



### **MM74HC86SJ Information**

Part Number MM74HC86SJ

Manufacturer Fairchild/ON Semiconductor Category

Integrated Circuits (ICs)

Logic - Gates and Inverters

**Description** IC GATE XOR 4CH 2-INP 14-SOIC Package 14-SOIC (0.209", 5.30mm Width)

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com

E-mail: salesdept@heisener.com



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### **Certified Quality**

For Reference Only

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.









# **MM74HC86SJ Specifications**

Manufacturer Part NumberMM74HC86SJManufacturerFairchild/ON SemiconductorCategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage $14\text{-SOIC }(0.209^n, 5.30 \text{mm Width})$ Series $74\text{HC}$ Logic TypeXOR (Exclusive OR)Number 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 $5.2 \text{mA}, 5.2 \text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $20 \text{ns}$ @ 6V, $50 \text{pF}$		
Category Integrated Circuits (ICs)  Logic - Gates and Inverters  Package 14-SOIC (0.209", 5.30mm Width)  Series 74HC  Logic Type XOR (Exclusive OR)  Number of Circuits 4  Number of Inputs 2  Features - Voltage - Supply 2 $V \sim 6$ $V$ Current - Quiescent (Max) 2 $V \sim 6$ $V$ Current - Output High, Low 5.2mA, 5.2mA  Logic Level - Low 0.5 $V \sim 1.8$ $V$ Logic Level - High 1.5 $V \sim 4.2$ $V$	Manufacturer Part Number	MM74HC86SJ
$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} & 14\text{-SOIC } (0.209\text{"}, 5.30\text{mm Width}) \\ \text{Series} & 74\text{HC} \\ \text{Logic Type} & \text{XOR } (\text{Exclusive OR}) \\ \text{Number of Circuits} & 4 \\ \text{Number of Inputs} & 2 \\ \text{Features} & - \\ \text{Voltage - Supply} & 2 \text{ V} \sim 6 \text{ V} \\ \text{Current - Quiescent } (\text{Max}) & 2 \mu \text{A} \\ \text{Current - Output High, Low} & 5.2 \text{mA}, 5.2 \text{mA} \\ \text{Logic Level - Low} & 0.5 \text{ V} \sim 1.8 \text{ V} \\ \text{Logic Level - High} & 1.5 \text{ V} \sim 4.2 \text{ V} \\ \end{array}$	Manufacturer	Fairchild/ON Semiconductor
Package14-SOIC (0.209", 5.30mm Width)Series74HCLogic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2 $\mu$ ACurrent - Output High, Low5.2mA, 5.2mALogic Level - Low0.5 V ~ 1.8 VLogic Level - High1.5 V ~ 4.2 V	Category	Integrated Circuits (ICs)
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		Logic - Gates and Inverters
Logic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $5.2\text{mA}, 5.2\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$	Package	14-SOIC (0.209", 5.30mm Width)
Number of Circuits4Number of Inputs2Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $5.2\text{mA}, 5.2\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$	Series	74HC
Number of Inputs2Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $5.2\text{mA}, 5.2\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$	Logic Type	XOR (Exclusive OR)
Features - Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $5.2\text{mA}$ , $5.2\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$	Number of Circuits	4
Voltage - Supply $2\ V \sim 6\ V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $5.2mA, 5.2mA$ Logic Level - Low $0.5\ V \sim 1.8\ V$ Logic Level - High $1.5\ V \sim 4.2\ V$	Number of Inputs	2
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $5.2mA$ , $5.2mA$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$	Features	-
Current - Output High, Low $5.2 \text{mA}$ , $5.2 \text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$	Voltage - Supply	2 V ~ 6 V
Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$	Current - Quiescent (Max)	$2\mu A$
Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$	Current - Output High, Low	5.2mA, 5.2mA
	Logic Level - Low	0.5 V ~ 1.8 V
Max Propagation Delay @ V, Max CL 20ns @ 6V, 50pF	Logic Level - High	1.5 V ~ 4.2 V
	Max Propagation Delay @ V, Max CL	20ns @ 6V, 50pF
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Supplier Device Package 14-SOIC	Supplier Device Package	14-SOIC
Package / Case 14-SOIC (0.209", 5.30mm Width)	Package / Case	14-SOIC (0.209", 5.30mm Width)
Report errors?		Report errors?

#### **MM74HC86SJ 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.

### **MM74HC86SJ Payment Methods**



















## **MM74HC86SJ Shipping Methods**













If you have any question about MM74HC86SJ, please do not hesitate to contact us!

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