



## Product Overview

### MT9F002: 14 MP 1/2.3" 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
MT9F002I12-N4000-DP	Pb-free Halide free	Active	CMOS	14	13.7	1/2.3 inch	Electronic Rolling and Global Reset Release	1.4 x 1.4		RGB	ILCC-48
MT9F002I12-N4000-DP1	Pb-free Halide free	Active	CMOS	14	13.7	1/2.3 inch	Electronic Rolling and Global Reset Release	1.4 x 1.4		RGB	ILCC-48
MT9F002I12STCV-DP	Pb-free Halide free	Active	CMOS	14	13.7	1/2.3 inch	Electronic Rolling and Global Reset Release	1.4 x 1.4		RGB	ILCC-48
MT9F002I12STCV-TB-DP	Pb-free Halide free	NEW	CMOS	10	7.5	1/2.3 inch	Electronic Rolling and Global Reset Release	1.67 x 1.67		RGB	ILCC-48
MT9F002I12STCVG-DPBR-E	Pb-free Halide free	Active	CMOS	14	13.7	1/2.3 inch	Electronic Rolling and Global Reset Release	1.4 x 1.4		RGB	ILCC-48

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

Created on: 8/5/2016