



SN74HC193DT Information

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For Reference Only

Part Number SN74HC193DT

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Counters, Dividers

Description IC COUNTER 4BIT SYNC U/D 16-SOIC

Package 16-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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SN74HC193DT Specifications

Manufacturer Part NumberSN74HC193DTManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Logic - Counters, DividersPackage16-SOIC (0.154", 3.90mm Width)Series74HCLogic TypeBinary CounterDirectionUp, DownNumber of Elements1Number of Bits per Element4ResetAsynchronousTimingSynchronousCount Rate24MHZTrigger TypePositive EdgeVoltage - Supply2 V ~ 6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	*	
Category Integrated Circuits (ICs) Logic - Counters, Dividers Package 16-SOIC (0.154", 3.90mm Width) Series 74HC Logic Type Binary Counter Direction Up, Down Number of Elements 1 Number of Bits per Element 4 Reset Asynchronous Timing Synchronous Count Rate 24MHZ Trigger Type Positive Edge Voltage - Supply 2 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Manufacturer Part Number	SN74HC193DT
PackageLogic - Counters, DividersPackage16-SOIC (0.154", 3.90mm Width)Series74HCLogic TypeBinary CounterDirectionUp, DownNumber of Elements1Number of Bits per Element4ResetAsynchronousTimingSynchronousCount Rate24MHZTrigger TypePositive EdgeVoltage - Supply2 V ~ 6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Manufacturer	Texas Instruments
Package 16-SOIC (0.154", 3.90mm Width) Series 74HC Logic Type Binary Counter Up, Down Number of Elements 1 Number of Bits per Element 4 Reset Asynchronous Timing Synchronous Count Rate 24MHZ Trigger Type Positive Edge Voltage - Supply 2 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Category	Integrated Circuits (ICs)
Series 74HC Logic Type Binary Counter Direction Up, Down Number of Elements 1 Number of Bits per Element 4 Reset Asynchronous Timing Synchronous Count Rate 24MHZ Trigger Type Positive Edge Voltage - Supply 2 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC		Logic - Counters, Dividers
Logic TypeBinary CounterDirectionUp, DownNumber of Elements1Number of Bits per Element4ResetAsynchronousTimingSynchronousCount Rate24MHZTrigger TypePositive EdgeVoltage - Supply2 V ~ 6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Package	16-SOIC (0.154", 3.90mm Width)
Direction Number of Elements 1 Number of Bits per Element Reset Asynchronous Timing Synchronous Count Rate 24MHZ Trigger Type Positive Edge Voltage - Supply Operating Temperature Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Series	74HC
Number of Elements 1 Number of Bits per Element 4 Reset Asynchronous Timing Synchronous Count Rate 24MHZ Trigger Type Positive Edge Voltage - Supply Operating Temperature Ao°C ~ 85°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Logic Type	Binary Counter
Number of Bits per Element4ResetAsynchronousTimingSynchronousCount Rate24MHZTrigger TypePositive EdgeVoltage - Supply2 V ~ 6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Direction	Up, Down
Reset Asynchronous Timing Synchronous Count Rate 24MHZ Trigger Type Positive Edge Voltage - Supply 2 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Number of Elements	1
Timing Synchronous Count Rate 24MHZ Trigger Type Positive Edge Voltage - Supply 2 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Number of Bits per Element	4
Count Rate $24MHZ$ Trigger Type Positive Edge Voltage - Supply $2 V \sim 6 V$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 16-SOIC $(0.154^{\circ}, 3.90 \text{mm Width})$ Supplier Device Package 16-SOIC	Reset	Asynchronous
Trigger TypePositive EdgeVoltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 16-SOIC (0.154", 3.90mm Width)Supplier Device Package 16-SOIC	Timing	Synchronous
Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 16-SOIC $(0.154^{\circ}, 3.90\text{mm Width})$ Supplier Device Package 16-SOIC	Count Rate	24MHZ
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Trigger Type	Positive Edge
Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Voltage - Supply	2 V ~ 6 V
Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 16-SOIC	Mounting Type	Surface Mount
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

SN74HC193DT 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.

SN74HC193DT Payment Methods





















SN74HC193DT Shipping Methods













If you have any question about SN74HC193DT, please do not hesitate to contact us!

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