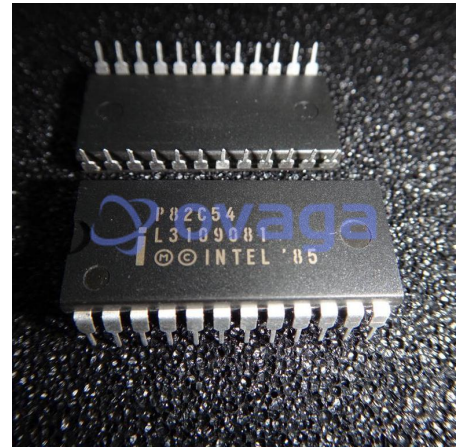


## Analog Timer Circuit

|               |                            |
|---------------|----------------------------|
| Manufacturers | <a href="#">Intel Corp</a> |
| Package/Case  | DIP-24                     |
| Product Type  | Integrated Circuits (ICs)  |
| RoHS          |                            |
| Lifecycle     |                            |



Images are for reference only

Please submit RFQ for P82C54 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

P82C54 is a programmable interval timer IC (Integrated Circuit) that can be used to generate accurate time delays or perform frequency division. It was developed by Intel Corporation and is also known as 8254.

## Features

It is a 24-pin DIP (Dual In-line Package) IC

It contains three 16-bit counters that can operate independently or in a chained mode

It has three independent programmable channels: channel 0 for system timer, channel 1 for memory refresh, and channel 2 for speaker control

It supports various operating modes such as rate generator, square wave generator, software-triggered strobe, hardware-triggered strobe, and more

It can operate at a maximum clock frequency of 10 MHz

## Application

Industrial control systems

Robotics

Real-time clock generation

Audio and video equipment

Personal computers and other electronic devices that require precise timing





## Related Products



### [P82C54-2](#)

Intel Corp  
DIP-24



### [P8256AH](#)

Intel Corp  
DIP-40



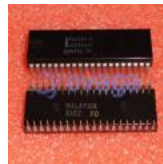
### [P8254](#)

Intel Corp  
DIP-24



### [P8243](#)

Intel Corp  
DIP-24



### [P8255A-5](#)

Intel Corp  
DIP-40



### [P8253](#)

Intel Corp  
DIP-24



### [P8274](#)

Intel Corp  
DIP-40



### [P8749H](#)

Intel Corp  
DIP-40