

### 74AC20SJX Information

Part Number 74AC20SJX

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE NAND 2CH 4-INP 14-SOIC **Package** 14-SOIC (0.209", 5.30mm Width)

For the pricing/inventory/lead time, please contact

us

For Reference Only

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## 74AC20SJX Specifications

Manufacturer       74AC20SJX         Manufacturer       Fairchild/ON Semiconductor         Category       Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       14-SOIC (0.209", 5.30mm Width)         Series       74AC         Logic Type       NAND Gate         Number of Circuits       2         Number of Inputs       4         Features       -         Voltage - Supply       2 V ~ 6 V         Current - Quiescent (Max)       2μA         Current - Output High, Low       24mA, 24mA         Logic Level - Low       0.9 V ~ 1.65 V         Logic Level - High       2.1 V ~ 3.85 V         Max Propagation Delay @ V, Max CL       7ns @ 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)		
Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-SOIC (0.209", 5.30mm Width)           Series         74AC           Logic Type         NAND Gate           Number of Circuits         2           Number of Inputs         4           Features         -           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         24mA, 24mA           Logic Level - Low         0.9 V ~ 1.65 V           Logic Level - High         2.1 V ~ 3.85 V           Max Propagation Delay @ V, Max CL         7ns @ 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)	Manufacturer Part Number	74AC20SJX
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Package 14-SOIC (0.209", 5.30mm Width)  Series 74AC  Logic Type NAND Gate  Number of Circuits 2  Number of Inputs 4  Features -  Voltage - Supply 2 $V \sim 6$ $V$ Current - Quiescent (Max) 2 $V \sim 6$ $V$ Current - Output High, Low 24 $V \sim 6$ $V$ Logic Level - Low 0.9 $V \sim 1.65$ $V$ Logic Level - High 2.1 $V \sim 3.85$ $V$ Max Propagation Delay @ $V \sim 1.65$ $V \sim 1.$	Category	Integrated Circuits (ICs)
Series         74AC           Logic Type         NAND Gate           Number of Circuits         2           Number of Inputs         4           Features         -           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         24mA, 24mA           Logic Level - Low         0.9 V ~ 1.65 V           Logic Level - High         2.1 V ~ 3.85 V           Max Propagation Delay @ V, Max CL         7ns @ 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 - Gates and Inverters
Logic TypeNAND GateNumber of Circuits2Number of Inputs4Features-Voltage - 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 $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $7\text{ns} \otimes 5\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-SOP}$ Package / Case $14\text{-SOIC} (0.209^{\circ}, 5.30\text{mm Width})$	Package	14-SOIC (0.209", 5.30mm Width)
Number of Circuits2Number of Inputs4Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2μACurrent - Output High, Low24mA, 24mALogic Level - Low0.9 V ~ 1.65 VLogic Level - High2.1 V ~ 3.85 VMax Propagation Delay @ V, Max CL7ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-SOPPackage / Case14-SOIC (0.209", 5.30mm Width)	Series	74AC
Number of Inputs4Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2μACurrent - Output High, Low24mA, 24mALogic Level - Low0.9 V ~ 1.65 VLogic Level - High2.1 V ~ 3.85 VMax Propagation Delay @ V, Max CL7ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-SOPPackage / Case14-SOIC (0.209", 5.30mm Width)	Logic Type	NAND Gate
Features-Voltage - 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 $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $7\text{ns}$ @ $5\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-SOIC}$ ( $0.209^{\circ}$ , $5.30\text{mm}$ Width)	Number of Circuits	2
Voltage - Supply $2\ V \sim 6\ V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.9\ V \sim 1.65\ V$ Logic Level - High $2.1\ V \sim 3.85\ V$ Max Propagation Delay @ V, Max CL $7ns\ @ 5V, 50pF$ 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	4
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $7ns @ 5V, 50pF$ 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	-
Current - Output High, Low  24mA, 24mA  Logic Level - Low  0.9 V ~ 1.65 V  Logic Level - High  2.1 V ~ 3.85 V  Max Propagation Delay @ V, Max CL  7ns @ 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 $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $7\text{ns @ 5V, 50pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-SOP}$ Package / Case $14\text{-SOIC (0.209", 5.30mm Width)}$	Current - Quiescent (Max)	2μΑ
Logic Level - High  2.1 V ~ 3.85 V  Max Propagation Delay @ V, Max CL  7ns @ 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  7ns @ 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	0.9 V ~ 1.65 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	2.1 V ~ 3.85 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	7ns @ 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?

### 74AC20SJX 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.

### 74AC20SJX Payment Methods



















### 74AC20SJX Shipping Methods













If you have any question about 74AC20SJX, please do not hesitate to contact us!

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