


Monostable/Astable Multivibrator Single-Element -55°C 125°C
14-Pin PDIP Tube

Manufacturer:	STMicroelectronics, Inc
Package/Case:	DIP
Product Type:	Logic ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Obsolete



Images are for reference only

[Inquiry](#)

General Description

The HCF4047BEY is a monolithic, multivibrator IC capable of producing different types of timing waveforms. It is commonly used in various timing and frequency control applications.

Key Features

Multivibrator Operation: The HCF4047BEY is designed to function as a multivibrator, which means it can generate different timing waveforms like astable, monostable, or bistable modes.

CMOS Technology: The IC is built using CMOS technology, offering low power consumption and high noise immunity.

Wide Operating Voltage Range: It typically operates over a wide voltage range, making it suitable for various power supply configurations.

Integrated Oscillator: It includes an internal oscillator circuit, simplifying the design and reducing the external component count.

Trigger and Reset Inputs: The IC features trigger and reset inputs to control the timing characteristics of the multivibrator.

Schmitt Trigger Inputs: The trigger and reset inputs may have Schmitt trigger characteristics, providing noise immunity.

Application

Timer Circuits

Frequency Generation

Pulse Width
Modulation (PWM)

Oscillator Circuits

Frequency Division

Pulse and Delay
Circuits

Recommended For You

M74HC595YRMI3TR

STMicroelectronics, Inc

SOP16

HCF4538BEY

STMicroelectronics, Inc

DIP

M74HC221RMI3TR

STMicroelectronics, Inc

SOP3.9

HCF4093YM013TR

STMicroelectronics, Inc
SOP14

HCF4538M013TR

STMicroelectronics, Inc
SOP

HCF4010YM013TR

STMicroelectronics, Inc
SOP16

M74HC14YRM13TR

STMicroelectronics, Inc
SOIC-14

HCF4051YM013TR

STMicroelectronics, Inc
SOP16

HCF40106YM013TR

STMicroelectronics, Inc
SOP14

HCF4094YM013TR

STMicroelectronics, Inc
SOP16

M74HC4060RM13TR

STMicroelectronics, Inc
SOP16

M74HC4538B1R

STMicroelectronics, Inc
DIP

M74HC280RM13TR

STMicroelectronics, Inc
SOP14

M74HC123B1R

STMicroelectronics, Inc
DIP

M74HC283M1R

STMicroelectronics, Inc
SOP16