

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

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

Created on: 9/8/2020

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Image Sensors](#) category:

Click to view products by [ON Semiconductor](#) manufacturer:

Other Similar products are found below :

[KAF-16803-ABA-DD-BA](#) [KAI-08051-QBA-JD-BA](#) [AR0330CM1C00SHKA0-CP](#) [KAI-0340-FBA-CB-AA-SINGLE](#) [KAI-08051-ABA-JD-BA](#) [KAI-08051-FBA-JD-BA](#) [KAI-2020-ABA-CP-BA](#) [KAI-01150-FBA-FD-BA](#) [KAI-11002-ABA-CD-B2](#) [AR0331SRSC00SUCA0-DPBR](#) [AR0134CSSM00SUEA0-DRBR](#) [MT9V111IA7ATC-DR](#) [NOIP1SE025KA-GDI](#) [MT9V138C12STC-DP1](#) [KAI-08051-AXA-JP-BA](#) [KAI-04050-FBA-JB-B2](#) [KLI-8023-RAA-ED-AA](#) [MT9V136C12STC-DR1](#) [KAF-0402-ABA-CP-B2](#) [KLI-8023-AAA-ED-AA](#) [KAF-16200-FXA-CD-B2](#) [KAI-04050-AAA-JP-BA](#) [NOM02A4-AG01G](#) [NOM02A4-AR03G](#) [KAF-1603-AAA-CP-B2](#) [TCD1205DG\(8Z,W\)](#) [AR0135CS2M00SUD20](#) [KAF-1001-AAA-CP-B1](#) [KAI-0340-FBA-CB-AA-DUAL](#) [KAF-0402-ABA-CD-B2](#) [KAI-01050-FBA-JD-BA](#) [AR0134CSSC00SUEA0-DRBR](#) [OV02659-A47A](#) [28317](#) [AR0134CSSC00SUEA0-TPBR](#) [NOIP1SE0500A-QDI](#) [AR0330CM1C21SHKA0-CP](#) [AR0135AT2M00XUEA0-DPBR1](#) [KAI-0373-ABA-CB-AE](#) [MT9V034C12STM-DP1](#) [AR0130CSSC00SPBA0-DR1](#) [MT9P031I12STC-DR1](#) [AR0237CSSC00SPRA0-DR](#) [NOIP1SF0480A-SDI-E](#) [MT9V034C12STC-DP1](#) [AR0130CSSC00SPBA0-DP1](#) [TCD1103GFG\(8Z,AA\)](#) [CMV2000-2E5M1PP](#) [AR0330CM1C00SHAA0_DP](#) [MT9V032C12STM-DR](#)