



كاميرا VGA OV7670

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:Features

- Active Array Size: 640×480 pixel •
- Voltage: 2.45 to 3.0 V •
- (Operating Power: 60 mW typical (15fps VGA YUV format •
- Standby mode: <20uA •
- °C Operating Temperature: -30 °C to 70 •
- °C Temperature Range(stable Image): 0 °C to 50 •
- .Output formats (8-bit): YUV/YCbCr4:2:2, RGB565/555/444, GRB4:2:2 Raw RGB Data •
- Lens Size: 1/6" •
- Vision angle: 25 degree •
- Max. Frame Rate: 30 fps for VGA •
- (Sensitivity:1.3V/(Lux sec •
- Signal to noise ratio: 46dB •
- Dynamic Range: 52 dB •
- Pixel size: 3.6um x 3.6um •
- °CDark Current: 12 mV/s at 60 •

مستشعر الكاميرا الحرارية بالأشعة تحت الحمراء AMG8833

مستشعر الكاميرا الحرارية بالأشعة تحت الحمراء AMG8833

:Features

- Model: AMG8833 •
- Input Voltage: 3.3~5V •
- Current consumption: (Typ. - Normal mode) 4.5mA •
- °C Temperature range of measuring object: 0°C to 80 •
- °C Temperature accuracy: Typical ± 2.5 •
- °C Storage temperature range: -20 °C to 80 •
- ° Viewing angle: Typical 60 •
- Human detection distance: 7 m or less (reference value) 22.966 ft •
- (Number of pixels: 64 (Vertical 8 × Horizontal 8 Matrix •

External interface: I2C •