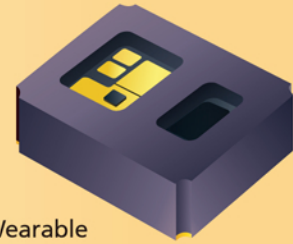


2-in-1 Light Sensor Proximity Sensor(PS) + IR Light source 2.5 x 2.0 x 1.0 mm PA224 Series

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.

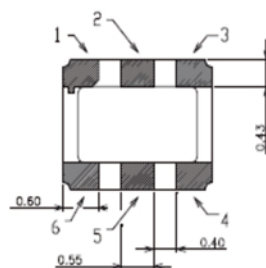
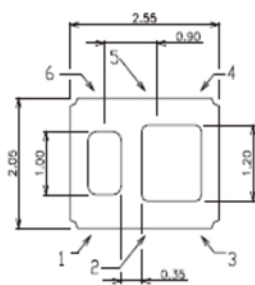


Electrical Specifications

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

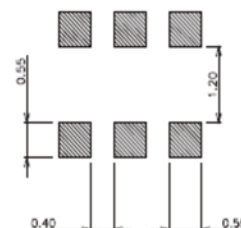


Pin Function



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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