



Product Overview

AP0101AT: 1 MP Co-Processor

For complete documentation, see the data sheet

Product Description

AP0101AT is a dedicated automotive image co-processor that enables flexible camera platforms using high performance ON Semiconductor megapixel high dynamic range (HDR) sensors. The two-chip solution of sensor and co-processor allows for multiple camera price and performance points with re-use of circuit board design, fast time to market and design flexibility. Sensor performance is enhanced by the reduction in heat resulting from a separate co-processor chip while at the same time enabling high performance features. The AP0101AT is ideal for Automotive Digital Surround View Systems. It works with ON Semiconductor's AR0132AT HDR automotive sensor.

Features

- High Dynamic Range

Applications

- Automotive

Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Color	Package Type
AP0101AT2L00XPGA0-AM-DR	AEC Qualified PPAP Capable Pb-free Halide free	NEW	CMOS	1.2	45				RGB and Mono	VFBGA-81
AP0101AT2L00XPGA0-AM-TR	AEC Qualified PPAP Capable Pb-free Halide free	NEW	CMOS	1.2	45				RGB and Mono	VFBGA-81
AP0101AT2L00XPGA0-DR	AEC Qualified PPAP Capable Pb-free Halide free	NEW	CMOS	1.2	45				RGB and Mono	VFBGA-81
AP0101AT2L00XPGA0-TR	AEC Qualified PPAP Capable Pb-free Halide free	NEW	CMOS	1.2	45				RGB and Mono	VFBGA-81
AP0101AT2L00XPGA0-TR-E	Pb-free Halide free	NEW	CMOS	1.2	45				RGB and Mono	VFBGA-81

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

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