



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!



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Product Overview

AP0202AT: Image Signal Processor, 2 MP

For complete documentation, see the data sheet.

AP0202AT 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 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 ON Semiconductor'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	Compliance	Status	Frame Rate (fps)	Video	Output Format	Compatible Sensors	Package Type
AP0202AT2L00XPGA 0-DR	AEC Qualified	Active	30	720p/60 fps	H.264	AR0132AT	VFBGA-100
	PPAP Capable			1080p/30 fps	MJPEG		
	Pb-free			1.2 MP/45 fps			
	Halide free						
AP0202AT2L00XPGA 0-TR	AEC Qualified	Active	30	1080p/30 fps	MJPEG	AR0136AT	VFBGA-100
	PPAP Capable			1.2 MP/45 fps	H.264		
	Pb-free			720p/60 fps			
	Halide free						

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

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