Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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
MT9V111IA7ATC-DP	Pb-free / Halide free	Active	CMOS	VGA	90	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-52
MT9V111IA7ATC-DR	Pb-free / Halide free	Active	CMOS	VGA	90	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-52
MT9V111IA7ATC-DR1	Pb-free / Halide free	Active	CMOS	VGA	90	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-52
MT9V111IA7ATC-TP	Pb-free / Halide free	Active	CMOS	VGA	90	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-52
MT9V111IA7ATC-TR	Pb-free / Halide free	Active	CMOS	VGA	90	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-52

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

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