

## RJ3DT3AF0DT

1/1-type Color Progressive Scan CCD Area Sensor with 6M Pixels (4ch)  
 High Speed and High Sensitivity including near-infrared light region (30frames/s @60MHz)



### Description

The RJ3DT3AF0DT is a 1/1-type(15.99mm) solid-state image sensor that consists of PN photo-diodes and CCDs(charge-coupled devices) with approximately 6M pixels.  
 The sensor provides a stable high-resolution color image and high sensitivity and high efficiency and high speed (30frames/s @60MHz).

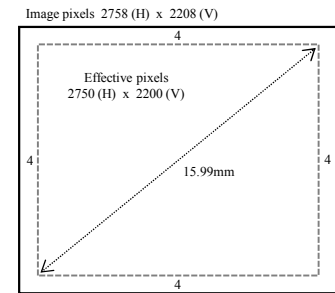
### Applications

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

### Features

- |                                 |  |
|---------------------------------|--|
| • Number of image pixels        | 2758H × 2208V  |
| • Sensitivity                   | 1150mV @F4 1000lx with a 90% reflector, 1/30s accumulation |
| • Smear ratio                   | -125dB   |
| • Frame rate                    | 30frames/s @60MHz  |
| • Signal Output                 | 4ch  |
| • Color filter                  | R/G/B  |
| • Supply Voltages               | +13.5V/+3.3V/-6.5V   |
| • Ambient operating temperature | -30 °C to +85 °C   |
| • Package                       | 64pinDIP(plastic)  |

### ARRANGEMENT OF PIXELS



### System Configuration

