



MM74HC00SJ Information

ener com

Part Number MM74HC00SJ

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

For Reference Only

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.









MM74HC00SJ Specifications

Manufacturer Part Number MM74HC00SJ Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.209", 5.30mm Width) Series 74HC Logic Type NAND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 6 V Current - Quiescent (Max) 2µA Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.5 V ~ 1.8 V Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 15ns @ 6V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-SOP		
CategoryIntegrated Circuits (ICs)Package $14\text{-SOIC }(0.209^{\circ}, 5.30 \text{mm Width})$ Series 74HC Logic TypeNAND GateNumber of Circuits 4 Number of Inputs 2 Features $-$ Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $5.2\text{mA}, 5.2\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $15\text{ns} \otimes 6\text{ V}, 50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface Mount	Manufacturer Part Number	MM74HC00SJ
PackageLogic - Gates and InvertersPackage14-SOIC (0.209", 5.30mm Width)Series74HCLogic TypeNAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2µACurrent - Output High, Low5.2mA, 5.2mALogic Level - Low0.5 V ~ 1.8 VLogic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL15ns @ 6V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount	Manufacturer	Fairchild/ON Semiconductor
Package 14-SOIC (0.209", 5.30mm Width)Series 74HC Logic TypeNAND GateNumber of Circuits 4 Number of Inputs 2 Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 5.2mA , 5.2mA Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 15ns @ 6V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface Mount	Category	Integrated Circuits (ICs)
Series $74HC$ Logic TypeNAND GateNumber of Circuits 4 Number of Inputs 2 Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $5.2\text{mA}, 5.2\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 15ns @ 6V, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface Mount		Logic - Gates and Inverters
Logic Type NAND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 $V \sim 6$ V Current - Quiescent (Max) 2 μ A Current - Output High, Low 5.2 μ A Logic Level - Low 0.5 $V \sim 1.8$ V Logic Level - High 1.5 $V \sim 4.2$ V Max Propagation Delay @ V , Max CL 15 μ S @ 6 V , 50 μ F Operating Temperature -40°C ~ 85 °C Mounting Type Surface Mount	Package	14-SOIC (0.209", 5.30mm Width)
Number of Circuits4Number of Inputs2Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 5.2mA , 5.2mA Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 15ns @ 6V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface Mount	Series	74HC
Number of Inputs 2 Features - Voltage - Supply 2 $V \sim 6 V$ Current - Quiescent (Max) 2 μ A Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.5 $V \sim 1.8 V$ Logic Level - High 1.5 $V \sim 4.2 V$ Max Propagation Delay @ V , Max CL 15ns @ $6V$, $50pF$ Operating Temperature - 40° C $\sim 85^{\circ}$ C Mounting Type Surface Mount	Logic Type	NAND Gate
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Number of Circuits	4
Voltage - Supply $2\ V \sim 6\ V$ $Current - Quiescent (Max) \\ Current - Output High, Low \\ 5.2mA, 5.2mA \\ Logic Level - Low \\ 0.5\ V \sim 1.8\ V$ $Logic Level - High \\ 1.5\ V \sim 4.2\ V$ $Max\ Propagation\ Delay\ @\ V,\ Max\ CL \\ 15ns\ @\ 6V,\ 50pF \\ Operating\ Temperature \\ -40°C \sim 85°C \\ Mounting\ Type \\ Surface\ Mount$	Number of Inputs	2
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $5.2mA$, $5.2mA$ $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $15ns @ 6V$, $50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount	Features	-
Current - Output High, Low 5.2mA , 5.2mA Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 15ns @ 6V, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface Mount	Voltage - Supply	2 V ~ 6 V
Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 15ns @ 6V, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface Mount	Current - Quiescent (Max)	2μΑ
Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 15ns @ 6V, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface Mount	Current - Output High, Low	5.2mA, 5.2mA
Max Propagation Delay @ V, Max CL15ns @ 6V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount	Logic Level - Low	0.5 V ~ 1.8 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Logic Level - High	1.5 V ~ 4.2 V
Mounting Type Surface Mount	Max Propagation Delay @ V, Max CL	15ns @ 6V, 50pF
2.5.	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 14-SOP	Mounting Type	Surface Mount
**	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?

MM74HC00SJ 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.

MM74HC00SJ Payment Methods



















MM74HC00SJ Shipping Methods













If you have any question about MM74HC00SJ, please do not hesitate to contact us!

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