Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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
AP0201AT2L00XEGA0-DR	AEC Qualified PPAP Capable Pb-free Halide free	Active	30	1.2 MP/45 fps 1080p/30 fps 720p/ 60 fps	MJPEG H.264	AR0136AT AR0140AT AR0230AT AR0132AT	VFBGA-100
AP0201AT2L00XEGA0-TR	AEC Qualified PPAP Capable Pb-free Halide free	Active	30	1.2 MP/45 fps 720p/ 60 fps 1080p/30 fps	MJPEG H.264	AR0132AT AR0136AT AR0140AT AR0230AT	VFBGA-100

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

Created on: 8/19/2018