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).

**Applications**
- Industrial monitor cameras
- Intelligent Transport System cameras
- 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
- Ambient operating temperature: -30 ºC to +85 ºC
- Package: 64pinDIP(plastic)

**System Configuration**

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