



### 74AC14SJX Information

Part Number 74AC14SJX

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC INVERTER SCHMITT 6CH 14SOP **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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# 74AC14SJX Specifications

Manufacturer Part Number         74AC14SIX           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-SOIC (0.209", 5.30mm Width)           Series         74AC           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         Schmitt Trigger           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         24mA, 24mA           Logic Level - Low         0.5 V ~ 1.1 V           Logic Level - High         2.2 V ~ 3.9 V           Max Propagation Delay @ V, Max CL         10ns @ 5V, 50pF           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Supplier Device Package         14-SOP           Package / Case         14-SOIC (0.209", 5.30mm Width)		
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Package14-SOIC (0.209", 5.30mm Width)Series74ACLogic TypeInverterNumber of Circuits6Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $24\text{mA}$ , $24\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.1 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.9 \text{ V}$ Max Propagation Delay @ V, Max CL $10\text{ns}$ @ 5V, $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-SOP}$ Package / Case $14\text{-SOIC}$ (0.209", 5.30mm Width)	Category	Integrated Circuits (ICs)
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Number of Inputs 6 Features Schmitt Trigger  Voltage - Supply 2 $V \sim 6 V$ Current - Quiescent (Max) 2 $\mu$ A  Current - Output High, Low 24mA, 24mA  Logic Level - Low 0.5 $V \sim 1.1 V$ Logic Level - High 2.2 $V \sim 3.9 V$ Max Propagation Delay @ $V$ , Max CL 10ns @ $V$ , 5 $V$ 50pF  Operating Temperature -40°C $V$ 85°C  Mounting Type Surface Mount  Supplier Device Package 14-SOP  Package / Case 14-SOIC (0.209", 5.30mm Width)	Logic Type	Inverter
FeaturesSchmitt TriggerVoltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $24\text{mA}$ , $24\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.1 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.9 \text{ V}$ Max Propagation Delay @ V, Max CL $10\text{ns}$ @ $5\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-SOP}$ Package / Case $14\text{-SOIC}$ ( $0.209^{\circ}$ , $5.30\text{mm}$ Width)	Number of Circuits	6
Voltage - Supply $2\ V \sim 6\ V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.5\ V \sim 1.1\ V$ Logic Level - High $2.2\ V \sim 3.9\ V$ Max Propagation Delay @ V, Max CL $10ns\ @ 5V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface\ Mount$ Supplier Device Package $14-SOP$ Package / Case $14-SOIC\ (0.209'', 5.30mm\ Width)$	Number of Inputs	6
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.5 \ V \sim 1.1 \ V$ Logic Level - High $2.2 \ V \sim 3.9 \ V$ Max Propagation Delay @ V, Max CL $10ns \ @ 5V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface \ Mount$ Supplier Device Package $14-SOP$ Package / Case $14-SOIC \ (0.209'', 5.30mm \ Width)$	Features	Schmitt Trigger
Current - Output High, Low  24mA, 24mA  Logic Level - Low  0.5 V ~ 1.1 V  Logic Level - High  2.2 V ~ 3.9 V  Max Propagation Delay @ V, Max CL  10ns @ 5V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-SOP  Package / Case  14-SOIC (0.209", 5.30mm Width)	Voltage - Supply	2 V ~ 6 V
Logic Level - Low $0.5 \text{ V} \sim 1.1 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.9 \text{ V}$ Max Propagation Delay @ V, Max CL $10 \text{ns}$ @ $5 \text{V}$ , $50 \text{pF}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14 \text{-SOP}$ Package / Case $14 \text{-SOIC}$ ( $0.209^{\circ}$ , $5.30 \text{mm}$ Width)	Current - Quiescent (Max)	2μΑ
Logic Level - High  2.2 V ~ 3.9 V  Max Propagation Delay @ V, Max CL  10ns @ 5V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-SOP  Package / Case  14-SOIC (0.209", 5.30mm Width)	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL  10ns @ 5V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-SOP  Package / Case  14-SOIC (0.209", 5.30mm Width)	Logic Level - Low	0.5 V ~ 1.1 V
Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-SOP  Package / Case  14-SOIC (0.209", 5.30mm Width)	Logic Level - High	2.2 V ~ 3.9 V
Mounting Type Surface Mount Supplier Device Package 14-SOP Package / Case 14-SOIC (0.209", 5.30mm Width)	Max Propagation Delay @ V, Max CL	10ns @ 5V, 50pF
Supplier Device Package 14-SOP Package / Case 14-SOIC (0.209", 5.30mm Width)	Operating Temperature	-40°C ~ 85°C
Package / Case 14-SOIC (0.209", 5.30mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-SOP
Report errors?	Package / Case	14-SOIC (0.209", 5.30mm Width)
*		Report errors?

### 74AC14SJX 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.

### 74AC14SJX Payment Methods



















## 74AC14SJX Shipping Methods













If you have any question about 74AC14SJX, please do not hesitate to contact us!

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