



### 74AHCT1G08SE-7 Information



For Reference Only

Part Number 74AHCT1G08SE-7

Manufacturer Diodes Incorporated

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE AND 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



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## 74AHCT1G08SE-7 Specifications

Manufacturer Part Number       74AHCT1G08SE-7         Manufacturer       Diodes Incorporated         Category       Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       5-TSSOP, SC-70-5, SOT-353         Series       74AHCT         Logic Type       AND Gate         Number of Circuits       1         Number of Inputs       2         Features       -         Voltage - Supply       4.5 V ~ 5.5 V         Current - Quiescent (Max)       1μA         Current - Output High, Low       8mA, 8mA         Logic Level - Low       0.8V         Logic Level - High       2V         Max Propagation Delay @ V, Max CL       7.9ns @ 5V, 50pF         Operating Temperature       40°C x 125°C		
Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         5-TSSOP, SC-70-5, SOT-353           Series         74AHCT           Logic Type         AND Gate           Number of Circuits         1           Number of Inputs         2           Features         -           Voltage - Supply         4.5 V ~ 5.5 V           Current - Quiescent (Max)         1μA           Current - Output High, Low         8mA, 8mA           Logic Level - Low         0.8V           Logic Level - High         2V           Max Propagation Delay @ V, Max CL         7.9ns @ 5V, 50pF	Manufacturer Part Number	74AHCT1G08SE-7
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Logic TypeAND GateNumber of Circuits1Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)1μACurrent - Output High, Low8mA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL7.9ns @ 5V, 50pF	Package	5-TSSOP, SC-70-5, SOT-353
Number of Circuits1Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)1μACurrent - Output High, Low8mA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL7.9ns @ 5V, 50pF	Series	74AHCT
Number of Inputs2Features-Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $1\mu\text{A}$ Current - Output High, Low $8\text{mA}$ , $8\text{mA}$ Logic Level - Low $0.8\text{V}$ Logic Level - High $2\text{V}$ Max Propagation Delay @ V, Max CL $7.9\text{ns}$ @ $5\text{V}$ , $50\text{pF}$	Logic Type	AND Gate
Features-Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $1 \mu A$ Current - Output High, Low $8 mA, 8 mA$ Logic Level - Low $0.8 \text{ V}$ Logic Level - High $2 \text{ V}$ Max Propagation Delay @ V, Max CL $7.9 ns @ 5 \text{ V}, 50 pF$	Number of Circuits	1
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $1 \mu A$ Current - Output High, Low $8 \text{ mA}, 8 \text{ mA}$ Logic Level - Low $0.8 \text{ V}$ Logic Level - High $2 \text{ V}$ Max Propagation Delay @ V, Max CL $7.9 \text{ ns @ 5V, 50pF}$	Number of Inputs	2
Current - Quiescent (Max)1μACurrent - Output High, Low8mA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL7.9ns @ 5V, 50pF	Features	-
Current - Output High, Low 8mA, 8mA  Logic Level - Low 0.8V  Logic Level - High 2V  Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF	Voltage - Supply	4.5 V ~ 5.5 V
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Logic Level - High 2V Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF	Current - Output High, Low	8mA, 8mA
Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF	Logic Level - Low	0.8V
	Logic Level - High	2V
Operating Temperature 40°C - 125°C	Max Propagation Delay @ V, Max CL	7.9ns @ 5V, 50pF
Operating reinperature -40 C ~ 123 C	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Supplier Device Package SOT-353	Supplier Device Package	SOT-353
Package / Case 5-TSSOP, SC-70-5, SOT-353	Package / Case	5-TSSOP, SC-70-5, SOT-353
Report errors?		Report errors?

### 74AHCT1G08SE-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.

### 74AHCT1G08SE-7 Payment Methods



















## 74AHCT1G08SE-7 Shipping Methods













If you have any question about 74AHCT1G08SE-7, please do not hesitate to contact us!

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