

74HC123D

Monostable Multivibrator Dual-Element -40°C 125°C 16-Pin SO

Manufacturer:	Nexperia Semiconductor (NXP)
Package/Case:	SOP16
Product Type:	Logic ICs
RoHS:	RoHS Compliant/Lead free RoHS
Lifecycle:	Active



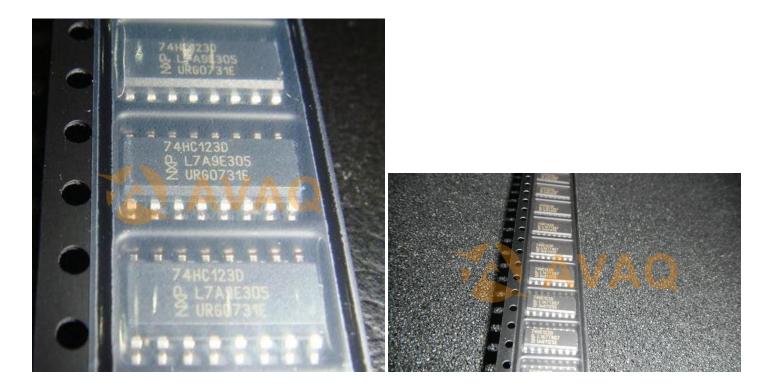
Images are for reference only

General Description

74HC123D is a specific model of a dual retriggerable monostable multivibrator, which is an integrated circuit (IC) used for timing and control applications. The "74HC" part of the name indicates that this IC is part of the 74HC series of high-speed CMOS logic ICs, while the "123" indicates that it is a dual monostable multivibrator. The "D" at the end of the name indicates that it is in a SOIC (Small Outline Integrated Circuit) package.

Key Features	Application
Dual retriggerable monostable multivibrator	Precision timing and delay generation
Schmitt-trigger input for noise immunity	Pulse-width modulation (PWM) generation
Output pulse duration can be adjusted using an external resistor and capacitor	Frequency division and multiplication
Output pulse width can be programmed either by an external trigger input or by an internal oscillator	
High-speed operation with a maximum propagation delay of 15 ns	Signal conditioning and shaping
Wide operating voltage range of 2V to 6V	Control and sequencing of digital systems

Low power consumption



Recommended For You

74HC185N Nexperia Semiconductor (NXP) DIP16

74LVC06APW-Q100J Nexperia Semiconductor (NXP) 14-TSSOP

74HCT123N

Nexperia Semiconductor (NXP) DIP16

74HCT280D Nexperia Semiconductor (NXP) 3.9mm

74HC245PW,118 Nexperia Semiconductor (NXP) TSSOP20 74HCT123D Nexperia Semiconductor (NXP) SOP16

74LVC244APW,118 Nexperia Semiconductor (NXP) TSSOP20

74LVC1G14GW-Q100,1 Nexperia Semiconductor (NXP) SOT353

74HC73D,653 Nexperia Semiconductor (NXP) 14-SO

74LVC07APW,118 Nexperia Semiconductor (NXP) TSSOP14 74LVC1G11GW-Q100H Nexperia Semiconductor (NXP) SOT363

74LVC1G123DC,125 Nexperia Semiconductor (NXP) VSSOP8

74LVC86APW,118 Nexperia Semiconductor (NXP) TSSOP14

74HC40105D Nexperia Semiconductor (NXP) SOP

74HC4514D,653 Nexperia Semiconductor (NXP) SOP-24