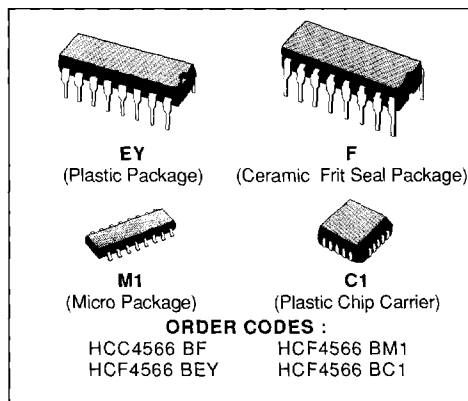


INDUSTRIAL TIME-BASE GENERATOR

PRODUCT PREVIEW

- VERY LOW QUIESCENT CURRENT
- HIGH NOISE IMMUNITY
- SUPPLY VOLTAGE RANGE 3V TO 18V
- NEGATIVE EDGE TRIGGERED COUNTERS FOR EASY CASCADING
- PULSE SHAPING ON COUNTER INPUTS ACCEPTS SLOW INPUT RISE TIMES
- MONOSTABLE MULTIVIBRATOR POSITIVE OR NEGATIVE EDGE TRIGGERED



DESCRIPTION

The HCC4566B and HCF4566B are monolithic integrated circuits, available in 16-lead dual-in-line plastic or ceramic packages and plastic micro packages.

The HCC4566B and HCF4566B are industrial time base generators. They consist of a divide-by-10 ripple counter and a divide-by-5 or divide-by-6 ripple counter to permit stable time generation from a 50 or 60Hz line.

Cascading these devices as divide by 60 counters provides a seconds and minutes counter with an output in BCD format. An internal monostable multivibrator is included whose output can be used as a reset or clock pulse providing additional frequency flexibility. A divide-by-5 facility allows the generation of a 1Hz signal from the European 50Hz-line.

PIN CONNECTION (top view)

