

## Description

The MIM-5xx3H4 is miniaturized infrared receivers for remote control and other applications requiring improved ambient light rejection. The separate PIN diode and preamplifier IC are assembled on a single leadframe. The epoxy package contains a special IR filter. This module has excellent performance even in disturbed ambient light applications and provides protection against uncontrolled output pulses.



## Features

- Photo detector and preamplifier in one package
- Internal filter for PCM frequency
- High immunity against ambient light
- Improved shielding against electric field disturbance
- 5.0-Volt supply voltage; low power consumption
- TTL and CMOS compatibility

## MIM-5xx3H4 Series Models

- MIM-5303H4 30.0KHz
- MIM-5333H4 33.0KHz
- MIM-5363H4 36.0KHz
- MIM-5373H4 36.7KHz
- MIM-5383H4 38.0KHz
- MIM-5403H4 40.0KHz
- MIM-5443H4 44.0KHz
- MIM-5563H4 56.0KHz

## BLOCK DIAGRAM

