



#### **MC14049BFELG Information**



For Reference Only

Part Number MC14049BFELG

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC INVERTER HEX 1-INPUT 16SOEIAJ

**Package** 16-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.









## **MC14049BFELG Specifications**

Manufacturer         MC14049BFELG           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         16-SOIC (0.209", 5.30mm Width)           Series         4000B           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         -           Voltage - Supply         3 V ~ 18 V           Current - Quiescent (Max)         4μA           Current - Output High, Low         10mA, 40mA           Logic Level - Low         1.5 V ~ 4 V           Logic Level - High         3.5 V ~ 11 V           Max Propagation Delay @ V, Max CL         60ns @ 15V, 50pF           Operating Temperature         -55°C ~ 125°C           Mounting Type         Surface Mount           Supplier Device Package         16-SOEIAJ           Package / Case         16-SOIC (0.209", 5.30mm Width)		
Category         Integrated Circuits (ICs)           Package         16-SOIC (0.209", 5.30mm Width)           Series         4000B           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         -           Voltage - Supply         3 V ~ 18 V           Current - Quiescent (Max)         4μA           Current - Output High, Low         10mA, 40mA           Logic Level - Low         1.5 V ~ 4 V           Logic Level - High         3.5 V ~ 11 V           Max Propagation Delay @ V, Max CL         60ns @ 15V, 50pF           Operating Temperature         -55°C ~ 125°C           Mounting Type         Surface Mount           Supplier Device Package         16-SOEIAJ           Package / Case         16-SOIC (0.209", 5.30mm Width)	Manufacturer Part Number	MC14049BFELG
Package         Logic - Gates and Inverters           Package         16-SOIC (0.209", 5.30mm Width)           Series         4000B           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         -           Voltage - Supply         3 V ~ 18 V           Current - Quiescent (Max)         4μA           Current - Output High, Low         10mA, 40mA           Logic Level - Low         1.5 V ~ 4 V           Logic Level - High         3.5 V ~ 11 V           Max Propagation Delay @ V, Max CL         60ns @ 15V, 50pF           Operating Temperature         -55°C ~ 125°C           Mounting Type         Surface Mount           Supplier Device Package         16-SOELAJ           Package / Case         16-SOIC (0.209", 5.30mm Width)	Manufacturer	ON Semiconductor
Package       16-SOIC (0.209", 5.30mm Width)         Series       4000B         Logic Type       Inverter         Number of Circuits       6         Number of Inputs       6         Features       -         Voltage - Supply       3 V ~ 18 V         Current - Quiescent (Max)       4μA         Current - Output High, Low       10mA, 40mA         Logic Level - Low       1.5 V ~ 4 V         Logic Level - High       3.5 V ~ 11 V         Max Propagation Delay @ V, Max CL       60ns @ 15V, 50pF         Operating Temperature       -55°C ~ 125°C         Mounting Type       Surface Mount         Supplier Device Package       16-SOEIAJ         Package / Case       16-SOIC (0.209", 5.30mm Width)	Category	Integrated Circuits (ICs)
Series4000BLogic TypeInverterNumber of Circuits6Number of Inputs6Features-Voltage - Supply3 V ~ 18 VCurrent - Quiescent (Max)4μACurrent - Output High, Low10mA, 40mALogic Level - Low1.5 V ~ 4 VLogic Level - High3.5 V ~ 11 VMax Propagation Delay @ V, Max CL60ns @ 15 V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package16-SOEIAJPackage / Case16-SOIC (0.209", 5.30mm Width)		Logic - Gates and Inverters
Logic TypeInverterNumber of Circuits6Number of Inputs6Features-Voltage - Supply $3 \text{ V} \sim 18 \text{ V}$ Current - Quiescent (Max) $4\mu\text{A}$ Current - Output High, Low $10\text{mA}$ , $40\text{mA}$ Logic Level - Low $1.5 \text{ V} \sim 4 \text{ V}$ Logic Level - High $3.5 \text{ V} \sim 11 \text{ V}$ Max Propagation Delay @ V, Max CL $60\text{ns @ 15V}$ , $50\text{pF}$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $16\text{-SOEIAJ}$ Package / Case $16\text{-SOIC (0.209", 5.30mm Width)}$	Package	16-SOIC (0.209", 5.30mm Width)
Number of Circuits6Number of Inputs6Features-Voltage - Supply3 V ~ 18 VCurrent - Quiescent (Max)4μACurrent - Output High, Low10mA, 40mALogic Level - Low1.5 V ~ 4 VLogic Level - High3.5 V ~ 11 VMax Propagation Delay @ V, Max CL60ns @ 15V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package16-SOEIAJPackage / Case16-SOIC (0.209", 5.30mm Width)	Series	4000B
Number of Inputs6Features-Voltage - Supply3 V ~ 18 VCurrent - Quiescent (Max)4μACurrent - Output High, Low10mA, 40mALogic Level - Low1.5 V ~ 4 VLogic Level - High3.5 V ~ 11 VMax Propagation Delay @ V, Max CL60ns @ 15V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package16-SOEIAJPackage / Case16-SOIC (0.209", 5.30mm Width)	Logic Type	Inverter
Features-Voltage - Supply $3 \text{ V} \sim 18 \text{ V}$ Current - Quiescent (Max) $4\mu\text{A}$ Current - Output High, Low $10\text{mA}$ , $40\text{mA}$ Logic Level - Low $1.5 \text{ V} \sim 4 \text{ V}$ Logic Level - High $3.5 \text{ V} \sim 11 \text{ V}$ Max Propagation Delay @ V, Max CL $60\text{ns}$ @ $15\text{V}$ , $50\text{pF}$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $16\text{-SOEIAJ}$ Package / Case $16\text{-SOIC}$ ( $0.209^{\circ}$ , $5.30\text{mm}$ Width)	Number of Circuits	6
Voltage - Supply $3\ V \sim 18\ V$ Current - Quiescent (Max) $4\mu A$ Current - Output High, Low $10mA, 40mA$ Logic Level - Low $1.5\ V \sim 4\ V$ Logic Level - High $3.5\ V \sim 11\ V$ Max Propagation Delay @ V, Max CL $60ns\ @ 15V, 50pF$ Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$ Mounting Type $Surface\ Mount$ Supplier Device Package $16\text{-SOIC}\ (0.209'', 5.30mm\ Width)$	Number of Inputs	6
Current - Quiescent (Max) $4\mu A$ $10mA, 40mA$ $10mA, 40mA$ $1.5 \text{ V} \sim 4 \text{ V}$ $1.5 \text{ V} \sim 11 \text{ V}$ $10mA, 40mA$ $1.5 \text{ V} \sim 11 \text{ V}$ $10mA, 40mA$ $1.5 \text{ V} \sim 11 \text{ V}$ $1.5 \text$	Features	-
Current - Output High, Low  10mA, 40mA  Logic Level - Low  1.5 V ~ 4 V  Logic Level - High  3.5 V ~ 11 V  Max Propagation Delay @ V, Max CL  60ns @ 15V, 50pF  Operating Temperature  -55°C ~ 125°C  Mounting Type  Surface Mount  Supplier Device Package  16-SOEIAJ  Package / Case  16-SOIC (0.209", 5.30mm Width)	Voltage - Supply	3 V ~ 18 V
Logic Level - Low $1.5 \text{ V} \sim 4 \text{ V}$ Logic Level - High $3.5 \text{ V} \sim 11 \text{ V}$ Max Propagation Delay @ V, Max CL $60\text{ns}$ @ $15\text{V}$ , $50\text{pF}$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $16\text{-SOEIAJ}$ Package / Case $16\text{-SOIC}$ ( $0.209^{\circ}$ , $5.30\text{mm}$ Width)	Current - Quiescent (Max)	4μA
Logic Level - High3.5 V ~ 11 VMax Propagation Delay @ V, Max CL60ns @ 15V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package16-SOEIAJPackage / Case16-SOIC (0.209", 5.30mm Width)	Current - Output High, Low	10mA, 40mA
Max Propagation Delay @ V, Max CL60ns @ 15V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package16-SOEIAJPackage / Case16-SOIC (0.209", 5.30mm Width)	Logic Level - Low	1.5 V ~ 4 V
Operating Temperature  -55°C ~ 125°C  Mounting Type  Surface Mount  Supplier Device Package  16-SOEIAJ  Package / Case  16-SOIC (0.209", 5.30mm Width)	Logic Level - High	3.5 V ~ 11 V
Mounting Type Surface Mount  Supplier Device Package 16-SOEIAJ  Package / Case 16-SOIC (0.209", 5.30mm Width)	Max Propagation Delay @ V, Max CL	60ns @ 15V, 50pF
Supplier Device Package  16-SOEIAJ  Package / Case  16-SOIC (0.209", 5.30mm Width)	Operating Temperature	-55°C ~ 125°C
Package / Case 16-SOIC (0.209", 5.30mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	16-SOEIAJ
Report errors?	Package / Case	16-SOIC (0.209", 5.30mm Width)
		Report errors?

#### **MC14049BFELG 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.

### MC14049BFELG Payment Methods









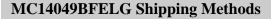
























If you have any question about MC14049BFELG, please do not hesitate to contact us!

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