



## Product Overview

### MT9V126: VGA 1/4" System-on-Chip

For complete documentation, see the data sheet

#### Product Description

ON Semiconductor's focus on pixel performance excellence enables the built-in advantages of having a high quality image sensor at the core of this SOC (System-on-Chip). ON Semiconductor's SOCs provide a variety of camera functions including auto focus, auto white balance, and auto exposure. SOC is a cost-effective, compact, one-chip solution providing exceptional image quality and ease of integration which can lower overall system costs and speed time to market.

#### Applications

- Automotive

#### Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Output Interface	Color	Package Type
MT9V126IA3XTC-DP	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	VGA	30	1/4 inch	Electronic Rolling	5.6 x 5.6		RGB	IBGA-63
MT9V126IA3XTC-DP1	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	VGA	30	1/4 inch	Electronic Rolling	5.6 x 5.6		RGB	IBGA-63
MT9V126IA3XTC-DR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	VGA	30	1/4 inch	Electronic Rolling	5.6 x 5.6		RGB	IBGA-63
MT9V126IA3XTC-DR1	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	VGA	30	1/4 inch	Electronic Rolling	5.6 x 5.6		RGB	IBGA-63
MT9V126IA3XTC-TP	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	VGA	30	1/4 inch	Electronic Rolling	5.6 x 5.6		RGB	IBGA-63
MT9V126IA3XTC-TR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	VGA	30	1/4 inch	Electronic Rolling	5.6 x 5.6		RGB	IBGA-63

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