



Product Overview

MT9M025: 1.2 MP 1/3" CMOS Image Sensor

For complete documentation, see the data sheet

Product Description

ON Semiconductor's MT9M025 is a 1/3-inch CMOS digital image sensor for automotive applications, with an active-pixel array of 1280H x 960V. It captures images in either linear or high dynamic range modes, with a rolling-shutter readout. It includes sophisticated camera functions such as auto exposure control, windowing, and both video and single frame modes. It is designed for both low light and high dynamic range scene performance.

Features

- High Dynamic Range

Applications

- Automotive

Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Color	Package Type
MT9M025IA3XTC-DRBR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	RGB	IBGA-63
MT9M025IA3XTC-TRBR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	RGB	IBGA-63
MT9M025IA3XTM-DRBR-E	Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	Mono	IBGA-63

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

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