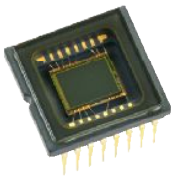




RJ3331AA0PB

1/3-type Color Progressive scan CCD Area Sensor with 520k(960H) Pixels for NTSC



Description

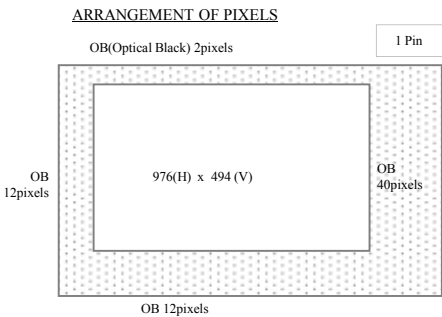
The RJ3331AA0PB is a 1/3-type(6.0mm) solid-state image sensor that consists of PN photo-diodes and CCDs(charge-coupled devices) with approximately 520Kpixels (horizontal 1028 × vertical 508). The sensor provides a stable high-resolution color image and high sensitivity including near-infrared region.

Applications

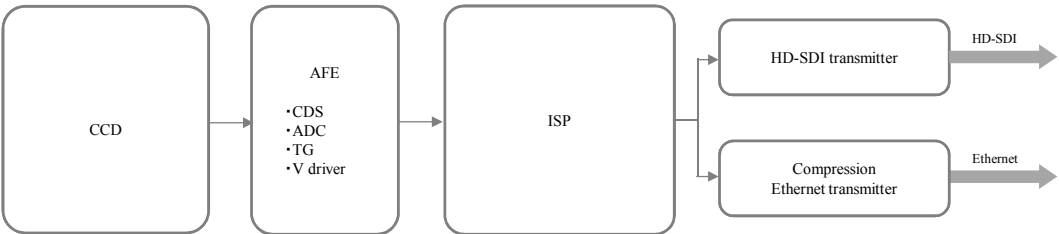
- Cameras
(Security cameras, Camcorders, Industrial monitor cameras, etc.)
- Pattern recognition

Features

- Number of image pixels 976H × 494V
- Sensitivity 1500mV @F4 1000lx with a 90% reflector
- Smear ratio -120dB
- Frame rate 60frames/s @36MHz
- Color filter Mg/G/Cy/Ye
- Supply Voltages +15V/+3.3V/-8V
- Ambient operating temperature -20°C to +70 °C
- Package 16pinDIP(plastic)
- Reflow RJ3331AA0LT with reflowable package



System Configuration



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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.