



NC7WP08K8X Information

www.nelsener.com

For Reference Only

Part Number NC7WP08K8X

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE AND 2CH 2-INP US8 **Package** 8-VFSOP (0.091", 2.30mm 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.









NC7WP08K8X Specifications

Manufacturer NC7WP08K8X Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 8-VFSOP (0.091", 2.30mm Width) Series 7WP Logic Type AND Gate Number of Circuits 2 Number of Inputs 2 Features - Voltage - Supply 0.9 V ~ 3.6 V Current - Quiescent (Max) 0.9μA Current - Output High, Low 2.6mA, 2.6mA Logic Level - Low 0.7 V ~ 0.9 V Logic Level - High 1.6 V ~ 2.1 V Max Propagation Delay @ V, Max CL 9.2ns @ 3.3V, 30pF Operating Temperature -40°C ~ 85°C Mayurting Time 1.9 Company Mayurt		
Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 8-VFSOP (0.091", 2.30mm Width) Series TWP Logic Type AND Gate Number of Circuits 2 Number of Inputs Features Voltage - Supply 0.9 V ~ 3.6 V Current - Quiescent (Max) 0.9 μ A Current - Output High, Low 2.6mA, 2.6mA Logic Level - Low 0.7 V ~ 0.9 V Logic Level - High Max Propagation Delay @ V, Max CL 0.2ns @ 3.3V, 30pF -40°C ~ 85°C	Manufacturer Part Number	NC7WP08K8X
$\begin{array}{c} Logic - Gates \ and \ Inverters \\ \\ Package \\ \\ 8-VFSOP \ (0.091", 2.30mm \ Width) \\ \\ Series \\ \\ 7WP \\ \\ Logic \ Type \\ \\ AND \ Gate \\ \\ Number of Circuits \\ \\ 2 \\ \\ Number of Inputs \\ \\ 2 \\ \\ Features \\ \\ Voltage - Supply \\ \\ Current - Quiescent \ (Max) \\ \\ Current - Quiescent \ (Max) \\ \\ Current - Output \ High, Low \\ \\ Logic \ Level - Low \\ \\ Logic \ Level - High \\ \\ Max \ Propagation \ Delay \ @V, \ Max \ CL \\ \\ Operating \ Temperature \\ \\ \end{array}$	Manufacturer	Fairchild/ON Semiconductor
Package8-VFSOP (0.091", 2.30mm Width)Series7WPLogic TypeAND GateNumber of Circuits2Number of Inputs2Features-Voltage - Supply0.9 V ~ 3.6 VCurrent - Quiescent (Max)0.9μACurrent - Output High, Low2.6mA, 2.6mALogic Level - Low0.7 V ~ 0.9 VLogic Level - High1.6 V ~ 2.1 VMax Propagation Delay @ V, Max CL9.2ns @ 3.3V, 30pFOperating Temperature-40°C ~ 85°C	Category	Integrated Circuits (ICs)
Series $7WP$ Logic TypeAND GateNumber of Circuits2Number of Inputs2Features-Voltage - Supply $0.9 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $0.9 \mu A$ Current - Output High, Low $2.6 mA$, $2.6 mA$ Logic Level - Low $0.7 \text{ V} \sim 0.9 \text{ V}$ Logic Level - High $1.6 \text{ V} \sim 2.1 \text{ V}$ Max Propagation Delay @ V, Max CL $9.2 \text{ns} \approx 3.3 \text{ V}$, 30pF Operating Temperature $-40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C}$		Logic - Gates and Inverters
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Package	8-VFSOP (0.091", 2.30mm Width)
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Series	7WP
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Logic Type	AND Gate
Features - Voltage - Supply 0.9 V ~ 3.6 V Current - Quiescent (Max) 0.9 μ A Current - Output High, Low 2.6mA, 2.6mA Logic Level - Low 0.7 V ~ 0.9 V Logic Level - High 1.6 V ~ 2.1 V Max Propagation Delay @ V, Max CL 9.2ns @ 3.3V, 30pF Operating Temperature -40°C ~ 85°C	Number of Circuits	2
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Number of Inputs	2
Current - Quiescent (Max) $0.9\mu A$ Current - Output High, Low $2.6mA, 2.6mA$ Logic Level - Low $0.7 \text{ V} \sim 0.9 \text{ V}$ Logic Level - High $1.6 \text{ V} \sim 2.1 \text{ V}$ Max Propagation Delay @ V, Max CL $9.2ns$ @ 3.3V , $30pF$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Features	-
Current - Output High, Low 2.6mA , 2.6mA Logic Level - Low $0.7 \text{ V} \sim 0.9 \text{ V}$ Logic Level - High $1.6 \text{ V} \sim 2.1 \text{ V}$ Max Propagation Delay @ V, Max CL 9.2ns @ 3.3V , 30pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Voltage - Supply	0.9 V ~ 3.6 V
Logic Level - Low $0.7 \text{ V} \sim 0.9 \text{ V}$ Logic Level - High $1.6 \text{ V} \sim 2.1 \text{ V}$ Max Propagation Delay @ V, Max CL $9.2 \text{ns} \ @ \ 3.3 \text{ V}, 30 \text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Current - Quiescent (Max)	0.9μΑ
Logic Level - High $1.6 \text{ V} \sim 2.1 \text{ V}$ Max Propagation Delay @ V, Max CL $9.2 \text{ns } @ 3.3 \text{V}, 30 \text{pF}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C}$	Current - Output High, Low	2.6mA, 2.6mA
Max Propagation Delay @ V, Max CL Operating Temperature 9.2ns @ 3.3V, 30pF -40°C ~ 85°C	Logic Level - Low	0.7 V ~ 0.9 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Logic Level - High	1.6 V ~ 2.1 V
	Max Propagation Delay @ V, Max CL	9.2ns @ 3.3V, 30pF
Mounting Type	Operating Temperature	-40°C ~ 85°C
Wounting Type Surface Mount	Mounting Type	Surface Mount
Supplier Device Package US8	Supplier Device Package	US8
Package / Case 8-VFSOP (0.091", 2.30mm Width)	Package / Case	8-VFSOP (0.091", 2.30mm Width)
Report errors?		Report errors?

NC7WP08K8X 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.

NC7WP08K8X Payment Methods



















NC7WP08K8X Shipping Methods













If you have any question about NC7WP08K8X, please do not hesitate to contact us!

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