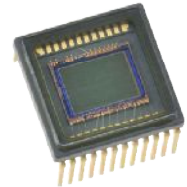


RJ33J3CA0DT

1/3-type Color Progressive Scan CCD Area Sensor with 1.3M Pixels (1ch)
High Speed (30frames/s @45MHz) and High Sensitivity including near-infrared light region



Description

The RJ33J3CA0DT is a 1/3-type(6.0mm) solid-state image sensor that consists of PN photo-diodes and CCDs(charge-coupled devices) with approximately 1.3M pixels.
The sensor provides a stable high-resolution color image and high speed (30frames/s @45MHz) and high sensitivity including near-infrared light region.

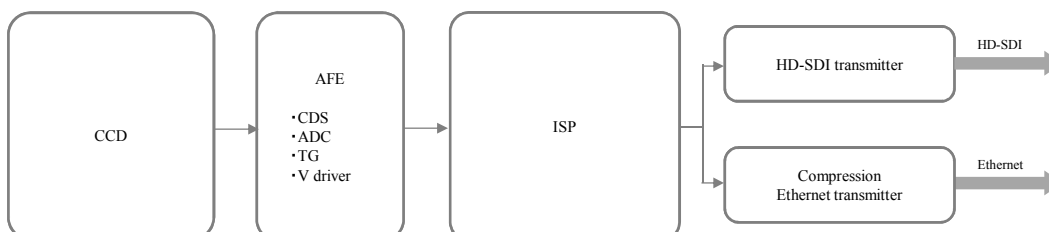
Applications

- Cameras
(Security cameras, Camcorders, Industrial monitor cameras, etc.)
- Pattern recognition

Features

- | | |
|---------------------------------|---|
| • Number of image pixels | 1320H × 976V |
| • Sensitivity | 950mV @F4 1000lx with a 90% reflector, 1/30s accumulation |
| • NIR sensitivity | 2.0 times compared with the RJ33J3BA0DT @ λ=900nm |
| • Smear ratio | -120dB |
| • Frame rate | 1.3M 30frames/s @45MHz, 720p 30frames/s @36MHz |
| • Color filter | R/G/B |
| • Supply Voltages | +13.5V/+3.3V/-6.5V |
| • Ambient operating temperature | -30 °C to +85 °C |
| • Package | 24pinDIP(plastic) |
| • Reflow | RJ33J3CA0LT with reflowable package |

System Configuration



ARRANGEMENT OF PIXELS

