



### 74VHC08N Information

For Reference Only

Part Number 74VHC08N

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE AND 4CH 2-INP 14DIP

**Package** 14-DIP (0.300", 7.62mm)

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.









# **74VHC08N Specifications**

Manufacturer Part Number       74VHC08N         Manufacturer       ON Semiconductor         Category       Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       14-DIP (0.300", 7.62mm)         Series       74VHC         Logic Type       AND Gate         Number of Circuits       4         Number of Inputs       2         Features       -         Voltage - Supply       2 V ~ 5.5 V         Current - Quiescent (Max)       2μA         Current - Output High, Low       8mA, 8mA         Logic Level - Low       0.5V
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Package14-DIP (0.300", 7.62mm)Series74VHCLogic TypeAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2 $\mu$ ACurrent - Output High, Low8mA, 8mALogic Level - Low0.5V
Series $74VHC$ Logic TypeAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply $2 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $8mA$ , $8mA$ Logic Level - Low $0.5\text{V}$
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Features - Voltage - Supply $2 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $8\text{mA}$ , $8\text{mA}$ Logic Level - Low $0.5\text{V}$
$Voltage - Supply \\ Current - Quiescent (Max) \\ Current - Output High, Low \\ Logic Level - Low \\ 2 V \sim 5.5 V \\ 2 \mu A \\ 8mA, 8mA \\ 0.5 V$
Current - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5V
Current - Output High, Low 8mA, 8mA Logic Level - Low 0.5V
Logic Level - Low 0.5V
Logic Level - High 1.5V
Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
Mounting Type Through Hole
Supplier Device Package 14-PDIP
Package / Case 14-DIP (0.300", 7.62mm)
Report errors

#### 74VHC08N 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.

# 74VHC08N Payment Methods



















### 74VHC08N Shipping Methods













If you have any question about 74VHC08N, please do not hesitate to contact us!

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