

LZ23452

Two-power supply (+5 V and +12 V) operation
1/3 type Color CCD Area Sensor for PAL

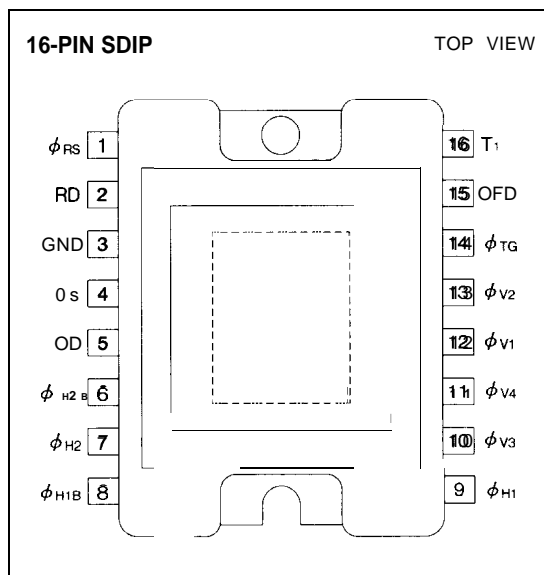
DESCRIPTION

LZ23452 is a 1/3-type (6.0 mm) solid-state image sensor that consists of PN photo-diodes and CCDs (charge-coupled devices) driven by only positive voltages. Having approximately 220000 pixels (horizontal 384 × vertical 582), the sensor provides a stable color normal or mirror image.

FEATURES

- Number of pixels : 362 (H) × 582 (V)
Pixel pitch : 13.6 μm (H) × 6.3 μm (V)
Number of optical black pixels
: Horizontal; front 2 and rear 20
- Complementary color filters of Mg, G, Cy and Ye
- Low fixed pattern noise and lag
- No sticking and no image distortion
- Blooming suppression structure
- Built-in output amplifier
- Variable electronic shutter (1/50 to 1/10 000 s)
- Compatible with PAL standard
- Normal or mirror image output available from common output terminal
- Package : 16-pin SDIP [CERDIP] (WDIP016-N-0500B)

PIN CONNECTIONS



BLOCK DIAGRAM

