	14-SOIC (0.209", 5.30mm Width)
Report errors?		Report errors?

### 74LVX14SJ 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.

### 74LVX14SJ Payment Methods



















## 74LVX14SJ Shipping Methods













If you have any question about 74LVX14SJ, please do not hesitate to contact us!

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