

Product Overview

MT9V034: CMOS Image Sensor, Digital, Global Shutter, VGA, 1/3"

For complete documentation, see the data sheet.

ON Semiconductor's focus on pixel performance excellence provides the foundation for this sensor's exceptional image quality with superior color accuracy, low-light sensitivity, and low noise level. This cost-effective CMOS imaging solution enables high speed image capture capabilities, and includes variable functions, including gain, frame rate, and exposure while maintaining low power consumption.

Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Output Interface	Color	Package Type
MT9V034C12STC-DP	Pb-free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Parallel	RGB	CLCC-48
	Halide free								LVDS		
MT9V034C12STC-DP1	Pb-free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	LVDS	RGB	CLCC-48
	Halide free								Parallel		
MT9V034C12STC-DR	Pb-free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	LVDS	RGB	CLCC-48
	Halide free								Parallel		
MT9V034C12STM-DP	Pb-free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	LVDS	Mono	CLCC-48
	Halide free								Parallel		
MT9V034C12STM-DP1	Pb-free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Parallel	Mono	CLCC-48
	Halide free								LVDS		
MT9V034C12STM-DR	Pb-free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	LVDS	Mono	CLCC-48
	Halide free								Parallel		
MT9V034C12STM-DR1	Pb-free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Parallel	Mono	CLCC-48
	Halide free								LVDS		
MT9V034C12STM-TP	Pb-free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	LVDS	Mono	CLCC-48
	Halide free								Parallel		
MT9V034C12STM-TR	Pb-free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Parallel	Mono	CLCC-48
	Halide free								LVDS		

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

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