Product Overview

AR0134CS: 1.2 MP 1/3" GS CMOS Image Sensor

For complete documentation, see the data sheet

Product Description

ON Semiconductor's focus on pixel performance excellence provides the foundation for this sensor's exceptional image quality with superior performance.The sensor integrates ON Semiconductor's smallest, high performance global shutter technology for high speed image capture into a 1/3-inch optical format high definition (HD) device. The 3.75-micron global shutter pixel with exceptional low light performance can stop action without the artifacts typically associated with conventional rolling shutter pixels.

Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Output Interface	Color	Package Type
AR0134CSSC00SPCA0-DPBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		RGB	ILCC-48
AR0134CSSC00SPCA0-DRBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		RGB	ILCC-48
AR0134CSSC00SPCA0-TPBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		RGB	ILCC-48
AR0134CSSC00SPCA0-TRBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		RGB	ILCC-48
AR0134CSSC00SUEA0-DPBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		RGB	IBGA-63
AR0134CSSC00SUEA0-DPBR1	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		RGB	IBGA-63
AR0134CSSC00SUEA0-DRBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		RGB	IBGA-63
AR0134CSSC00SUEA0-TPBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		RGB	IBGA-63
AR0134CSSC00SUEA0-TRBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		RGB	IBGA-63
AR0134CSSC25SUEA0-DPBR	Pb-free Halide free	ProductPreview	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		RGB	IBGA-63
AR0134CSSC25SUEA0-DRBR	Pb-free Halide free	ProductPreview	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		RGB	IBGA-63
AR0134CSSC25SUEA0-TPBR	Pb-free Halide free	ProductPreview	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		RGB	IBGA-63
AR0134CSSC25SUEA0-TRBR	Pb-free Halide free	ProductPreview	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		RGB	IBGA-63
AR0134CSSM00SPCA0-DPBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		Mono	ILCC-48
AR0134CSSM00SPCA0-DPBR1	Pb-free Halide free	NEW									ILCC-48
AR0134CSSM00SPCA0-DRBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		Mono	ILCC-48
AR0134CSSM00SPCA0-TPBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		Mono	ILCC-48
AR0134CSSM00SPCA0-TRBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		Mono	ILCC-48
AR0134CSSM00SUEA0-DPBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		Mono	IBGA-63
AR0134CSSM00SUEA0-DPBR1	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Rolling	3.75 x 3.75		Mono	IBGA-63
AR0134CSSM00SUEA0-DRBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		Mono	IBGA-63
AR0134CSSM00SUEA0-TPBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		Mono	IBGA-63
AR0134CSSM00SUEA0-TRBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		Mono	IBGA-63
AR0134CSSM25SPCA0-TPBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		Mono	ILCC-48
AR0134CSSM25SUEA0-DPBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		Mono	IBGA-63
AR0134CSSM25SUEA0-DRBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		Mono	IBGA-63
AR0134CSSM25SUEA0-MT-DPBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		Mono	IBGA-63

AR0134CSSM25SUEA0-TPBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		Mono	IBGA-63
AR0134CSSM25SUEA0-TRBR	Pb-free Halide free	Active	CMOS	1.2	54	1/3 inch	Global Shutter	3.75 x 3.75		Mono	IBGA-63

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

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