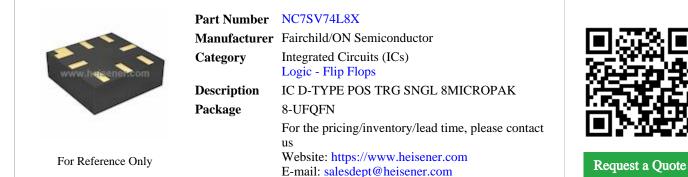


NC7SV74L8X

NC7SV74L8X Information



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.



NC7SV74L8X Specifications

Manufacturer Part NumberNC7SV74L8XManufacturerFairchild/ON SemiconductorCategoryIntegrated Circuits (ICs)CategoryLogic - Flip FlopsPackage8-UFQFNSeriesSet/QEFNSeriesSet/Pacet and ResetTypeD-TypeOutput TypeDifferentialNumber of Elements1Number of Bits per Element1Clock FrequencySet/Si Su		
CategoryIntegrated Circuits (ICs)CategoryLogic - Flip FlopsPackageSeUFQFNSeriesSVFunctionSet(Preset) and ResetTypeD-TypeOutput TypeDifferentialNumber of Elements1Number of Bits per Element1Clock Frequency200MHzMax Propagation Delay @ V, Max CLSens @ 3.3V, 30pFCurrent - Output High, Low0.9V ~ 3.6 VVoltage - Supply0.9U ~ 3.6 VCurrent Quiescent (Iq)900µAInput Capacitance2pFOperating TypeSens @ StrC(TA)Mounting TypeSurface Mount	Manufacturer Part Number	NC7SV74L8X
Logic - Flip FlopsPackage8-UFQFNSeries7SVFunctionSet(Preset) and ResetTypeD-TypeOutput TypeDifferentialNumber of Elements1Number of Bits per Element200MHzClock Frequency200MHzMax Propagation Delay @V, Max CL2.8ns @ 3.3V, 30pFTrigger TypePositive EdgeCurrent - Output High, Low900µAVoltage - Supply0.9 V ~ 3.6 VInput Capacitance2pFOperating Temperature40°C ~ 85°C (TA)Mounting TypeSurface Mount	Manufacturer	Fairchild/ON Semiconductor
Package8-UFQFNSeries7SVFunctionSet(Preset) and ResetTypeD-TypeOutput TypeDifferentialNumber of Elements1Number of Bits per Element1Clock Frequency200MHzMax Propagation Delay @V, Max CL2.8ns @ 3.3V, 30pFTrigger TypePositive EdgeCurrent - Output High, Low24mA, 24mAVoltage - Supply0.9 V ~ 3.6 VInput Capacitance2pFOperating Temperature40°C ~ 85°C (TA)Mounting TypeSurface Mount	Category	Integrated Circuits (ICs)
Series7SVFunctionSet(Preset) and ResetTypeD-TypeOutput TypeDifferentialNumber of Elements1Number of Bits per Element1Clock Frequency200MHzMax Propagation Delay @ V, Max CL2.8ns @ 3.3V, 30pFTrigger TypePositive EdgeCurrent - Output High, Low24mA, 24mAVoltage - Supply0.9 V ~ 3.6 VInput Capacitance200µAInput Capacitance2.9FOperating TemperatureSurface MountMounting TypeSurface Mount		Logic - Flip Flops
FunctionSet(Preset) and ResetTypeD-TypeOutput TypeDifferentialNumber of Elements1Number of Bits per Element200MHzClock Frequency200MHzMax Propagation Delay @ V, Max CLSass @ 3.3V, 30pFTrigger TypePositive EdgeCurrent - Output High, Low24mA, 24mAVoltage - Supply0.9V ~ 3.6 VFurger Current - Quiescent (Iq)200µAHupt Capacitance2pFOperating Type40°C ~ 85°C (TA)Mounting TypeSurface Mount	Package	8-UFQFN
TypeD-TypeOutput TypeDifferentialNumber of Elements1Number of Bits per Element1Clock Frequency200MHzMax Propagation Delay @ V, Max CL2.8ns @ 3.3V, 30pFTrigger TypePositive EdgeCurrent - Output High, Low24mA, 24mAVoltage - Supply0.9 V ~ 3.6 VCurrent - Quiescent (Iq)900µAInput Capacitance2pFOperating Temperature40°C ~ 85°C (TA)Mounting TypeSurface Mount	Series	7SV
Output TypeDifferentialNumber of Elements1Number of Bits per Element1Clock Frequency200MHzMax Propagation Delay @ V, Max CL2.8ns @ 3.3V, 30pFTrigger TypePositive EdgeCurrent - Output High, Low24mA, 24mAVoltage - Supply0.9 V ~ 3.6 VCurrent - Quiescent (Iq)900µAInput Capacitance2pFOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface Mount	Function	Set(Preset) and Reset
Number of Elements1Number of Bits per Element1Clock Frequency200MHzMax Propagation Delay @ V, Max CL2.8ns @ 3.3V, 30pFTrigger TypePositive EdgeCurrent - Output High, Low24mA, 24mAVoltage - Supply0.9 V ~ 3.6 VCurrent - Quiescent (Iq)900µAInput Capacitance2pFOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface Mount	Туре	D-Type
Number of Bits per Element1Number of Bits per Element200MHzClock Frequency2.8ns @ 3.3V, 30pFMax Propagation Delay @ V, Max CL2.8ns @ 3.3V, 30pFTrigger TypePositive EdgeCurrent - Output High, Low24mA, 24mAVoltage - Supply0.9 V ~ 3.6 VCurrent - Quiescent (Iq)900µAInput Capacitance2pFOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface Mount	Output Type	Differential
Clock Frequency 200MHz Max Propagation Delay @ V, Max CL 2.8ns @ 3.3V, 30pF Trigger Type Positive Edge Current - Output High, Low 24mA, 24mA Voltage - Supply 0.9 V ~ 3.6 V Current - Quiescent (Iq) 900µA Input Capacitance 2pF Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount	Number of Elements	1
Max Propagation Delay @ V, Max CL2.8ns @ 3.3V, 30pFTrigger TypePositive EdgeCurrent - Output High, Low24mA, 24mAVoltage - Supply0.9 V ~ 3.6 VCurrent - Quiescent (Iq)900µAInput Capacitance2pFOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface Mount	Number of Bits per Element	1
Trigger TypePositive EdgeCurrent - Output High, Low24mA, 24mAVoltage - Supply0.9 V ~ 3.6 VCurrent - Quiescent (Iq)900µAInput Capacitance2pFOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface Mount	Clock Frequency	200MHz
Current - Output High, Low24mA, 24mAVoltage - Supply0.9 V ~ 3.6 VCurrent - Quiescent (Iq)900µAInput Capacitance2pFOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface Mount	Max Propagation Delay @ V, Max CL	2.8ns @ 3.3V, 30pF
Voltage - Supply0.9 V ~ 3.6 VCurrent - Quiescent (Iq)900µAInput Capacitance2pFOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface Mount	Trigger Type	Positive Edge
Current - Quiescent (Iq)900μAInput Capacitance2pFOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface Mount	Current - Output High, Low	24mA, 24mA
Input Capacitance2pFOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface Mount	Voltage - Supply	0.9 V ~ 3.6 V
Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface Mount	Current - Quiescent (Iq)	900µА
Mounting Type Surface Mount	Input Capacitance	2pF
	Operating Temperature	-40°C ~ 85°C (TA)
Package / Case 8-UFQFN	Mounting Type	Surface Mount
	Package / Case	8-UFQFN
Report error		Report errors?

NC7SV74L8X 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

NC7SV74L8X Payment Methods





If you have any question about NC7SV74L8X, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com