

### 74VCX08M Information



For Reference Only

Part Number 74VCX08M

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE AND 4CH 2-INP 14SOIC **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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## **74VCX08M Specifications**

Manufacturer Part Number $74VCX08M$ ManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage $14\text{-SOIC } (0.154", 3.90 \text{mm Width})$ Series $74VCX$ Logic TypeAND GateNumber of Circuits $4$ Number of Inputs $2$ Features-Voltage - Supply $1.2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $20\mu\text{A}$ Current - Output High, Low $24\text{mA}, 24\text{mA}$ Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.6 \text{ V} \sim 2 \text{ V}$		
Category Integrated Circuits (ICs)  Logic - Gates and Inverters  Package 14-SOIC ( $0.154$ ", $3.90$ mm Width)  Series 74VCX  Logic Type AND Gate  Number of Circuits 4  Number of Inputs 2  Features -  Voltage - Supply 1.2 V ~ $3.6$ V  Current - Quiescent (Max) 20 $\mu$ A  Current - Output High, Low 24mA, $24$ mA  Logic Level - Low 0.7 V ~ $0.8$ V	Manufacturer Part Number	74VCX08M
$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} & 14\text{-SOIC } (0.154", 3.90 \text{mm Width}) \\ \text{Series} & 74\text{VCX} \\ \text{Logic Type} & \text{AND Gate} \\ \text{Number of Circuits} & 4 \\ \text{Number of Inputs} & 2 \\ \text{Features} & - \\ \text{Voltage - Supply} & 1.2\text{ V} \sim 3.6\text{ V} \\ \text{Current - Quiescent } (\text{Max}) & 20 \mu \text{A} \\ \text{Current - Output High, Low} & 24 \text{mA}, 24 \text{mA} \\ \text{Logic Level - Low} & 0.7\text{ V} \sim 0.8\text{ V} \\ \end{array}$	Manufacturer	ON Semiconductor
Package14-SOIC (0.154", 3.90mm Width)Series $74VCX$ Logic TypeAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply $1.2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $20\mu\text{A}$ Current - Output High, Low $24\text{mA}$ , $24\text{mA}$ Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$	Category	Integrated Circuits (ICs)
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Number of Inputs 2  Features -  Voltage - Supply 1.2 V ~ 3.6 V  Current - Quiescent (Max) 20 $\mu$ A  Current - Output High, Low 24 $\mu$ A, 24 $\mu$ A  Logic Level - Low 0.7 V ~ 0.8 V	Logic Type	AND Gate
Features - Voltage - Supply 1.2 V $\sim$ 3.6 V Current - Quiescent (Max) 20 $\mu$ A Current - Output High, Low 24mA, 24mA Logic Level - Low 0.7 V $\sim$ 0.8 V	Number of Circuits	4
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Current - Quiescent (Max) $20\mu A$ Current - Output High, Low $24mA$ , $24mA$ Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$	Features	-
Current - Output High, Low $24\text{mA}$ , $24\text{mA}$ Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$	Voltage - Supply	1.2 V ~ 3.6 V
Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$	Current - Quiescent (Max)	20μΑ
	Current - Output High, Low	24mA, 24mA
Logic Level - High 1.6 V ~ 2 V	Logic Level - Low	0.7 V ~ 0.8 V
	Logic Level - High	1.6 V ~ 2 V
Max Propagation Delay @ V, Max CL 2.8ns @ 3.3V, 30pF	Max Propagation Delay @ V, Max CL	2.8ns @ 3.3V, 30pF
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 (0.154", 3.90mm Width)	Package / Case	14-SOIC (0.154", 3.90mm Width)
Report errors?		Report errors?

#### 74VCX08M 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.

### 74VCX08M Payment Methods





















### 74VCX08M Shipping Methods













If you have any question about 74VCX08M, please do not hesitate to contact us!

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