



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Product Overview

AR0132AT: CMOS Image Sensor, 1.2 MP, 1/3"

For complete documentation, see the [data sheet](#).

ON Semiconductor's AR0132AT 1/3-inch CMOS digital image sensor with an active-pixel array of 1280H x 960V. It captures images in either linear or high dynamic range modes, with a rolling-shutter readout. It includes sophisticated camera functions such as auto exposure control, windowing, and both video and single frame modes. It is designed for both low light and high dynamic range scene performance. It is programmable through a simple two-wire serial interface. The AR0132AT produces extraordinarily clear, sharp digital pictures, and its ability to capture both continuous video and single frames makes it the perfect choice for a wide range of applications, including surveillance and HD video. This sensor is compatible with ON Semiconductor's automotive image co-processors which provides megapixel HDR image processing.

Features

- High Dynamic Range

Applications

- Automotive

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Output Interface	Color	Package Type
AR0132AT6B00XPD20	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	Mono RGB	
AR0132AT6B00XPW90	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	Other	
AR0132AT6C00XPD20	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	Mono RGB	
AR0132AT6C00XPEA0-DPBR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	RGB	IBGA-63
AR0132AT6C00XPEA0-DRBR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	RGB	IBGA-63
AR0132AT6C00XPEA0-DRBR1	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	RGB	IBGA-63
AR0132AT6C00XPEA0-TPBR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	RGB	IBGA-63
AR0132AT6C00XPEA0-TRBR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	RGB	IBGA-63
AR0132AT6C00XPW90	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	RGB	
AR0132AT6G00XPEA0-AA-DRBR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	Mono RGB	IBGA-63
AR0132AT6M00XPEA0-DPBR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	Mono	IBGA-63

AR0132AT6M00XPEA0-DRBR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	Mono	IBGA-63
AR0132AT6M00XPEA0-DRBR1	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	Mono	IBGA-63
AR0132AT6M00XPEA0-TPBR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	Mono	IBGA-63
AR0132AT6R00XPEA0-DRBR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	Other	IBGA-63
AR0132AT6R00XPEA0-DPBR1	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	Other	IBGA-63
AR0132AT6R00XPEA0-DRBR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	Other	IBGA-63
AR0132AT6R00XPEA0-DRBR1	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	Other	IBGA-63
AR0132AT6R00XPEA0-TB-DPBR	AEC Qualified PPAP Capable Pb-free Halide free	NEW									IBGA-63
AR0132AT6R00XPEA0-TPBR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	Other	IBGA-63
AR0132AT6R00XPEA0-TRBR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	Other	IBGA-63
AR0132AT6R00XPEA0-TRBR-E	Pb-free Halide free	Active	CMOS	1.2	60	1/3 inch	Electronic Rolling	3.75 x 3.75	-	RGB and Mono	IBGA-63

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

Created on: 8/20/2018