SHARP

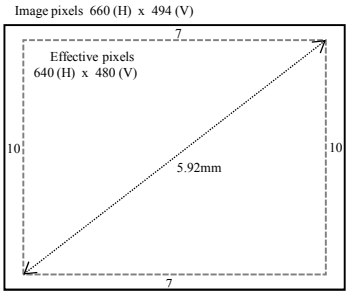
RJ33B4AD0DT

1/3-type B/W Progressive Scan CCD Area Sensor with 350K Pixels (2ch)
High Speed and High Sensitivity including near-infrared light region (200frames/s @60MHz)

Description

The RJ33B4AD0DT 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 (200frames/s @60MHz) B/W image and high sensitivity including near-infrared light regions.

ARRANGEMENT OF PIXELS



Applications

- Industrial monitor cameras
- Video capturing devices for PCs etc.

Features

・Number of image pixels	660H × 494V
・Sensitivity	4500mV @F4 1000lx with a 90% reflector, 1/30s accumulation
・Smear ratio	-125dB
・Frame rate	200frames/s @60MHz
・Signal Output	2ch
・Color filter	B/W
・Ambient operating temperature	-30 ºC to +85 ºC
・Package	24pinDIP(plastic)

System Configuration