

QSE256

Plastic Silicon OPTOLOGIC Photosensor

Product Overview

For complete documentation, see the data sheet.

The QSE25x family are OPTOLOGIC® ICs which feature a Schmitt trigger at output which provides hysteresis for noise immunity and pulse shaping. The basic building block of this IC consists of a photodiode, a linear amplifier, voltage regulator, Schmitt trigger and four output options. The TTL/LSTTL compatible output can drive up to ten TTL loads over supply currents from 4.5 to 16.0 Volts. The devices are marked with a color stripe for easy identification.

Features

- Bipolar silicon IC
- Package type: Sidelooker
- Medium wide reception angle, 50°
- Package material and color: black epoxy
- Daylight filter
- High sensitivity
- Direct TTL/LSTTL interface

Applications

- This product is general usage and suitable for many different applications.