



## Product Overview

### MT9P031: 5 MP 1/3" 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. This cost-effective CMOS imaging solution enables high speed image capture capabilities, and includes variable functions, including gain, frame rate, and exposure while maintaining low power consumption.

#### Applications

- Security

#### Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Output Interface	Color	Package Type
MT9P031112STC-DP	Pb-free Halide free	Active	CMOS	5	15	1/2.5 inch	Electronic Rolling	2.2 x 2.2	Parallel	RGB	ILCC-48
MT9P031112STC-DR	Pb-free Halide free	Active	CMOS	5	15	1/2.5 inch	Electronic Rolling	2.2 x 2.2	Parallel	RGB	ILCC-48
MT9P031112STC-DR1	Pb-free Halide free	Active	CMOS	5	15	1/2.5 inch	Electronic Rolling	2.2 x 2.2	Parallel	RGB	ILCC-48
MT9P031112STC-TP	Pb-free Halide free	Active	CMOS	5	15	1/2.5 inch	Electronic Rolling	2.2 x 2.2	Parallel	RGB	ILCC-48
MT9P031112STM-DP	Pb-free Halide free	Active	CMOS	5	15	1/2.5 inch	Electronic Rolling	2.2 x 2.2	Parallel	Mono	ILCC-48
MT9P031112STM-DP1	Pb-free Halide free	Active	CMOS	5	15	1/2.5 inch	Electronic Rolling	2.2 x 2.2	Parallel	Mono	ILCC-48
MT9P031112STM-DR	Pb-free Halide free	Active	CMOS	5	15	1/2.5 inch	Electronic Rolling	2.2 x 2.2	Parallel	Mono	ILCC-48
MT9P031112STM-DR1	Pb-free Halide free	Active	CMOS	5	15	1/2.5 inch	Electronic Rolling	2.2 x 2.2	Parallel	Mono	ILCC-48
MT9P031112STM-TP	Pb-free Halide free	Active	CMOS	5	15	1/2.5 inch	Electronic Rolling	2.2 x 2.2	Parallel	Mono	ILCC-48

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

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