AP0201AT

Image Signal Processor, 2 MP

Product Overview

For complete documentation, see the data sheet.

AP0201AT 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 AP0201AT offers Ethernet output and supports up to 2 Megapixel sensors. This co-processor works with onsemi'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	Status	Compilance	Frame Rate (fps)	Video	Output Format	Compatible Sensors	Package Type	Case Outline	MSL Type	MSL Temp (°C)	Container Type	Container Qty.
AP0201AT2L00XEGA0-DR	Last Shipments		30	1080p/30 fps 1.2 MP/45 fps 720p/60 fps	H.264 MJPEG	AR0132AT AR0136AT AR0140AT AR0230AT	VFBGA-100	138AH.PDF	3	260	JTRAY	2600
AP0201AT2L00XEGA0-TR	Active		30	1080p/30 fps 1.2 MP/45 fps 720p/60 fps	H.264 MJPEG	AR0132AT AR0136AT AR0140AT AR0230AT	VFBGA-100	138AH.PDF	3	260	REEL	3000

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