



Product Overview

MT9J003: 10 MP 1" 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

- Industrial

Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Color	Package Type
MT9J003I12STCU-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
MT9J003I12STCU-DR	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
MT9J003I12STCV2-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
MT9J003I12STCV2-TP	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
MT9J003I12STMU-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	Mono	ILCC-48

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

Created on: 7/11/2015