

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										

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

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