

# MT9V024

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

### Product Overview

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

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
MT9V024IA7XT C-DP			Active	CMOS		60	1/3 inch	Global Shutter	6.0 x 6.0	-	RGB	IBGA-52
MT9V024IA7XT C-DR			Active	CMOS		60	1/3 inch	Global Shutter	6.0 x 6.0	-	RGB	IBGA-52
MT9V024IA7XT M-DP			Active	CMOS		60	1/3 inch	Global Shutter	6.0 x 6.0	-	Mono	IBGA-52
MT9V024IA7XT M-DP1			Active	CMOS		60	1/3 inch	Global Shutter	6.0 x 6.0	-	Mono	IBGA-52
MT9V024IA7XT M-DR			Active	CMOS		60	1/3 inch	Global Shutter	6.0 x 6.0	-	Mono	IBGA-52
MT9V024IA7XT M-DR1			Active	CMOS		60	1/3 inch	Global Shutter	6.0 x 6.0	-	Mono	IBGA-52
MT9V024IA7XT M-TP			Active	CMOS		60	1/3 inch	Global Shutter	6.0 x 6.0	-	Mono	IBGA-52
MT9V024IA7XT M-TR			Active	CMOS		60	1/3 inch	Global Shutter	6.0 x 6.0	-	Mono	IBGA-52
MT9V024IA7XT R-TP			Active	CMOS		60	1/3 inch	Global Shutter	6.0 x 6.0	-	Other	IBGA-52
MT9V024IA7XT R-TR			Active	CMOS		60	1/3 inch	Global Shutter	6.0 x 6.0	-	Other	IBGA-52