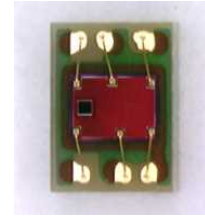


Proximity + Ambient Light Sensor IC

MM3697XBRE



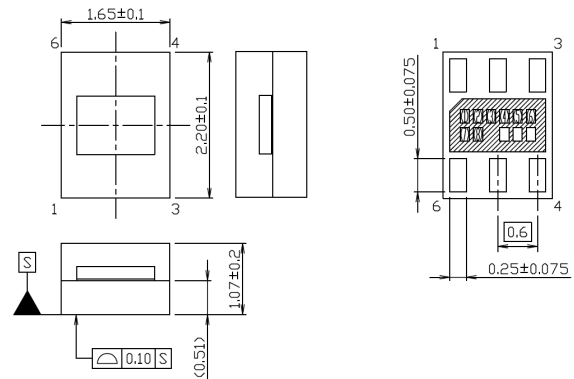
Outline

MM3697XBRE is Proximity sensor and Ambient light sensor with a built-in photodiodes (correspond to visible light and near infrared light) and an LED driver for driving infrared LED. It is possible to measure an illuminance of environment, and measure a proximity to person or objects using external infrared LED.

Applications

Wearable device, Smartphone, Tablet device, TV, Digital camera, PC display, etc.

Package



Features

Proximity Sensor

- Ambient light cancellation circuit are integrated
- Low power consumption by optimal LED control

Ambient Light Sensor

- 50Hz/60Hz Flicker Noise and IR Rejection
- Spectrum response characteristic close to human visibility

Block Diagram

