

Product Overview

ASX350AT: CMOS Image Sensor System-on-Chip, VGA, 1/5"

For complete documentation, see the data sheet.

ON Semiconductor's ASX350AT is a VGA-format, single-chip CMOS active-pixel digital image sensor for automotive applications. It captures high-quality color images at VGA resolution and outputs NTSC or PAL interlaced composite video. It features ON Semiconductor's breakthrough low-noise imaging technology, and is a complete camera-on-a-chip. It incorporates sophisticated camera functions on-chip and is programmable through a simple two-wire serial interface or by an attached SPI EEPROM or Flash memory that contains setup information that may be loaded automatically at startup.

Part Electrical Specifications

| Product | Compliance | Status | Type | Megapixels | Frame Rate (fps) | Optical Format | Shutter Type | Pixel Size (µm) | Output Interface | Color | Package Type |
|-----------------------|---|--------|------|------------|------------------|----------------|--------------------|-----------------|------------------|-------|--------------|
| ASX350AT3C00XPEA0-DP | AEC Qualified PPAP Capable Pb-free Halide free | Active | CMOS | VGA | 60 | 1/5 inch | Electronic Rolling | 3.75 x 3.75 | - | RGB | IBGA-63 |
| ASX350AT3C00XPEA0-DP1 | AEC Qualified PPAP Capable Pb-free Halide free | Active | CMOS | VGA | 60 | 1/5 inch | Electronic Rolling | 3.75 x 3.75 | - | RGB | IBGA-63 |
| ASX350AT3C00XPEA0-DR | AEC Qualified PPAP Capable Pb-free Halide free | Active | CMOS | VGA | 60 | 1/5 inch | Electronic Rolling | 3.75 x 3.75 | - | RGB | IBGA-63 |
| ASX350AT3C00XPEA0-DR1 | AEC Qualified PPAP Capable Pb-free Halide free | Active | CMOS | VGA | 60 | 1/5 inch | Electronic Rolling | 3.75 x 3.75 | - | RGB | IBGA-63 |

For more information please contact your local sales support at www.onsemi.com.

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