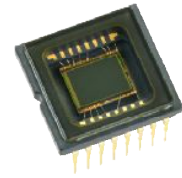


RJ2331CA0PB

1/3-type Color Interlace CCD Area Sensor with 520k(960H) Pixels for NTSC
High Sensitivity including near-infrared light region



Description

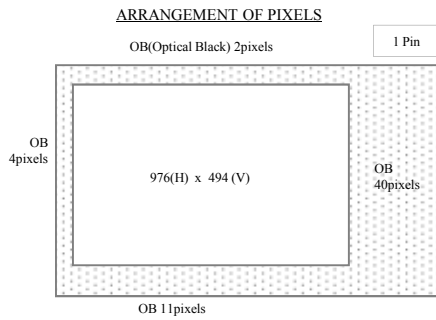
The RJ2331CA0PB is a 1/3-type(6.0mm) solid-state image sensor that consists of PN photo-diodes and CCDs(charge-coupled devices) with approximately 520Kpixels (horizontal 1020 × vertical 507). The sensor provides a stable high-resolution color image and high sensitivity including near-infrared region.

Applications

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

Features

- | | |
|---------------------------------|--|
| • Number of image pixels | 976H × 494V |
| • Sensitivity | 2600mV @F4 1000lx with a 90% reflector |
| • NIR sensitivity | 1.9 time compared with the RJ2331BA0PB @ λ=900nm |
| • Smear ratio | -125dB |
| • Color filter | Mg/G/Cy/Ye |
| • Supply Voltages | +15V/+3.3V/-8V |
| • Ambient operating temperature | -30 °C to +85 °C |
| • Package | 16pinDIP(plastic) |
| • Reflow | RJ2331CA0LT with reflowable package |



System Configuration

