



### **SN74ALS169BN Information**



For Reference Only

Part Number SN74ALS169BN

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Counters, Dividers

**Description** IC COUNTER BIN 4BIT U/D 16-DIP

**Package** 16-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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## **SN74ALS169BN Specifications**

Manufacturer Part NumberSN74ALS169BNManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Package16-DIP (0.300", 7.62mm)Series74ALSLogic TypeBinary CounterDirectionUp, DownNumber of Elements1Number of Bits per Element4Reset-TimingSynchronousCount Rate40MHzTrigger TypePositive EdgeVoltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PDIPReport errors?	•	
Category  Integrated Circuits (ICs)  Logic - Counters, Dividers  16-DIP (0.300", 7.62mm)  Series  74ALS  Logic Type  Binary Counter  Up, Down  Number of Elements  1  Number of Bits per Element  4  Reset  - Timing  Synchronous  Count Rate  40MHz  Trigger Type  Positive Edge  Voltage - Supply  Operating Temperature  Mounting Type  Through Hole  Package / Case  16-DIP (0.300", 7.62mm)  Supplier Device Package	Manufacturer Part Number	SN74ALS169BN
Logic - Counters, Dividers           Package         16-DIP (0.300", 7.62mm)           Series         74ALS           Logic Type         Binary Counter           Direction         Up, Down           Number of Elements         1           Number of Bits per Element         4           Reset         -           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	Manufacturer	Texas Instruments
Package 16-DIP (0.300", 7.62mm)  Series 74ALS  Logic Type Binary Counter  Direction Up, Down  Number of Elements 1  Number of Bits per Element 4  Reset -  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	Category	Integrated Circuits (ICs)
Series 74ALS  Logic Type Binary Counter  Direction Up, Down  Number of Elements 1  Number of Bits per Element 4  Reset -  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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Number of Elements       1         Number of Bits per Element       4         Reset       -         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 Type	Binary Counter
Number of Bits per Element4Reset-TimingSynchronousCount 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, Down
Reset - 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	Number of Elements	1
TimingSynchronousCount Rate $40 \text{MHz}$ 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 $16\text{-DIP} (0.300'', 7.62 \text{mm})$ Supplier Device Package $16\text{-PDIP}$	Number of Bits per Element	4
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	Reset	-
Trigger Type Positive Edge $Voltage - Supply & 4.5 \text{ V} \sim 5.5 \text{ V} \\ Operating Temperature & 0°C \sim 70°C \\ Mounting Type & Through Hole \\ Package / Case & 16-DIP (0.300", 7.62mm) \\ Supplier Device Package & 16-PDIP$	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	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?

### **SN74ALS169BN Guarantees**



### **Quality Guarantees**

We provide 90 days warranty. \*

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#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### **SN74ALS169BN Payment Methods**



















# **SN74ALS169BN Shipping Methods**













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