



Product Overview

MT9V023: VGA 1/3" GS CMOS Image Sensor

For complete documentation, see the data sheet

Product Description

The MT9V023 6um global shutter HDR pixel technology uniquely allows automotive cameras to “freeze” fast moving objects, and capture all scene detail under extreme lighting conditions. The MT9V023 enhanced NIR pixel process provides excellent image quality in very low-light night conditions.

Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Color	Package Type
MT9V023IA7XTC-DP	AEC Qualified PPAP Capable Pb-free Halide free	NEW	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	RGB	IBGA-52
MT9V023IA7XTC-DR	AEC Qualified PPAP Capable Pb-free Halide free	NEW	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	RGB	IBGA-52
MT9V023IA7XTC-TP	AEC Qualified PPAP Capable Pb-free Halide free	NEW	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	RGB	IBGA-52
MT9V023IA7XTC-TR	AEC Qualified PPAP Capable Pb-free Halide free	NEW	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	RGB	IBGA-52
MT9V023IA7XTM-DR	AEC Qualified PPAP Capable Pb-free Halide free	NEW	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Mono	IBGA-52
MT9V023IA7XTR-TP	AEC Qualified PPAP Capable Pb-free Halide free	NEW	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	RGB	IBGA-52

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

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