

## **RJ3DV3AF0DT**

1/1-type Color Progressive Scan CCD Area Sensor with 8M Pixels (4ch) High Speed and High Sensitivity including near-infrared light region (25frames/s @60MHz) The RJ3DV3AF0DT is a 1/1-type(15.99mm) solid-state image sensor that consists of PN photo-diodes and CCDs(charge-coupled devices) with approximately 8M pixels. The sensor provides a stable high-resolution color image and high sensitivity and high efficiency and high speed (25frames/s@60MHz). ARRANGEMENT OF PIXELS Image pixels 3320 (H) x 2496 (V) Effective pixels 3296 (H) x 2472 (V) Industrial monitor cameras Intelligent Transport System cameras 15.99mm • Video capturing devices for PCs etc. Features · Number of image pixels 3320H × 2496V Sensitivity 750mV @F4 1000lx with a 90% reflector, 1/30s accumulation Smear ratio -120dB • Frame rate 25frames/s @60MHz · Signal Output 4ch Color filter R/G/B Supply Voltages +13.5V/+3.3V/-6.5V -30 °C to +85 °C Ambient operating temperature 64pinDIP(plastic) Package OUT1 HD-SDI HD-SDI transmitter AFE OUT2 •CDS CCD ISP • ADC OUT3 ٠TG Ethernet ·V driver Compression Ethernet transmitter OUT4

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