

## Product Overview

### MT9V111: CMOS Image Sensor System-on-Chip, VGA, 1/4"

For complete documentation, see the data sheet.

This complete camera system-on-a-chip solution requires only a power supply, lens, and clock source for basic operation. With very low power consumption and variable functions, including gain, frame rate, and exposure, this sensor outputs high-quality images at high speeds and can be programmed through a simple two-wire serial interface.

### 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
MT9V111A7ATC-DP	Pb-free	Active	CMOS	VGA	90	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-52
	Halide free										
MT9V111A7ATC-DR	Pb-free	Active	CMOS	VGA	90	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-52
	Halide free										
MT9V111A7ATC-DR1	Pb-free	Active	CMOS	VGA	90	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-52
	Halide free										
MT9V111A7ATC-TP	Pb-free	Active	CMOS	VGA	90	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-52
	Halide free										
MT9V111A7ATC-TR	Pb-free	Active	CMOS	VGA	90	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-52
	Halide free										

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Created on: 8/20/2018