



## Product Overview

### MT9V127: 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)	Color	Package Type
MT9V127IA3XTC-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
MT9V127IA3XTC-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
MT9V127IA3XTC-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
MT9V127IA3XTC-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

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

Created on: 9/2/2015