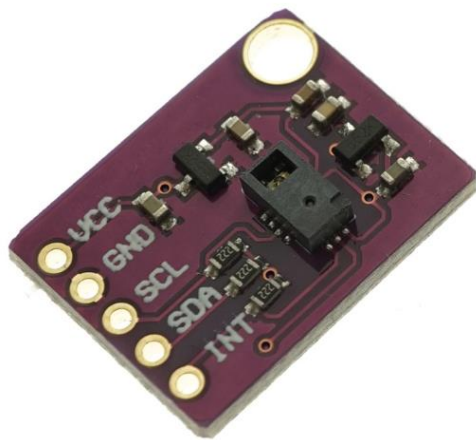# PAJ7620U2 Gesture Recognition Sensor Module

**Product Description**

1. Typical supply voltage is 2.8V to 3.3V and I/O voltage is 1.8V~3.3V

2. Nine gesture recognition (Up / Down / Left / Right / Push / Pull / CW / CCW / Wave)

3. Gesture speed is 60°/s to 600°/s in Normal Mode and 60°/s to 1200°/s in Gaming Mode

4. Ambient light immunity: < 100k Lux

5. Built-in proximity detection

6.Flexible power saving scheme

7. I2C interface up to 400 kbit/s, Pull-up voltage from 1.8V to 3.3V

8. Ambient light noise cancellation



Description:

1. 9 kinds of gesture recognition: ↑ (top) ↓ (bottom) ← (left) → (right) ⊙ (front) ⊗ (back) ↻ (clockwise) ↺ (counterclockwise) (swing)

2. Interface: IIC interface communication protocol

3. Working voltage: 3.3V-5V

4. The gesture speed is 60°/s to 600°/s in normal mode and 60°/s to 1200°/s in game mode.

5. Ambient light immunity: <100k Lux

6. Working current: 3mA-10mA

7. Module size: 20MM*16MM