Counter/Timer -40°C to 100°C 28-Pin PDIP

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

Images are for reference only

Inquiry

General Description

The Z84C30 CMOS CTC four-channel counter/timer can be programmed by system software for a broad range of counting and timing applications. The four independently-programmable channels of the Z80 CTC satisfy common microcomputer system requirements for event counting, interrupt and interval timing, and general clock rate generation.

Key Features

With a readable down-counter and a selectable 16 or 256 prescaler

Down counters are reloaded automatically at zero count

Selectable positive or negative trigger initiates timer operation

Three channels have Zero Count/Timeout outputs capable of driving Darlington transistors

NMOS version for cost sensitive performance solutions

CMOS version for the designs requiring low power consumption

Family daisy-chain interrupt structure provides fully vectored, prioritized interrupts

May also be used as an interrupt controller

Recommended For You

Z84C3006AEG	Z84C3006VEG	Z0853606VSG
Zilog, Inc	Zilog, Inc	Zilog, Inc
SMD	PLCC-44	PLCC44