

Device Information

Design Support

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(Signal Processing Training)

Technical Documentation

Search for documentation by device or doc number

- Datasheets
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ICM7242

[Printer Fr](#)

Long Range Fixed Timer

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Ordering Information

RoHS/Pb-Free/Green Device

Part No.	Status	Temp.	Package	MSL	Price US \$
ICM7242IPA	Active	Ind	8 Ld PDIP	N/A	Buy
ICM7242IPAZ	Active	Ind	8 Ld PDIP	N/A	Buy
ICM7242CBA	InActive	Comm	8 Ld SOIC	1	

The price listed is the manufacturer's suggested retail price for quantities between 999 units. However, prices in today's market are fluid and may change without notice.

MSL = Moisture Sensitivity Level - per IPC/JEDEC J-STD-020

SMD = Standard Microcircuit Drawing

Description

The ICM7242 is a CMOS timer/counter circuit consisting of an RC oscillator followed by binary counter. It will replace the 2242 in most applications, with a significant reduction of external components.

Three outputs are provided. They are the oscillator output, and buffered outputs from the eighth counters.

Key Features

- Replaces the 2242 in Most Applications
- Timing From Microseconds to Days
- Cascadable
- Monostable or Astable Operation
- Wide Supply Voltage Range 2V to 16V
- Low Supply Current 115µA at 5V
- Pb-Free Plus Anneal Available (RoHS Compliant)

Related Documentation

- DS** Datasheet(s):
 - [Long Range Fixed Timer](#)

- TH** Technical Homepage:
 - [Timing Circuits](#)

PT Parametric Data

Oscillator Type	RC
Freq. Range (Hz)	0.1 to 13M

Purchasing

Product Status

Product Cross Reference

Pricing/Leadtime

Packaging Information


Order Samples

Quality and Reliability

Order/Shipment Status

Distributor Stock Check

I_{CC} (μA)	220
V_{CC} Range ($\pm V$)	2 to 16

 **Related Devices**  [Pa](#)

- [ICM7555](#) General Purpose Timers
- [ICM7556](#) General Purpose Timers

