**RJ33B3AA0DT**

1/3-type Color Progressive Scan CCD Area Sensor with 350K Pixels (1ch)
High Speed and High Sensitivity including near-infrared light region (120frames/s @60MHz)

### Description

The RJ33B3AA0DT is a 1/3-type(5.92mm) solid-state image sensor that consists of PN photo-diodes and CCDs(charge-coupled devices) with approximately 350K pixels.
The sensor provides a stable high speed (120frames/s @60MHz) color image and high sensitivity including near-infrared light regions.

### Applications

- Industrial monitor cameras
- Video capturing devices for PCs etc.

### Features

- Number of image pixels: $660 \times 494$V
- Sensitivity: $3000\text{mV} @ F4$ 1000lx with a 90% reflector, 1/30s accumulation
- Smear ratio: $-125 \text{dB}$
- Frame rate: 120frames/s @60MHz
- Signal Output: 1ch
- Color filter: R/G/B
- Ambient operating temperature: $-30 \degree C$ to $+85 \degree C$
- Package: 24pin DIP(plastic)

### System Configuration

![System Configuration Diagram]

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