



## Product Overview

### MT9M001: 1 MP 1/2" 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.

#### Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Color	Package Type
MT9M001C12STC-DR	Pb-free Halide free	NEW	CMOS	1.3	30	1/2 inch	Electronic Rolling	5.2 x 5.2	Mono	CLCC-48
MT9M001C12STC-TP	Pb-free Halide free	NEW	CMOS	1.3	30	1/2 inch	Electronic Rolling	5.2 x 5.2	Mono	CLCC-48
MT9M001C12STM-DP	Pb-free Halide free	NEW	CMOS	1.3	30	1/2 inch	Electronic Rolling	5.2 x 5.2	Mono	CLCC-48
MT9M001C12STM-DR	Pb-free Halide free	NEW	CMOS	1.3	30	1/2 inch	Electronic Rolling	5.2 x 5.2	Mono	CLCC-48
MT9M001C12STM-DR1	Pb-free Halide free	NEW	CMOS	1.3	30	1/2 inch	Electronic Rolling	5.2 x 5.2	Mono	CLCC-48
MT9M001C12STM-TP	Pb-free Halide free	NEW	CMOS	1.3	30	1/2 inch	Electronic Rolling	5.2 x 5.2	Mono	CLCC-48
MT9M001C12STM-TR	Pb-free Halide free	NEW	CMOS	1.3	30	1/2 inch	Electronic Rolling	5.2 x 5.2	Mono	CLCC-48

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

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