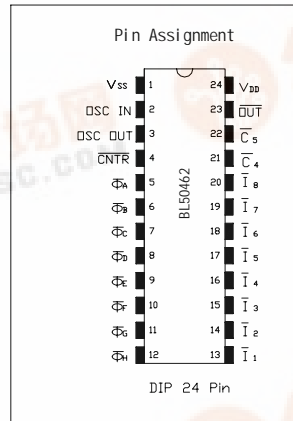


### Description

The BL50462 is a 76-function remote control transmit circuit manufactured by poly-gate CMOS technology for use with in television receivers, audio equipment and the like. It conveys 76 different commands on the basis of a 16-bit PCM code. The transmitter is intended to be used in conjunction with an BL50436 or M50436~560SP receiver.



### Features

- 8 × 8 keyboard matrix, it can transmit 76 different commands on the basis of a 16-bit PCM code
- Single power supply
- Wide supply voltage range: 2.2~5.5V
- Low power dissipation
- Low-cost LC or ceramic oscillator used in determine reference frequency (480 KHz or 455 ), signal transmission frequency (40 KHz or 38 KHz) for carrier wave.
- 3 μ m N-well poly-gate CMOS technology

### Applications

Remote-control transmitters for TV and other application.

Application Circuit

