



SN74ALS161BN Information



For Reference Only

Part Number SN74ALS161BN

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Counters, Dividers

Description IC 4-BIT SYNC BIN COUNTER 16-DIP

Package 16-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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SN74ALS161BN Specifications

Manufacturer Part Number SN74ALS161BN Manufacturer Texas Instruments Category Integrated Circuits (ICs) Logic - Counters, Dividers Package 16-DIP (0.300", 7.62mm) Series 74ALS Logic Type Binary Counter Direction Up Number of Elements 1 Number of Bits per Element 4 Reset Asynchronous Timing Synchronous Count Rate 40MHz Trigger Type Positive Edge Voltage - Supply 4.5 V ~ 5.5 V Operating Temperature 0°C ~ 70°C Mounting Type Through Hole Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-PDIP	•	
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PackageLogic - Counters, DividersPackage16-DIP (0.300", 7.62mm)Series74ALSLogic TypeBinary CounterDirectionUpNumber of Elements1Number of Bits per Element4ResetAsynchronousTimingSynchronousCount Rate40MHzTrigger TypePositive EdgeVoltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PDIP	Manufacturer	Texas Instruments
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Series 74ALS Logic Type Binary Counter Direction Up Number of Elements 1 Number of Bits per Element 4 Reset Asynchronous Timing Synchronous Count Rate 40MHz Trigger Type Positive Edge Voltage - Supply 4.5 V ~ 5.5 V Operating Temperature 0°C ~ 70°C Mounting Type Through Hole Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-PDIP		Logic - Counters, Dividers
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DirectionUpNumber of Elements1Number of Bits per Element4ResetAsynchronousTimingSynchronousCount Rate40MHzTrigger TypePositive EdgeVoltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PDIP	Series	74ALS
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Number of Bits per Element4ResetAsynchronousTimingSynchronousCount Rate40MHzTrigger TypePositive EdgeVoltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PDIP	Direction	Up
Reset Asynchronous Synchronous Count Rate 40MHz Trigger Type Positive Edge Voltage - Supply 4.5 V ~ 5.5 V Operating Temperature 0°C ~ 70°C Mounting Type Through Hole Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package	Number of Elements	1
Timing Synchronous Count Rate 40MHz Trigger Type Positive Edge Voltage - Supply 4.5 V ~ 5.5 V Operating Temperature 0°C ~ 70°C Mounting Type Through Hole Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-PDIP	Number of Bits per Element	4
Count Rate 40MHz Trigger TypePositive EdgeVoltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting TypeThrough HolePackage / Case $16\text{-DIP} (0.300^{\circ}, 7.62 \text{mm})$ Supplier Device Package 16-PDIP	Reset	Asynchronous
Trigger TypePositive EdgeVoltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting TypeThrough HolePackage / Case $16\text{-DIP} (0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package 16-PDIP	Timing	Synchronous
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type Through Hole Package / Case $16\text{-DIP} (0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package 16-PDIP	Count Rate	40MHz
Operating Temperature 0°C ~ 70°C Mounting Type Through Hole Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-PDIP	Trigger Type	Positive Edge
Mounting Type Through Hole Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-PDIP	Voltage - Supply	4.5 V ~ 5.5 V
Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-PDIP	Operating Temperature	0°C ~ 70°C
Supplier Device Package 16-PDIP	Mounting Type	Through Hole
	Package / Case	16-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	16-PDIP
•		Report errors?

SN74ALS161BN 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.

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SN74ALS161BN Shipping Methods













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