

LZ23352

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

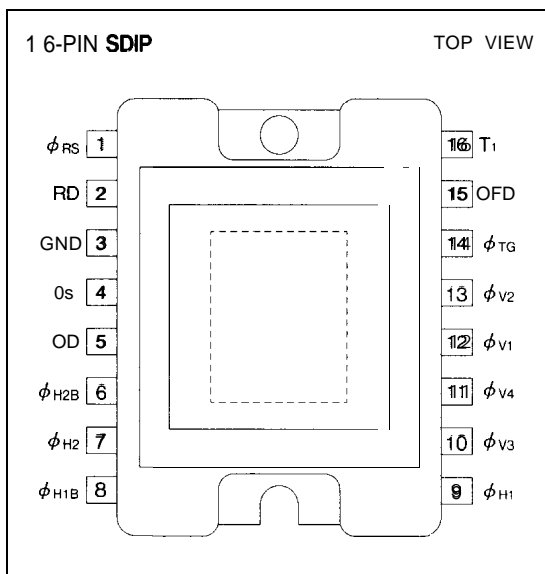
DESCRIPTION

LZ23352 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 190000 pixels (horizontal 384 × vertical 492), the sensor provides a stable color normal or mirror image.

FEATURES

- Number of pixels : 362 (H) × 492 (V)
Pixel pitch : 13.6 μm (H) × 7.5 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 (1/60 to 1/10 000 s)
- Compatible with NTSC standard
- Normal or mirror image output available from common output terminal
- Package : 16-pin SDIPICERDIP](WDIPO1 6-N-0500B)

PIN CONNECTIONS



BLOCK DIAGRAM

