RJ3EV4EF0DT

4/3-type B/W Progressive Scan CCD Area Sensor with 8M Pixels (4ch)(16:9)
High Speed and High Sensitivity including near-infrared light region (25frames/s @60MHz)

Description

The RJ3EV4EF0DT is a 4/3-type(22.65mm) solid-state image sensor that consists of PN photo-diodes and CCDs(charge-coupled devices) with approximately 8M pixels. The sensor provides a stable high-resolution B/W image and high sensitivity and high efficiency and high speed (25frames/s @60MHz).

Applications

- Industrial monitor cameras
- Intelligent Transport System cameras
- Video capturing devices for PCs etc.

Features

- Number of image pixels: 3848H × 2168V
- Sensitivity: 2250mV @F4 1000lx with a 90% reflector, 1/30s accumulation
- Smear ratio: -125dB
- Frame rate: 25frames/s @60MHz
- Signal Output: 4ch
- Color filter: B/W
- Supply Voltages: +13.5V/+3.3V/-6.5V
- Ambient operating temperature: -30 °C to +85 °C
- Package: 64pinDIP(plastic)

System Configuration

![System Configuration Diagram]

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