

## Product Overview

### MT9M001: CMOS Image Sensor, 1 MP, 1/2"

For complete documentation, see the data sheet.

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	Pricing (\$/Unit)	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Output Interface	Color	Package Type
MT9M001C12STM-DP		Pb-free	Active	CMOS	1.3	30	1/2 inch	Electronic Rolling	5.2 x 5.2	Parallel	Mono	CLCC-48
		Halide free non AEC-Q and PPAP										
MT9M001C12STM-DR		Pb-free	Active	CMOS	1.3	30	1/2 inch	Electronic Rolling	5.2 x 5.2	Parallel	Mono	CLCC-48
		Halide free non AEC-Q and PPAP										
MT9M001C12STM-DR1		Pb-free	Active	CMOS	1.3	30	1/2 inch	Electronic Rolling	5.2 x 5.2	Parallel	Mono	CLCC-48
		Halide free non AEC-Q and PPAP										
MT9M001C12STM-TP		Pb-free	Active	CMOS	1.3	30	1/2 inch	Electronic Rolling	5.2 x 5.2	Parallel	Mono	CLCC-48
		Halide free non AEC-Q and PPAP										

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