

Product Overview

AR0130CS: CMOS Image Sensor, 1.2 MP, 1/3"

For complete documentation, see the data sheet.

This 1/3-inch optical format HD (720p/60fps) sensor provides high performance with its proven 3.75- μ m pixel for mainstream surveillance cameras. The sensor enables OEMs to create cameras with day/night operating modes due to the low light (0 lux) sensing capabilities of the pixel that was engineered for enhanced near infrared (NIR) detection. For NIR applications the sensor provides increased sensitivity to lessen LED lighting requirements.

Applications

- Camera
- Security
- Scanning

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (μ m)	Output Interface	Color	Package Type
AR0130CSSC00SPCA0-DPBR		Pb-free Halide free non AEC-Q and PPAP	Active	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	ILCC-48
AR0130CSSC00SPCA0-DPBR1		Pb-free Halide free non AEC-Q and PPAP	Active	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	ILCC-48
AR0130CSSC00SPCA0-DRBR		Pb-free Halide free non AEC-Q and PPAP	Active	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	ILCC-48
AR0130CSSC00SPCA0-DRBR1		Pb-free Halide free non AEC-Q and PPAP	Active	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	ILCC-48
AR0130CSSM00SPCA0-DPBR		Pb-free Halide free non AEC-Q and PPAP	Active									ILCC-48
AR0130CSSM00SPCA0-DPBR1		Pb-free Halide free non AEC-Q and PPAP	Active									ILCC-48
AR0130CSSM00SPCA0-DRBR		Pb-free Halide free non AEC-Q and PPAP	Active	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	Mono	ILCC-48
AR0130CSSM00SPCA0-DRBR1		Pb-free Halide free non AEC-Q and PPAP	Active	CMOS	1	45	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	ILCC-48
AR0130CSSM00SPCA0-DRBR2		Pb-free Halide free non AEC-Q and PPAP	Active									ILCC-48

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

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