MITSUMI

Proximiy + 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.

Package

Applications

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

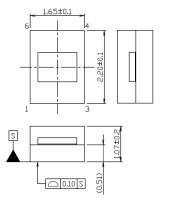
Features

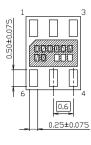
Proximity Sensor

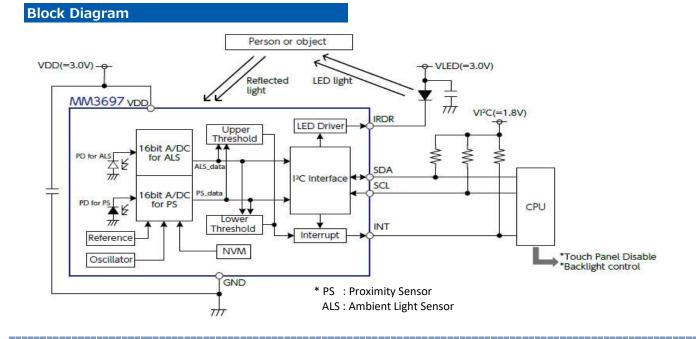
- Ambient light cancellation circuit are integrated

- Low power consumption by optimal LED control <u>Ambient Light Sensor</u>

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







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Passion to Create Value through Difference

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