

Product Overview

AP0201AT: Image Signal Processor, 2 MP

For complete documentation, see the data sheet.

AP0201AT 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 AP0201AT offers Ethernet output and supports up to 2 Megapixel sensors. This co-processor works with ON Semiconductor's AR0230AT, AR0132AT, AR0140AT and AR0136AT HDR automotive sensors, and is ideal for Ethernet surround view cameras.

Features

- HDR
- Ethernet

Applications

- Automotive

Part Electrical Specifications

Product	Compliance	Status	Frame Rate (fps)	Video	Output Format	Compatible Sensors	Package Type
AP0201AT2L00XEGA 0-DR	AEC Qualified	Active	30	1.2 MP/45 fps	MJPEG	AR0136AT	VFBGA-100
	PPAP Capable			1080p/30 fps	H.264	AR0140AT	
	Pb-free			720p/ 60 fps		AR0230AT	
	Halide free					AR0132AT	
AP0201AT2L00XEGA 0-TR	AEC Qualified	Active	30	1.2 MP/45 fps	MJPEG	AR0132AT	VFBGA-100
	PPAP Capable			720p/ 60 fps	H.264	AR0136AT	
	Pb-free			1080p/30 fps		AR0140AT	
	Halide free					AR0230AT	

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