



SN74AC11DG4 Information



For Reference Only

Part Number SN74AC11DG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

DescriptionIC GATE AND 3CH 3-INP 14-SOIC**Package**14-SOIC (0.154", 3.90mm 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.









SN74AC11DG4 Specifications

| Manufacturer Part NumberSN74AC11DG4ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage $14\text{-SOIC } (0.154", 3.90 \text{mm Width})$ Series 74AC Logic TypeAND GateNumber of Circuits 3 Number of Inputs 3 Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 24mA , 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 $8\text{ns} \otimes 5\text{V}$, 50pF | | |
|---|-----------------------------------|--------------------------------|
| Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series 74AC Logic Type AND Gate Number of Circuits 3 Number of Inputs Features - Voltage - Supply 2 V ~ 6 V Current - Quiescent (Max) Current - Output High, Low Logic Level - Low Logic Level - High Max Propagation Delay @ V, Max CL Integrated Circuits (ICs) Logic - Gates and Inverters 74AC 4-SOIC (0.154", 3.90mm Width) 3 74AC 4-ND Gate 3 2 V ~ 6 V 2 V ~ 6 V 2 V ~ 6 V 2 V ~ 6 V 2 V ~ 6 V 2 V ~ 6 V 2 V ~ 6 V 2 V ~ 6 V 2 V ~ 6 V 2 V ~ 8 V 2 V ~ 8 V 2 V ~ 8 V 3 V ~ 1.65 V 4 V ~ 3.85 V 8 N & © 5V, 50pF | Manufacturer Part Number | SN74AC11DG4 |
| $\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} & 14\text{-SOIC } (0.154", 3.90 \text{mm Width}) \\ \text{Series} & 74\text{AC} \\ \text{Logic Type} & \text{AND Gate} \\ \text{Number of Circuits} & 3 \\ \text{Number of Inputs} & 3 \\ \text{Features} & - \\ \text{Voltage - Supply} & 2\text{V} \sim 6\text{V} \\ \text{Current - Quiescent } (\text{Max}) & 2\mu\text{A} \\ \text{Current - Output High, Low} & 24\text{mA}, 24\text{mA} \\ \text{Logic Level - Low} & 0.9\text{V} \sim 1.65\text{V} \\ \text{Logic Level - High} & 2.1\text{V} \sim 3.85\text{V} \\ \text{Max Propagation Delay @ V, Max CL} & 8ns @ 5\text{V}, 50pF} \\ \end{array}$ | Manufacturer | Texas Instruments |
| Package14-SOIC (0.154", 3.90mm Width)Series74ACLogic TypeAND GateNumber of Circuits3Number of Inputs3Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2μACurrent - Output High, Low24mA, 24mALogic Level - Low0.9 V ~ 1.65 VLogic Level - High2.1 V ~ 3.85 VMax Propagation Delay @ V, Max CL8ns @ 5V, 50pF | Category | Integrated Circuits (ICs) |
| Series $74AC$ Logic TypeAND GateNumber of Circuits3Number of Inputs3Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low 24mA , 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 8ns @ 5V , 50pF | | Logic - Gates and Inverters |
| Logic TypeAND GateNumber of Circuits3Number of Inputs3Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 24mA , 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 $8\text{ns} \otimes 5\text{V}$, 50pF | Package | 14-SOIC (0.154", 3.90mm Width) |
| Number of Circuits3Number of Inputs3Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 24mA , 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 $8\text{ns} \text{ @ 5V}$, 50pF | Series | 74AC |
| Number of Inputs3Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 24mA , 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 $8\text{ns} \otimes 5\text{V}$, 50pF | Logic Type | AND Gate |
| Features - Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 24mA , 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 $8\text{ns} \otimes 5\text{V}$, 50pF | Number of Circuits | 3 |
| Voltage - Supply $2\ V \sim 6\ V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA, 24mA$ 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 $8ns\ @ 5V, 50pF$ | Number of Inputs | 3 |
| Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA$, $24mA$ 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 $8ns \otimes 5V$, $50pF$ | Features | - |
| Current - Output High, Low 24mA , 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 8ns @ 5V , 50pF | Voltage - Supply | 2 V ~ 6 V |
| 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 $8 \text{ns } @ 5 \text{V}, 50 \text{pF}$ | Current - Quiescent (Max) | $2\mu A$ |
| Logic Level - High 2.1 V ~ 3.85 V Max Propagation Delay @ V, Max CL 8ns @ 5V, 50pF | Current - Output High, Low | 24mA, 24mA |
| Max Propagation Delay @ V, Max CL 8ns @ 5V, 50pF | Logic Level - Low | 0.9 V ~ 1.65 V |
| | Logic Level - High | 2.1 V ~ 3.85 V |
| Operating Temperature | Max Propagation Delay @ V, Max CL | 8ns @ 5V, 50pF |
| Operating Temperature -40 C ~ 63 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? |

SN74AC11DG4 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.

SN74AC11DG4 Payment Methods



















SN74AC11DG4 Shipping Methods













If you have any question about SN74AC11DG4, please do not hesitate to contact us!

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