

## General Description

The ET4001 are remote control transmitter which uses CMOS technology. This enables transmission code outputs of different configurations, multiple custom code output, and double push key output for easy fabrication.

The ET4001 are suitable for remote control of TV, VCR, FANS, Airconditioners, Audio Equipments, Toys, Games etc.

## Features

- Program memory: 1024 Bytes
- Data memory: 32×4 bits
- 43 types of instruction set
- 3 levels of subroutine nesting
- 1 bit output port for a large current (REMOUT signal)
- Operating frequency: 300kHz~500kHz at KHz version  
2.4MHz~4MHz at MHz version  
300KHz~4.2MHz at WIDE version
- Instruction cycle:  $f_{OSC}/6$  at KHz and WIDE version  $f_{OSC}/48$  at MHz version
- CMOS process (3.0V or 5.0V power supply)
- Stop mode (Through internal instruction)
- Released stop mode by key input
- Built in capacitor for ceramic oscillation circuit at KHz version
- Built in a watch dog timer (WDT)
- Low operating voltage: 2.2 ~ 4.5V(at KHz and MHz version)  
Normal operating voltage: 4.0~5.0V (at WIDE version)
- Package : SOP24

## Pin Configuration

