



MC74VHC86DTR2 Information



For Reference Only

Part Number MC74VHC86DTR2

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE XOR 4CH 2-INP 14-TSSOP **Package** 14-TSSOP (0.173", 4.40mm 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.









MC74VHC86DTR2 Specifications

Manufacturer Part NumberMC74VHC86DTR2ManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage14-TSSOP (0.173", 4.40mm Width)Series74VHCLogic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL8.8ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOP		
Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-TSSOP (0.173", 4.40mm Width) Series 74VHC Logic Type XOR (Exclusive OR) Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) Current - Output High, Low 8mA, 8mA Logic Level - Low Logic Level - High Max Propagation Delay @ V, Max CL Operating Temperature -55°C ~ 125°C Mounting Type I-VITE Admin Width) Logic Level - Hound	Manufacturer Part Number	MC74VHC86DTR2
Logic - Gates and InvertersPackage14-TSSOP (0.173", 4.40mm Width)Series74VHCLogic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL8.8ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface Mount	Manufacturer	ON Semiconductor
Package14-TSSOP (0.173", 4.40mm Width)Series74VHCLogic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL8.8ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface Mount	Category	Integrated Circuits (ICs)
Series74VHCLogic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL8.8ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface Mount		Logic - Gates and Inverters
Logic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL8.8ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface Mount	Package	14-TSSOP (0.173", 4.40mm Width)
Number of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL8.8ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface Mount	Series	74VHC
Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL8.8ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface Mount	Logic Type	XOR (Exclusive OR)
Features-Voltage - Supply $2 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 8mA , 8mA Logic Level - Low 0.5V Logic Level - High 1.5V Max Propagation Delay @ V, Max CL 8.8ns @ 5V , 50pF Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface Mount	Number of Circuits	4
Voltage - Supply $2\ V \sim 5.5\ V$ $Current - Quiescent (Max) 2\mu A$ $Current - Output High, Low 8mA, 8mA$ $Logic Level - Low 0.5V$ $Logic Level - High 1.5V$ $Max Propagation Delay @ V, Max CL 8.8ns @ 5V, 50pF$ $Operating Temperature -55^{\circ}C \sim 125^{\circ}C$ $Mounting Type Surface Mount$	Number of Inputs	2
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $8mA$, $8mA$ Logic Level - Low $0.5V$ Logic Level - High $1.5V$ Max Propagation Delay @ V, Max CL $8.8ns @ 5V$, $50pF$ Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount	Features	-
Current - Output High, Low 8mA, 8mA Logic Level - Low 0.5V Logic Level - High 1.5V Max Propagation Delay @ V, Max CL 8.8ns @ 5V, 50pF Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount	Voltage - Supply	2 V ~ 5.5 V
Logic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL8.8ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface Mount	Current - Quiescent (Max)	2μΑ
Logic Level - High1.5VMax Propagation Delay @ V, Max CL8.8ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface Mount	Current - Output High, Low	8mA, 8mA
Max Propagation Delay @ V, Max CL8.8ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface Mount	Logic Level - Low	0.5V
Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount	Logic Level - High	1.5V
Mounting Type Surface Mount	Max Propagation Delay @ V, Max CL	8.8ns @ 5V, 50pF
	Operating Temperature	-55°C ~ 125°C
Supplier Device Package 14-TSSOP	Mounting Type	Surface Mount
	Supplier Device Package	14-TSSOP
Package / Case 14-TSSOP (0.173", 4.40mm Width)	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Report errors?		Report errors?

MC74VHC86DTR2 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.

MC74VHC86DTR2 Payment Methods



















MC74VHC86DTR2 Shipping Methods













If you have any question about MC74VHC86DTR2, please do not hesitate to contact us!

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