

AP0202AT

Image Signal Processor, 2 MP

Product Overview

For complete documentation, see the data sheet.

AP0202AT is a dedicated automotive image co-processor that enables flexible camera platforms using high performance onsemi 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 AP0202AT includes a complete imaging color pipe and supports up to 2 Megapixel sensors. It offers parallel and OpenLDI output interfaces. This co-processor works with onsemi's AR0230AT, AR0132AT, AR0140AT and AR0136AT HDR automotive sensors, and is ideal for digital surround view cameras.

Features

- HDR

Applications

- Automotive

Part Electrical Specifications

Product	Status	Compliance	Frame Rate (fps)	Video	Output Format	Compatible Sensors	Package Type	Case Outline	MSL Type	MSL Temp (°C)	Container Type	Container Qty.
AP0202AT2L00 XPGA0-DR	Active	H Pb A P	30	1080p/30 fps 1.2 MP/45 fps 720p/60 fps	H.264 MJPEG	AR0132AT AR0136AT	VFBGA-100	138AH. PDF	3	260	JTRAY	2600
AP0202AT2L00 XPGA0-TR	Active	H Pb A P	30	1080p/30 fps 1.2 MP/45 fps 720p/60 fps	H.264 MJPEG	AR0136AT	VFBGA-100	138AH. PDF	3	260	REEL	3000