

# MC74LCX32MELG

#### MC74LCX32MELG Information



For Reference Only

Part Number MC74LCX32MELG

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

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

For the pricing/inventory/lead time, please contact

us

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



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### **Certified Quality**

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# MC74LCX32MELG Specifications

Manufacturer Part Number         MC74LCX32MELG           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-SOIC (0.209", 5.30mm Width)           Series         74LCX           Logic Type         OR Gate           Number of Circuits         4           Number of Inputs         2           Features         -           Voltage - Supply         2 V ~ 3.6 V           Current - Quiescent (Max)         10μA           Current - Output High, Low         24mA, 24mA           Logic Level - Low         0.7 V ~ 0.8 V           Logic Level - High         1.7 V ~ 2 V           Max Propagation Delay @ V, Max CL         5.5ns @ 3.3V, 50pF           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Supplier Device Package         SOEIAJ-14           Package / Case         14-SOIC (0.209", 5.30mm Width)		
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PackageLogic - Gates and InvertersPackage $14\text{-SOIC}$ (0.209", 5.30mm Width)Series $74\text{LCX}$ Logic TypeOR GateNumber of Circuits $4$ Number of Inputs $2$ Features-Voltage - Supply $2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $10\mu\text{A}$ 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 $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $5.5\text{ns}$ @ $3.3\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $50\text{EIAJ-}14$	Manufacturer	ON Semiconductor
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Features $ \begin{array}{c} - \\ \text{Voltage - Supply} \\ \text{Current - Quiescent (Max)} \\ \text{Current - Output High, Low} \\ \text{Logic Level - Low} \\ \text{Logic Level - High} \\ \text{Max Propagation Delay @ V, Max CL} \\ \text{Operating Temperature} \\ \text{Mounting Type} \\ \text{Supplier Device Package} \\ \\ \begin{array}{c} - \\ 2 \text{ V} \sim 3.6 \text{ V} \\ 10 \mu \text{A} \\ 24 \text{mA} \\ 24 \text{mA} \\ 0.7 \text{ V} \sim 0.8 \text{ V} \\ 0.7 \text{ V} \sim 0.8 \text{ V} \\ 1.7 \text{ V} \sim 2 \text{ V} \\ 5.5 \text{ns @ } 3.3 \text{ V}, 50 \text{pF} \\ -40^{\circ} \text{C} \sim 85^{\circ} \text{C} \\ \text{Mounting Type} \\ \text{Surface Mount} \\ \text{SOEIAJ-14} \\ \end{array} $	Number of Circuits	4
Voltage - Supply $2\ V \sim 3.6\ V$ Current - Quiescent (Max) $10\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.7\ V \sim 0.8\ V$ Logic Level - High $1.7\ V \sim 2\ V$ Max Propagation Delay @ V, Max CL $5.5ns \ @ 3.3V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface \ Mount$ Supplier Device Package	Number of Inputs	2
Current - Quiescent (Max) $10\mu A$ $24mA, 24mA$ $24mA, 24mA$ $0.7 \text{ V} \sim 0.8 \text{ V}$ $1.7 \text{ V} \sim 2 \text{ V}$ $1.$	Features	-
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 $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $5.5\text{ns}$ @ $3.3\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device PackageSOEIAJ-14	Voltage - Supply	2 V ~ 3.6 V
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Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Supplier Device Package SOEIAJ-14	Logic Level - High	1.7 V ~ 2 V
Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Max Propagation Delay @ V, Max CL	5.5ns @ 3.3V, 50pF
Supplier Device Package SOEIAJ-14	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Package / Case 14-SOIC (0.209", 5.30mm Width)	Supplier Device Package	SOEIAJ-14
	Package / Case	14-SOIC (0.209", 5.30mm Width)
Report errors?		Report errors?

### **MC74LCX32MELG 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.

### MC74LCX32MELG Payment Methods



















## MC74LCX32MELG Shipping Methods













If you have any question about MC74LCX32MELG, please do not hesitate to contact us!

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