RJ31N4EA0DT

1/2-type B/W Progressive Scan CCD Area Sensor with 2M Pixels (1ch)(16:9)
High Speed and High Sensitivity including near-infrared light region (25frames/s @60MHz)

Description

The RJ31N4EA0DT is a 1/2-type(8.04mm) solid-state image sensor that consists of PN photo-diodes and CCDs(charge-coupled devices) with approximately 2M pixels.
The sensor provides a stable high-resolution B/W image and high sensitivity and high efficiency and high speed (25frames/s @60MHz).

Applications

- Industrial monitor cameras
- Intelligent Transport System cameras
- Video capturing devices for PCs etc.

Features

- Number of image pixels: 1928H × 1088V
- Sensitivity: 1150mV @F4 1000lx with a 90% reflector, 1/30s accumulation
- Smear ratio: -115dB
- Frame rate: 25frames/s @60MHz
- Signal Output: 1ch
- Color filter: B/W
- Supply Voltages: +13.5V/+3.3V/-6.5V
- Ambient operating temperature: -30 °C to +85 °C
- Package: 28pinDIP(plastic)

System Configuration

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