

C2670P (PAL) C2670N (NTSC) Color Camera Module

It is a series of low cost but high level of functionality CMOS camera modules. By using the advance image processing technique, it provides more functions then traditional surveillance camera. It is small size, low voltage, low power consumption.

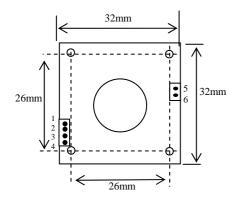
Features:

- ✓ Small size : 32x32 mm
- ✓ Wide angle lens
- ✓ Freeze and Zoom function
- ✓ 5VDC operation
- ✓ Low power consumption
- ✓ Full resolution analog output
- ✓ Direct connect to TV monitor
- ✓ Built-in Audio amplifier
- \checkmark Automatic white balance
- ✓ Auto exposure/gain control

Application Example

- Video Door phone
- Security and Surveillance System
- Toys

Mechanical Size



Connector Description

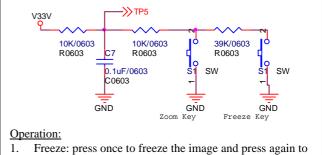
- 1 PWR Power Supply 6 9V DC
- 2 AUD Audio Output
- 3 GND Common Ground for power and video
- 4. CVO Composite Video Output. Direct connect to TV Video In
- 5 TP5 ADC for key freeze and zoom
- 5 115 ADC for Key neeze and
- 6 TP6 Ground for key



Specification

| | C2670 (PAL) |
|-------------------|--------------------------------|
| Imager | CMOS imager sensor VGA |
| Video Output | Composite video (75 Ω) |
| Picture Element | 640 x 480 pixel |
| Resolution | 380 TV lines |
| Zoom | 1-4X |
| Operation Voltage | 5 VDC |
| Power consumption | 200mA |
| Connectors | 2mm pitch |
| Lens | f=2.2mm F/no: 2.5 |
| View Angle | 62 deg diagonal |
| Board size | 32x32mm |

Key Circuit Diagram



normal 2. Zoom: press to zoom in and hold for continuous zooming until max. press once to resume.

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