



#### **74AC02MTR Information**



For Reference Only

Part Number74AC02MTRManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)<br/>Logic - Gates and Inverters

**Description** IC GATE NOR 4CH 2-INP 14-SO **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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# **74AC02MTR Specifications**

Manufacturer Part Number $74AC02MTR$ ManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage $14-SOIC (0.154", 3.90mm Width)$ Series $74AC$ Logic TypeNOR 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 $24mA, 24mA$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $8ns @ 5V, 50pF$		
Category  Integrated Circuits (ICs)  Logic - Gates and Inverters  Package  14-SOIC (0.154", 3.90mm Width)  Series  74AC  Logic Type  NOR Gate  Number of Circuits  4  Number of Inputs  2  Features  - Voltage - Supply  2 V ~ 6 V  Current - Quiescent (Max)  Current - Output High, Low  24mA, 24mA  Logic Level - Low  Logic Level - High  Max Propagation Delay @ V, Max CL  Series  14-SOIC (0.154", 3.90mm Width)  2 V ~ 6 V  A  Current - Quiescent (Max)  2 U ~ 6 V  2 V ~ 6 V  2 V ~ 6 V  2 V ~ 6 V  2 V ~ 6 V  2 V ~ 8 V  2 V ~ 8 V  2 V ~ 8 V  2 V ~ 8 V  2 V ~ 8 V  2 V ~ 8 V  2 V ~ 8 V	Manufacturer Part Number	74AC02MTR
$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} & 14\text{-SOIC } (0.154", 3.90 \text{mm Width}) \\ \text{Series} & 74\text{AC} \\ \text{Logic Type} & \text{NOR Gate} \\ \text{Number of Circuits} & 4 \\ \text{Number of Inputs} & 2 \\ \text{Features} & - \\ \text{Voltage - Supply} & 2 \text{ V} \sim 6 \text{ V} \\ \text{Current - Quiescent } (\text{Max}) & 2 \\ \text{Current - Output High, Low} & 24\text{mA}, 24\text{mA} \\ \text{Logic Level - Low} & 0.9 \text{ V} \sim 1.65 \text{ V} \\ \text{Logic Level - High} & 2.1 \text{ V} \sim 3.85 \text{ V} \\ \text{Max Propagation Delay @ V, Max CL} & 8 \text{ns @ 5V, 50pF} \\ \end{array}$	Manufacturer	STMicroelectronics
Package14-SOIC (0.154", 3.90mm Width)Series74ACLogic TypeNOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2 $\mu$ ACurrent - Output High, Low24mA, 24mALogic Level - Low0.9 V ~ 1.65 VLogic Level - High2.1 V ~ 3.85 VMax Propagation Delay @ V, Max CL8ns @ 5V, 50pF	Category	Integrated Circuits (ICs)
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Logic TypeNOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $24\text{mA}$ , $24\text{mA}$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $8\text{ns} \otimes 5\text{V}$ , $50\text{pF}$	Package	14-SOIC (0.154", 3.90mm Width)
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Number of Inputs 2  Features -  Voltage - Supply 2 $V \sim 6 V$ Current - Quiescent (Max) 2 $\mu$ A  Current - Output High, Low 24 $\mu$ A, 24 $\mu$ A  Logic Level - Low 0.9 $V \sim 1.65 V$ Logic Level - High 2.1 $V \sim 3.85 V$ Max Propagation Delay @ V, Max CL 8 $\mu$ S @ 5 $V$ , 50 $\mu$ F	Logic Type	NOR Gate
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Number of Circuits	4
Voltage - Supply $2\ V \sim 6\ V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.9\ V \sim 1.65\ V$ Logic Level - High $2.1\ V \sim 3.85\ V$ Max Propagation Delay @ V, Max CL $8ns\ @ 5V, 50pF$	Number of Inputs	2
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA$ , $24mA$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $8ns \otimes 5V$ , $50pF$	Features	-
Current - Output High, Low $24\text{mA}$ , $24\text{mA}$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $8\text{ns}$ @ $5\text{V}$ , $50\text{pF}$	Voltage - Supply	2 V ~ 6 V
Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $8 \text{ns} \otimes 5 \text{V}, 50 \text{pF}$	Current - Quiescent (Max)	$2\mu A$
Logic Level - High  2.1 V ~ 3.85 V  Max Propagation Delay @ V, Max CL  8ns @ 5V, 50pF	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL 8ns @ 5V, 50pF	Logic Level - Low	0.9 V ~ 1.65 V
	Logic Level - High	2.1 V ~ 3.85 V
	Max Propagation Delay @ V, Max CL	8ns @ 5V, 50pF
Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Operating Temperature	-55°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Supplier Device Package 14-SO	Supplier Device Package	14-SO
Package / Case 14-SOIC (0.154", 3.90mm Width)	Package / Case	14-SOIC (0.154", 3.90mm Width)
Report errors?		Report errors?

#### 74AC02MTR 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.

# **74AC02MTR Payment Methods**





















### **74AC02MTR Shipping Methods**













If you have any question about 74AC02MTR, please do not hesitate to contact us!

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