



Product Overview

AR0542: 5 MP 1/4" CMOS Image Sensor

For complete documentation, see the [data sheet](#)

Product Description

ON Semiconductor's focus on pixel performance excellence provides the foundation for this sensor's exceptional image quality with superior color accuracy, low-light sensitivity, and low noise level. The AR0542 is a 1/4-inch CMOS active-pixel digital image sensor incorporating sophisticated on-chip camera functions such as windowing, mirroring, column and row skip modes, and snapshot mode. It is programmable through a simple two-wire serial interface and has very low power consumption.

Applications

- Mobile

Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Output Interface	Color	Package Type
AR0542MBSC25SUD20	Pb-free Halide free	Active	CMOS	5	15	1/4 Inch	Electronic Rolling	1.4 x 1.4		RGB	

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

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