



74AUP1G00SE-7 Information



For Reference Only

Part Number 74AUP1G00SE-7

Manufacturer Diodes Incorporated

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE NAND 1CH 2-INP SOT-353

Package 5-TSSOP, SC-70-5, SOT-353

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.









74AUP1G00SE-7 Specifications

Manufacturer 74AUPIGOOSE-7 Manufacturer Diodes Incorporated Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 5-TSSOP, SC-70-5, SOT-353 Series 74AUP Logic Type NAND Gate Number of Circuits 1 Number of Inputs 2 Features - Voltage - Supply 0.8 V ~ 3.6 V Current - Quiescent (Max) 0.5μA Current - Output High, Low 4mA, 4mA Logic Level - Low 0.7 V ~ 0.9 V Logic Level - High 1.6 V ~ 2 V Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V, 30pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package SOT-353 Package / Case 5-TSSOP, SC-70-5, SOT-353		
Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 5-TSSOP, SC-70-5, SOT-353 Series 74AUP Logic Type NAND Gate Number of Circuits 1 Number of Inputs 2 Features - Voltage - Supply 0.8 V ~ 3.6 V Current - Quiescent (Max) 0.5μA Current - Output High, Low 4mA, 4mA Logic Level - Low 0.7 V ~ 0.9 V Logic Level - High 1.6 V ~ 2 V Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V, 30pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package SOT-353 Package / Case 5-TSSOP, SC-70-5, SOT-353	Manufacturer Part Number	74AUP1G00SE-7
Logic - Gates and Inverters Package 5-TSSOP, SC-70-5, SOT-353 Series 74AUP Logic Type NAND Gate Number of Circuits 1 Number of Inputs 2 Features - Voltage - Supply 0.8 V ~ 3.6 V Current - Quiescent (Max) 0.5μA Current - Output High, Low 4mA, 4mA Logic Level - Low 0.7 V ~ 0.9 V Logic Level - High 1.6 V ~ 2 V Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V, 30pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package SOT-353 Package / Case 5-TSSOP, SC-70-5, SOT-353	Manufacturer	Diodes Incorporated
Package 5-TSSOP, SC-70-5, SOT-353 Series 74AUP Logic Type NAND Gate Number of Circuits 1 Number of Inputs 2 Features - Voltage - Supply 0.8 V ~ 3.6 V Current - Quiescent (Max) 0.5µA Current - Output High, Low 4mA, 4mA Logic Level - Low 0.7 V ~ 0.9 V Logic Level - High 1.6 V ~ 2 V Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V, 30pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package SOT-353 Package / Case 5-TSSOP, SC-70-5, SOT-353	Category	Integrated Circuits (ICs)
Series $74AUP$ Logic TypeNAND GateNumber of Circuits1Number of Inputs2Features-Voltage - Supply $0.8 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $0.5\mu\text{A}$ Current - Output High, Low 4mA , 4mA Logic Level - Low $0.7 \text{ V} \sim 0.9 \text{ V}$ Logic Level - High $1.6 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL 6.5ns @ 3.3 V , 30pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device PackageSOT-353Package / Case $5-\text{TSSOP}$, SC-70-5, SOT-353		Logic - Gates and Inverters
Logic Type NAND Gate Number of Circuits 1 Number of Inputs 2 Features - Voltage - Supply 0.8 V ~ 3.6 V Current - Quiescent (Max) 0.5μA Current - Output High, Low 4mA, 4mA Logic Level - Low 0.7 V ~ 0.9 V Logic Level - High 1.6 V ~ 2 V Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V, 30pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package SOT-353 Package / Case 5-TSSOP, SC-70-5, SOT-353	Package	5-TSSOP, SC-70-5, SOT-353
Number of Circuits1Number of Inputs2Features-Voltage - Supply $0.8 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $0.5\mu\text{A}$ Current - Output High, Low 4mA , 4mA Logic Level - Low $0.7 \text{ V} \sim 0.9 \text{ V}$ Logic Level - High $1.6 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V , 30pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device PackageSOT-353Package / Case $5-\text{TSSOP}$, SC-70-5, SOT-353	Series	74AUP
Number of Inputs 2 Features - Voltage - Supply 0.8 V ~ 3.6 V Current - Quiescent (Max) 0.5μA Current - Output High, Low 4mA, 4mA Logic Level - Low 0.7 V ~ 0.9 V Logic Level - High 1.6 V ~ 2 V Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V, 30pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package SOT-353 Package / Case 5-TSSOP, SC-70-5, SOT-353	Logic Type	NAND Gate
Features-Voltage - Supply $0.8 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $0.5\mu\text{A}$ Current - Output High, Low 4mA , 4mA Logic Level - Low $0.7 \text{ V} \sim 0.9 \text{ V}$ Logic Level - High $1.6 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V , 30pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device PackageSOT-353Package / Case $5-\text{TSSOP}$, SC-70-5, SOT-353	Number of Circuits	1
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Number of Inputs	2
Current - Quiescent (Max) $0.5\mu A$ Current - Output High, Low $4mA$, $4mA$ Logic Level - Low $0.7 \text{ V} \sim 0.9 \text{ V}$ Logic Level - High $1.6 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $6.5ns$ @ 3.3V , $30pF$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package $SOT-353$ Package / Case $5-TSSOP$, $SC-70-5$, $SOT-353$	Features	-
Current - Output High, Low 4mA, 4mA Logic Level - Low 0.7 V ~ 0.9 V Logic Level - High 1.6 V ~ 2 V Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V, 30pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package SOT-353 Package / Case 5-TSSOP, SC-70-5, SOT-353	Voltage - Supply	0.8 V ~ 3.6 V
Logic Level - Low $0.7 \text{ V} \sim 0.9 \text{ V}$ Logic Level - High $1.6 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL 6.5ns @ 3.3 V , 30pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device PackageSOT-353Package / Case $5-\text{TSSOP}$, SC-70-5, SOT-353	Current - Quiescent (Max)	0.5μΑ
Logic Level - High 1.6 V ~ 2 V Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V, 30pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package SOT-353 Package / Case 5-TSSOP, SC-70-5, SOT-353	Current - Output High, Low	4mA, 4mA
Max Propagation Delay @ V, Max CL6.5ns @ 3.3V, 30pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device PackageSOT-353Package / Case5-TSSOP, SC-70-5, SOT-353	Logic Level - Low	0.7 V ~ 0.9 V
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device PackageSOT-353Package / Case5-TSSOP, SC-70-5, SOT-353	Logic Level - High	1.6 V ~ 2 V
Mounting Type Surface Mount Supplier Device Package SOT-353 Package / Case 5-TSSOP, SC-70-5, SOT-353	Max Propagation Delay @ V, Max CL	6.5ns @ 3.3V, 30pF
Supplier Device Package SOT-353 Package / Case 5-TSSOP, SC-70-5, SOT-353	Operating Temperature	-40°C ~ 125°C
Package / Case 5-TSSOP, SC-70-5, SOT-353	Mounting Type	Surface Mount
	Supplier Device Package	SOT-353
Report errors?	Package / Case	5-TSSOP, SC-70-5, SOT-353
Report errors:		Report errors?

74AUP1G00SE-7 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.

74AUP1G00SE-7 Payment Methods



















74AUP1G00SE-7 Shipping Methods













If you have any question about 74AUP1G00SE-7, please do not hesitate to contact us!

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