

ARX550AT

CMOS Image Sensor, VGA, 1/5"

Product Overview

For complete documentation, see the data sheet.

ON Semiconductor's ARX550AT is a 1/5-inch CMOS digital image sensor with an active-pixel array of 848H x638V. 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. The ARX550AT 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 ADAS cameras.

Features


- High Dynamic Range

Applications

- Automotive Scene Processing
- High Dynamic Range Imaging

End Products

- ADAS cameras

Part Electrical Specifications												
Product	Pricing (\$/Unit)	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Output Interface	Color	Package Type
ARX550AT2C00 XPEA0-TRBR			Active	CMOS	0.5	60	1/5 inch	Electronic Rolling	3.75 x 3.75		RGB	IBGA-63