RJ3DT3AF0DT

1/1-type Color Progressive Scan CCD Area Sensor with 6M Pixels (4ch)
High Speed and High Sensitivity including near-infrared light region (30frames/s @60MHz)

Description

The RJ3DT3AF0DT is a 1/1-type (15.99mm) solid-state image sensor that consists of PN photo-diodes and CCDs (charge-coupled devices) with approximately 6M pixels. The sensor provides a stable high-resolution color image and high sensitivity and high efficiency and high speed (30frames/s @60MHz).

Applications

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

Features

- Number of image pixels: 2758H × 2208V
- Sensitivity: 1150mV @F4 1000lx with a 90% reflector, 1/30s accumulation
- Smear ratio: -125dB
- Frame rate: 30frames/s @60MHz
- Signal Output: 4ch
- Color filter: R/G/B
- Supply Voltages: +13.5V/+3.3V/-6.5V
- Ambient operating temperature: -30 °C to +85 °C
- Package: 64pinDIP(plastic)

System Configuration

Sharp reserves the right to change products and specifications without prior notice.
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