

## SN74ALVC04DGVR

#### **SN74ALVC04DGVR Information**



For Reference Only

Part Number SN74ALVC04DGVR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC HEX INVERTER 14-TVSOP **Package** 14-TFSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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# **SN74ALVC04DGVR Specifications**

Manufacturer         SN74ALVC04DGVR           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters         Logic - Gates and Inverters           Package         14-TFSOP (0.173", 4.40mm Width)           Series         74ALVC           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         -           Voltage - Supply         1.65 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         2.8ns @ 3.3V, 50pF           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Supplier Device Package         14-TVSOP           Package / Case         14-TFSOP (0.173", 4.40mm Width)		
Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-TFSOP (0.173", 4.40mm Width)           Series         74ALVC           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         -           Voltage - Supply         1.65 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         2.8ns @ 3.3V, 50pF           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Supplier Device Package         14-TVSOP           Package / Case         14-TFSOP (0.173", 4.40mm Width)	Manufacturer Part Number	SN74ALVC04DGVR
Logic - Gates and InvertersPackage $14\text{-TFSOP}$ (0.173", $4.40\text{mm}$ Width)Series $74\text{ALVC}$ Logic TypeInverterNumber of Circuits $6$ Number of Inputs $6$ Features-Voltage - Supply $1.65 \text{ V} \sim 3.6 \text{ V}$ 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 $2.8\text{ns}$ @ $3.3\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TVSOP}$ Package / Case $14\text{-TVSOP}$	Manufacturer	Texas Instruments
Package       14-TFSOP (0.173", 4.40mm Width)         Series       74ALVC         Logic Type       Inverter         Number of Circuits       6         Number of Inputs       6         Features       -         Voltage - Supply       1.65 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       2.8ns @ 3.3V, 50pF         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Supplier Device Package       14-TVSOP         Package / Case       14-TFSOP (0.173", 4.40mm Width)	Category	Integrated Circuits (ICs)
Series $74ALVC$ Logic TypeInverterNumber of Circuits6Number of Inputs6Features-Voltage - Supply $1.65 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $10\mu A$ 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 $2.8\text{ns}$ @ $3.3\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TVSOP}$ Package / Case $14\text{-TFSOP}$ ( $0.173^{\circ}$ , $4.40\text{mm}$ Width)		Logic - Gates and Inverters
Logic TypeInverterNumber of Circuits6Number of Inputs6Features-Voltage - Supply $1.65 \text{ V} \sim 3.6 \text{ V}$ 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 $2.8\text{ns}$ @ $3.3\text{ V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TVSOP}$ Package / Case $14\text{-TFSOP}$ ( $0.173$ ", $4.40\text{mm}$ Width)	Package	14-TFSOP (0.173", 4.40mm Width)
Number of Circuits6Number of Inputs6Features-Voltage - Supply $1.65 \text{ V} \sim 3.6 \text{ V}$ 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 $2.8\text{ns} \oplus 3.3\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TVSOP}$ Package / Case $14\text{-TFSOP} (0.173", 4.40\text{mm Width})$	Series	74ALVC
Number of Inputs 6 Features - Voltage - Supply 1.65 V ~ 3.6 V Current - Quiescent (Max) 10 $\mu$ A 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 2.8ns @ 3.3V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-TVSOP Package / Case 14-TFSOP (0.173", 4.40mm Width)	Logic Type	Inverter
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{Surface Mount} \\ \text{Supplier Device Package} \\ \text{Package / Case} \\ \end{array} \begin{array}{c} - \\ 1.65 \text{ V} \sim 3.6 \text{ V} \\ 10\mu\text{A} \\ 24m\text{A}, 24m\text{A} \\ 24m\text{A}, 24m\text{A} \\ 0.7 \text{ V} \sim 0.8 \text{ V} \\ 0.7 \text{ V} \sim 0.8 \text{ V} \\ 0.7 \text{ V} \sim 0.8 \text{ V} \\ 0.7 \text{ V} \sim 2 \text{ V} \\ 0.8 \text{ Sins @ } 3.3 \text{ V}, 50 \text{pF} \\ 0.9 \text{ Constant of Mounting Type} \\ 0.9 \text{ Surface Mount} \\ 0.9 \text{ Constant of Mounting Type} \\ 0.9  Constant of Mount$	Number of Circuits	6
Voltage - Supply $1.65 \text{ V} \sim 3.6 \text{ V}$ $\text{Current - Quiescent (Max)}$ $10 \mu \text{A}$ $\text{Current - Output High, Low}$ $24 \text{mA, } 24 \text{mA}$ $\text{Logic Level - Low}$ $0.7 \text{ V} \sim 0.8 \text{ V}$ $\text{Logic Level - High}$ $1.7 \text{ V} \sim 2 \text{ V}$ $\text{Max Propagation Delay @ V, Max CL}$ $2.8 \text{ns @ } 3.3 \text{V, } 50 \text{pF}$ $\text{Operating Temperature}$ $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ $\text{Mounting Type}$ $\text{Surface Mount}$ $\text{Supplier Device Package}$ $14\text{-TVSOP}$ $\text{Package / Case}$ $14\text{-TFSOP (0.173", } 4.40 \text{mm Width)}$	Number of Inputs	6
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 $2.8ns @ 3.3V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface \ Mount$ Supplier Device Package $14-TVSOP$ Package / Case $14-TFSOP \ (0.173", 4.40mm \ Width)$	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 $2.8\text{ns } @ 3.3\text{V}, 50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type $\text{Surface Mount}$ Supplier Device Package $14\text{-TVSOP}$ Package / Case $14\text{-TFSOP } (0.173^{\circ}, 4.40\text{mm Width})$	Voltage - Supply	1.65 V ~ 3.6 V
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 $2.8 \text{ns} \otimes 3.3 \text{V}$ , $50 \text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TVSOP}$ Package / Case $14\text{-TFSOP} (0.173", 4.40 \text{mm Width})$	Current - Quiescent (Max)	10μΑ
Logic Level - High  1.7 V ~ 2 V  Max Propagation Delay @ V, Max CL  2.8ns @ 3.3V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-TVSOP  Package / Case  14-TFSOP (0.173", 4.40mm Width)	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL  2.8ns @ 3.3V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-TVSOP  Package / Case  14-TFSOP (0.173", 4.40mm Width)	Logic Level - Low	0.7 V ~ 0.8 V
Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-TVSOP  Package / Case  14-TFSOP (0.173", 4.40mm Width)	Logic Level - High	1.7 V ~ 2 V
Mounting Type Surface Mount Supplier Device Package 14-TVSOP Package / Case 14-TFSOP (0.173", 4.40mm Width)	Max Propagation Delay @ V, Max CL	2.8ns @ 3.3V, 50pF
Supplier Device Package 14-TVSOP Package / Case 14-TFSOP (0.173", 4.40mm Width)	Operating Temperature	-40°C ~ 85°C
Package / Case 14-TFSOP (0.173", 4.40mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-TVSOP
Report errors?	Package / Case	14-TFSOP (0.173", 4.40mm Width)
Report circles:		Report errors?

### **SN74ALVC04DGVR 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.

### **SN74ALVC04DGVR Payment Methods**



















### SN74ALVC04DGVR Shipping Methods













If you have any question about SN74ALVC04DGVR, please do not hesitate to contact us!

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