Product Overview

MT9V024: VGA 1/3" GS CMOS Image Sensor

For complete documentation, see the data sheet

Product Description

The MT9V024 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 MT9V024 enhanced NIR pixel process provides excellent image quality in very low-light night conditions.

Features

- High Dynamic Range

Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Color	Package Type
MT9V024IA7XTC-DP	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	RGB	IBGA-52
MT9V024IA7XTC-DR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	RGB	IBGA-52
MT9V024IA7XTC-DR1	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	RGB	IBGA-52
MT9V024IA7XTM-DP	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Mono	IBGA-52
MT9V024IA7XTM-DP1	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Mono	IBGA-52
MT9V024IA7XTM-DR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Mono	IBGA-52
MT9V024IA7XTM-DR1	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Mono	IBGA-52
MT9V024IA7XTM-TP	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Mono	IBGA-52
MT9V024IA7XTM-TR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Mono	IBGA-52
MT9V024IA7XTR-DP	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Other	IBGA-52
MT9V024IA7XTR-DP1	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Other	IBGA-52

MT9V024IA7XTR-DR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Other	IBGA-52
MT9V024IA7XTR-DR1	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Other	IBGA-52
MT9V024IA7XTR-TP	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Other	IBGA-52
MT9V024IA7XTR-TR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	WVGA	60	1/3 inch	Global Shutter	6.0 x 6.0	Other	IBGA-52

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

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