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

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

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