

Multicounter Project using AT89C2051 - BASCOM-8051

ajay_bhargav, Fri Mar 28 2008, 11:56 am

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A BASCOM-8051 project using a 20 pin AT89C2051 controller capable of working in following modes:

1. Frequency
2. Period
3. Low Frequency
4. Techomoter

Some more specification provided by author:

BASCOM-8051 compiler

AT89C2051 Simple counter

frequency range 1Hz - 400.000Hz

period range 100uS. - 8.000.000uS.

N.B. The counter DO NOT WORKS beyond the specified range.

low frequency 1 / period

tachometer 60 / period

Low frequency and tachometer are derived from the period measure.They are displayed with a decimal digit.

For better accuracy the oscillator must be adjusted to 12.000.000Hz

GioppY