

## **74ACT00SJ Information**

www.heisener.cam

For Reference Only

Part Number 74ACT00SJ

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

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









# **74ACT00SJ Specifications**

Manufacturer       74ACT00SJ         Manufacturer       Fairchild/ON Semiconductor         Category       Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       14-SOIC (0.209", 5.30mm Width)         Series       74ACT         Logic Type       NAND Gate         Number of Circuits       4         Number of Inputs       2         Features       -         Voltage - Supply       4.5 V ~ 5.5 V         Current - Quiescent (Max)       2μA         Current - Output High, Low       24mA, 24mA         Logic Level - Low       0.8V         Logic Level - High       2V         Max Propagation Delay @ V, Max CL       9ns @ 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         74ACT           Logic Type         NAND Gate           Number of Circuits         4           Number of Inputs         2           Features         -           Voltage - Supply         4.5 V ~ 5.5 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         24mA, 24mA           Logic Level - Low         0.8V           Logic Level - High         2V           Max Propagation Delay @ V, Max CL         9ns @ 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	74ACT00SJ
Logic - Gates and Inverters         Package       14-SOIC (0.209", 5.30mm Width)         Series       74ACT         Logic Type       NAND Gate         Number of Circuits       4         Number of Inputs       2         Features       -         Voltage - Supply       4.5 V ~ 5.5 V         Current - Quiescent (Max)       2μA         Current - Output High, Low       24mA, 24mA         Logic Level - Low       0.8V         Logic Level - High       2V         Max Propagation Delay @ V, Max CL       9ns @ 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	Fairchild/ON Semiconductor
Package       14-SOIC (0.209", 5.30mm Width)         Series       74ACT         Logic Type       NAND Gate         Number of Circuits       4         Number of Inputs       2         Features       -         Voltage - Supply       4.5 V ~ 5.5 V         Current - Quiescent (Max)       2μA         Current - Output High, Low       24mA, 24mA         Logic Level - Low       0.8V         Logic Level - High       2V         Max Propagation Delay @ V, Max CL       9ns @ 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)
Series         74ACT           Logic Type         NAND Gate           Number of Circuits         4           Number of Inputs         2           Features         -           Voltage - Supply         4.5 V ~ 5.5 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         24mA, 24mA           Logic Level - Low         0.8V           Logic Level - High         2V           Max Propagation Delay @ V, Max CL         9ns @ 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 Circuits4Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low24mA, 24mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL9ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-SOPPackage / Case14-SOIC (0.209", 5.30mm Width)	Package	14-SOIC (0.209", 5.30mm Width)
Number of Circuits4Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low24mA, 24mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL9ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-SOPPackage / Case14-SOIC (0.209", 5.30mm Width)	Series	74ACT
Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low24mA, 24mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL9ns @ 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  4.5 V ~ 5.5 V  Current - Quiescent (Max)  Current - Output High, Low  Logic Level - Low  Logic Level - High  2V  Max Propagation Delay @ V, Max CL  Operating Temperature  4.6 V ~ 5.5 V  24mA, 24mA  0.8V  2v  Max Propagation Delay @ V, Max CL  9ns @ 5V, 50pF  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-SOIC (0.209", 5.30mm Width)	Number of Circuits	4
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24\text{mA}, 24\text{mA}$ Logic Level - Low $0.8\text{V}$ Logic Level - High $2\text{V}$ Max Propagation Delay @ V, Max CL $9\text{ns @ 5V, 50pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type $Surface \text{ Mount}$ Supplier Device Package $14\text{-SOIC } (0.209^{\circ}\text{, 5.30mm Width})$	Number of Inputs	2
Current - Quiescent (Max)2μACurrent - Output High, Low24mA, 24mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL9ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-SOPPackage / Case14-SOIC (0.209", 5.30mm Width)	Features	-
Current - Output High, Low  Logic Level - Low  0.8V  Logic Level - High  2V  Max Propagation Delay @ V, Max CL  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	4.5 V ~ 5.5 V
Logic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL9ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-SOPPackage / Case14-SOIC (0.209", 5.30mm Width)	Current - Quiescent (Max)	2μΑ
Logic Level - High  Max Propagation Delay @ V, Max CL  9ns @ 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  9ns @ 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	0.8V
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	2V
Mounting Type Surface Mount Supplier Device Package 14-SOP Package / Case 14-SOIC (0.209", 5.30mm Width)	Max Propagation Delay @ V, Max CL	9ns @ 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?

## **74ACT00SJ 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.

## 74ACT00SJ Payment Methods



















## **74ACT00SJ Shipping Methods**













If you have any question about 74ACT00SJ, please do not hesitate to contact us!

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