

AR0136AT

1.2 MP 1/3" CMOS Image Sensor

Product Overview

For complete documentation, see the data sheet.

* PRELIMINARY INFO* ON Semiconductor's AR0136AT 1/3-inch CMOS digital image sensor with an active-pixel array of 1280H x 960V. It captures images in either linear or high dynamic range modes, with a rolling-shutter readout. It includes sophisticated camera functions such as auto exposure control, windowing, and both video and single frame modes. It is designed for both low light and high dynamic range scene performance. It is programmable through a simple two-wire serial interface. The AR0136AT produces extraordinarily clear, sharp digital pictures, and its ability to capture both continuous video and single frames makes it the perfect choice for a wide range of applications, including surveillance and HD video. This sensor is compatible with ON Semiconductor's automotive image co-processors which provides megapixel HDR image processing. Engineering Samples available in Q3 2015.

Features

- High Dynamic Range

Applications

- Automotive