



MC74AC05MELG Information



For Reference Only

Part Number MC74AC05MELG

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC INVERTER HEX OPN DRN 14SOEIAJ

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



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.









MC74AC05MELG Specifications

Manufacturer Part NumberMC74AC05MELGManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage14-SOIC (0.209", 5.30mm Width)Series74ACLogic TypeInverterNumber of Circuits6Number of Inputs6FeaturesOpen DrainVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)4µACurrent - Output High, Low-, 24mALogic Level - Low0.9 V ~ 1.65 VLogic Level - High2.1 V ~ 3.85 VMax Propagation Delay @ V, Max CL6ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device PackageSOEIAJ-14		
Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.209", 5.30mm Width) Series 74AC Logic Type Inverter Number of Circuits 6 Number of Inputs 6 Features Open Drain Voltage - Supply 2 V ~ 6 V Current - Quiescent (Max) 4μA Current - Output High, Low -, 24mA Logic Level - Low 0.9 V ~ 1.65 V Logic Level - High 2.1 V ~ 3.85 V Max Propagation Delay @ V, Max CL 6ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Manufacturer Part Number	MC74AC05MELG
PackageLogic - Gates and InvertersPackage 14-SOIC ($0.209^{\circ\prime\prime}$, 5.30mm Width)Series 74AC Logic TypeInverterNumber of Circuits 6 Number of Inputs 6 FeaturesOpen DrainVoltage - Supply $2\text{ V} \sim 6\text{ V}$ Current - Quiescent (Max) $4\mu\text{A}$ Current - Output High, Low $-, 24\text{mA}$ 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 6ns @ 5V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $50\text{EIAJ-}14$	Manufacturer	ON Semiconductor
Package14-SOIC (0.209", 5.30mm Width)Series74ACLogic TypeInverterNumber of Circuits6Number of Inputs6FeaturesOpen DrainVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)4μACurrent - Output High, Low-, 24mALogic Level - Low0.9 V ~ 1.65 VLogic Level - High2.1 V ~ 3.85 VMax Propagation Delay @ V, Max CL6ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device PackageSOEIAJ-14	Category	Integrated Circuits (ICs)
Series $74AC$ Logic TypeInverterNumber of Circuits6Number of Inputs6FeaturesOpen DrainVoltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $4\mu A$ Current - Output High, Low $-$, 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 $6\text{ns} @ 5\text{V}$, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device PackageSOEIAJ-14		Logic - Gates and Inverters
Logic TypeInverterNumber of Circuits6Number of Inputs6FeaturesOpen DrainVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)4μACurrent - Output High, Low-, 24mALogic Level - Low0.9 V ~ 1.65 VLogic Level - High2.1 V ~ 3.85 VMax Propagation Delay @ V, Max CL6ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device PackageSOEIAJ-14	Package	14-SOIC (0.209", 5.30mm Width)
Number of Circuits6Number of Inputs6FeaturesOpen DrainVoltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $4\mu\text{A}$ Current - Output High, Low $-, 24\text{mA}$ 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 6ns @ 5V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device PackageSOEIAJ-14	Series	74AC
Number of Inputs 6 Features Open Drain Voltage - Supply 2 $V \sim 6 V$ Current - Quiescent (Max) 4 μ A Current - Output High, Low -, 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 6ns @ $5V$, $50pF$ Operating Temperature -40°C $\sim 85^{\circ}$ C Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Logic Type	Inverter
Features Open Drain Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $4\mu\text{A}$ Current - Output High, Low $-$, 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 $6\text{ns} \otimes 5\text{V}$, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Number of Circuits	6
Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $4\mu\text{A}$ Current - Output High, Low $-$, 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 6ns @ 5V, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Number of Inputs	6
Current - Quiescent (Max) $4\mu A$ Current - Output High, Low -, 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 $6ns @ 5V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Features	Open Drain
Current - Output High, Low -, 24mA Logic Level - Low 0.9 V ~ 1.65 V Logic Level - High 2.1 V ~ 3.85 V Max Propagation Delay @ V, Max CL 6ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Voltage - Supply	2 V ~ 6 V
Logic Level - Low0.9 V ~ 1.65 VLogic Level - High2.1 V ~ 3.85 VMax Propagation Delay @ V, Max CL6ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device PackageSOEIAJ-14	Current - Quiescent (Max)	$4\mu A$
Logic Level - High 2.1 V ~ 3.85 V Max Propagation Delay @ V, Max CL 6ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Current - Output High, Low	-, 24mA
Max Propagation Delay @ V, Max CL Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Logic Level - Low	0.9 V ~ 1.65 V
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Logic Level - High	2.1 V ~ 3.85 V
Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Max Propagation Delay @ V, Max CL	6ns @ 5V, 50pF
Supplier Device Package SOEIAJ-14	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
	Supplier Device Package	SOEIAJ-14
Package / Case 14-SOIC (0.209", 5.30mm Width)	Package / Case	14-SOIC (0.209", 5.30mm Width)
Report errors?		Report errors?

MC74AC05MELG 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.

MC74AC05MELG Payment Methods



















MC74AC05MELG Shipping Methods













If you have any question about MC74AC05MELG, please do not hesitate to contact us!

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