



### 74VHCT86AMTR Information



For Reference Only

Part Number 74VHCT86AMTR

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE XOR 4CH 2-INP 14-SO **Package** 14-SOIC (0.154", 3.90mm 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.









## **74VHCT86AMTR Specifications**

Manufacturer Part Number         74VHCT86AMTR           Manufacturer         STMicroelectronics           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-SOIC (0.154", 3.90mm Width)           Series         74VHCT           Logic Type         XOR (Exclusive OR)           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         8mA, 8mA           Logic Level - Low         0.8V           Logic Level - High         2V           Max Propagation Delay @ V, Max CL         8.5ns @ 5V, 50pF           Operating Temperature         -55°C ~ 125°C           Mounting Type         Surface Mount           Supplier Device Package         14-SO           Package / Case         14-SOIC (0.154", 3.90mm Width)		
CategoryIntegrated Circuits (ICs)Package14-SOIC (0.154", 3.90mm Width)Series74VHCTLogic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2µACurrent - Output High, Low8mA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL8.5ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOIPackage / Case14-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	74VHCT86AMTR
Logic - Gates and InvertersPackage14-SOIC (0.154", 3.90mm Width)Series74VHCTLogic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2µACurrent - Output High, Low8mA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL8.5ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)	Manufacturer	STMicroelectronics
Package       14-SOIC (0.154", 3.90mm Width)         Series       74VHCT         Logic Type       XOR (Exclusive OR)         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       8mA, 8mA         Logic Level - Low       0.8V         Logic Level - High       2V         Max Propagation Delay @ V, Max CL       8.5ns @ 5V, 50pF         Operating Temperature       -55°C ~ 125°C         Mounting Type       Surface Mount         Supplier Device Package       14-SO         Package / Case       14-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
Series74VHCTLogic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL8.5ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)		Logic - Gates and Inverters
Logic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL8.5ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits4Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL8.5ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)	Series	74VHCT
Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL8.5ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)	Logic Type	XOR (Exclusive OR)
Features  Voltage - Supply  4.5 V ~ 5.5 V  Current - Quiescent (Max)  Current - Output High, Low  8mA, 8mA  Logic Level - Low  0.8V  Logic Level - High  2V  Max Propagation Delay @ V, Max CL  Operating Temperature  -55°C ~ 125°C  Mounting Type  Surface Mount  Supplier Device Package  Package / Case	Number of Circuits	4
Voltage - Supply 4.5 V ~ 5.5 V   Current - Quiescent (Max) 2 $\mu$ A   Current - Output High, Low 8mA, 8mA   Logic Level - Low 0.8V   Logic Level - High 2V   Max Propagation Delay @ V, Max CL 8.5ns @ 5V, 50pF   Operating Temperature -55°C ~ 125°C   Mounting Type Surface Mount   Supplier Device Package 14-SO   Package / Case 14-SOIC (0.154", 3.90mm Width)	Number of Inputs	2
Current - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL8.5ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)	Features	-
Current - Output High, Low  8mA, 8mA  Logic Level - Low  0.8V  Logic Level - High  2V  Max Propagation Delay @ V, Max CL  8.5ns @ 5V, 50pF  Operating Temperature  -55°C ~ 125°C  Mounting Type  Surface Mount  Supplier Device Package  14-SO  Package / Case  14-SOIC (0.154", 3.90mm Width)	Voltage - Supply	4.5 V ~ 5.5 V
Logic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL8.5ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)	Current - Quiescent (Max)	2μΑ
Logic Level - High 2V  Max Propagation Delay @ V, Max CL 8.5ns @ 5V, 50pF  Operating Temperature -55°C ~ 125°C  Mounting Type Surface Mount  Supplier Device Package 14-SO  Package / Case 14-SOIC (0.154", 3.90mm Width)	Current - Output High, Low	8mA, 8mA
Max Propagation Delay @ V, Max CL8.5ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)	Logic Level - Low	0.8V
Operating Temperature  -55°C ~ 125°C  Mounting Type  Surface Mount  Supplier Device Package  14-SO  Package / Case  14-SOIC (0.154", 3.90mm Width)	Logic Level - High	2V
Mounting Type Surface Mount  Supplier Device Package 14-SO  Package / Case 14-SOIC (0.154", 3.90mm Width)	Max Propagation Delay @ V, Max CL	8.5ns @ 5V, 50pF
Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Operating Temperature	-55°C ~ 125°C
Package / Case 14-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-SO
Report errors?	Package / Case	14-SOIC (0.154", 3.90mm Width)
		Report errors?

#### **74VHCT86AMTR 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.

### **74VHCT86AMTR Payment Methods**



















### **74VHCT86AMTR Shipping Methods**













If you have any question about 74VHCT86AMTR, please do not hesitate to contact us!

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