



SN74HC4040NS Information



For Reference Only

Part Number SN74HC4040NS

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Counters, Dividers

Description LOGIC GATES AND INVERTERS **Package** 16-SOIC (0.209", 5.30mm 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.









SN74HC4040NS Specifications

Manufacturer Part Number Manufacturer Texas Instruments Integrated Circuits (ICs) Logic - Counters, Dividers 16-SOIC (0.209", 5.30mm Width) Series 74HC Logic Type Binary Counter Up Number of Elements 1 Number of Bits per Element 12 Reset Asynchronous Timing Asynchronous Count Rate Trigger Type Negative Edge Voltage - Supply Operating Temperature Mounting Type Surface Mount Package (Case Integrated Circuits (ICs) Logic - Counters, Dividers Integrated Circuits (ICs) Logic - Counters, Dividers Integrated Circuits (ICs) Logic - Counters, Dividers 16-SOIC (0.209", 5.30mm Width)	•	
Category Integrated Circuits (ICs) Logic - Counters, Dividers Package 16-SOIC (0.209", 5.30mm Width) Series 74HC Logic Type Binary Counter Up Number of Elements 1 Number of Bits per Element 12 Reset Asynchronous Timing Asynchronous Count Rate 33MHz Trigger Type Negative Edge Voltage - Supply Operating Temperature 40°C ~ 85°C (TA) Mounting Type Surface Mount	Manufacturer Part Number	SN74HC4040NS
Logic - Counters, Dividers Package 16-SOIC (0.209", 5.30mm Width) Series 74HC Logic Type Binary Counter Up Number of Elements 1 Number of Bits per Element Reset Asynchronous Timing Asynchronous Count Rate 33MHz Trigger Type Negative Edge Voltage - Supply Operating Temperature Mounting Type Surface Mount	Manufacturer	Texas Instruments
Package 16-SOIC (0.209", 5.30mm Width) Series 74HC Logic Type Binary Counter Direction Up Number of Elements 1 Number of Bits per Element 12 Reset Asynchronous Timing Asynchronous Count Rate 33MHz Trigger Type Negative Edge Voltage - Supply 2V ~ 6V Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount	Category	Integrated Circuits (ICs)
Series 74HC Logic Type Binary Counter Direction Up Number of Elements 1 Number of Bits per Element 12 Reset Asynchronous Timing Asynchronous Count Rate 33MHz Trigger Type Negative Edge Voltage - Supply 2V ~ 6V Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount		Logic - Counters, Dividers
Logic TypeBinary CounterDirectionUpNumber of Elements1Number of Bits per Element12ResetAsynchronousTimingAsynchronousCount Rate33MHzTrigger TypeNegative EdgeVoltage - Supply2V ~ 6VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface Mount	Package	16-SOIC (0.209", 5.30mm Width)
DirectionUpNumber of Elements1Number of Bits per Element12ResetAsynchronousTimingAsynchronousCount Rate33MHzTrigger TypeNegative EdgeVoltage - Supply2V ~ 6VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface Mount	Series	74HC
Number of Elements 1 Number of Bits per Element 12 Reset Asynchronous Timing Asynchronous Count Rate 33MHz Trigger Type Negative Edge Voltage - Supply 2V ~ 6V Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount	Logic Type	Binary Counter
Number of Bits per Element12ResetAsynchronousTimingAsynchronousCount Rate33MHzTrigger TypeNegative EdgeVoltage - Supply2V ~ 6VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface Mount	Direction	Up
ResetAsynchronousTimingAsynchronousCount Rate $33MHz$ Trigger TypeNegative EdgeVoltage - Supply $2V \sim 6V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting TypeSurface Mount	Number of Elements	1
TimingAsynchronousCount Rate 33MHz Trigger TypeNegative EdgeVoltage - Supply $2\text{V} \sim 6\text{V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting TypeSurface Mount	Number of Bits per Element	12
Count Rate $33MHz$ Trigger TypeNegative EdgeVoltage - Supply $2V \sim 6V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting TypeSurface Mount	Reset	Asynchronous
Trigger Type Negative Edge Voltage - Supply $2V \sim 6V$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type Surface Mount	Timing	Asynchronous
Voltage - Supply $2V \sim 6V$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type Surface Mount	Count Rate	33MHz
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Mounting Type Surface Mount	Trigger Type	Negative Edge
Mounting Type Surface Mount	Voltage - Supply	2V ~ 6V
	Operating Temperature	-40°C ~ 85°C (TA)
Package / Case 16-SOIC (0.209" 5.30mm Width)	Mounting Type	Surface Mount
16 BOTE (0.20), 5.50mm Width)	Package / Case	16-SOIC (0.209", 5.30mm Width)
Supplier Device Package 16-SO	Supplier Device Package	16-SO
Report errors?		Report errors?

SN74HC4040NS 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.

SN74HC4040NS Payment Methods



















SN74HC4040NS Shipping Methods













If you have any question about SN74HC4040NS, please do not hesitate to contact us!

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