The RJ33B3AD0DT 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 (200 frames/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: 660H × 494V
- Sensitivity: 3000mV @ F4 1000lx with a 90% reflector, 1/30s accumulation
- Smear ratio: -125dB
- Frame rate: 200 frames/s @ 60MHz
- Signal Output: 2ch
- Color filter: R/G/B
- Ambient operating temperature: -30 ºC to +85 ºC
- Package: 24pinDIP (plastic)

**System Configuration**

Sharp reserves the right to change products and specifications without prior notice.
The circuit diagram and others included in this specifications are intended for use to explain typical application examples. Therefore, we take no responsibility for any problem as may occur due to the use of the included circuit and for any problem with industrial proprietary rights or other rights.