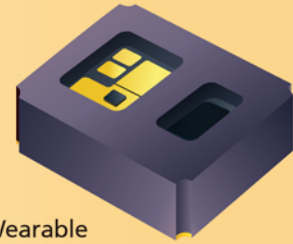


2-in-1 Light Sensor Proximity Sensor(PS) + IR Light source 2.5 x 2.0 x 1.0 mm PA224 Series

Sensor

Features

- Ceramic Based 2-in-1 Proximity Sensor
- PS Crosstalk Cancelling 50% ADC counts
- Support 16-Bit Format Via I²C Interface
- 50/60Hz Noise Rejection Filter
- Power Saving Mode, Low Power Consumption
- Excellent PS performance for black hair in zero distance
- Applications : Smartphone, Phablet, Tablet, Digital Single Lens Reflex Camera, Smart Wearable Sport & Fitness.

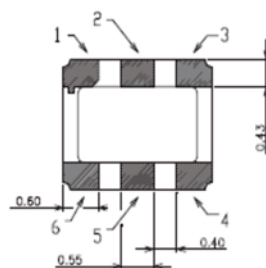
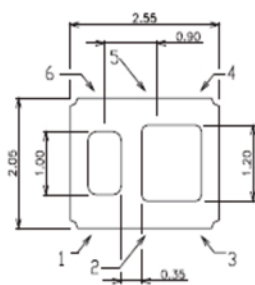


Electrical Specifications

| Item / Type | PA224 |
|-----------------------------------|------------------|
| Operating Temperature Range | -30~85°C |
| Storage Temperature Range | -40~85°C |
| Supply Voltage | 2.7~3.3 V |
| Supply Current (PS Only) | 350 μ A Max. |
| Shutdown Current | 1 μ A Max. |
| I ² C Clock Rate Range | 1~400 kHz |
| ADC Conversion Time | 100ms |
| IR-LED Peak Wave Length | 940 nm(VCSEL) |
| IR-LED Driving Current | 7, 10, 12, 15 mA |
| PS Detection Distance** | 0~100 mm |

* Light Source : White LED (6500K)
 **Kodak 90% White Card

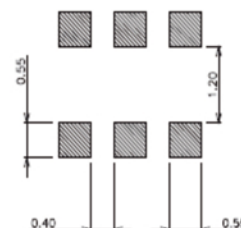
Dimensions



Pin Function

| Name | Function |
|-------|----------|
| Pin 1 | VDD |
| Pin 2 | SCL |
| Pin 3 | GND |
| Pin 4 | GND |
| Pin 5 | NINT |
| Pin 6 | SDA |

Land Pattern



Units: mm
 Tolerance: \pm 0.10

Remark : Specification subject to change without prior notice. Please confirm with our sales. <http://www.txccorp.com>

单击下面可查看定价，库存，交付和生命周期等信息

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