

Product Overview

MT9V024: CMOS Image Sensor, Digital, Global Shutter,VGA, 1/3"

[For complete documentation, see the data sheet.](#)

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

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

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

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

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