

AR0130CS

CMOS Image Sensor, 1.2 MP, 1/3"

Product Overview

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	Status	Compliance	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (μ m)	Output Interface	Color	Package Type	MSL	Msl Temp
AR0130CSSC00 SPBA0-DR	Last Shipments		CMOS	1.0	45.0	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	PLCC-48	4	240
AR0130CSSC00 SPBA0-DP	Last Shipments		CMOS	1.0	45.0	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	PLCC-48	4	240
AR0130CSSM0 OSUD20	Last Shipments		CMOS	1.0	45.0	1/3 inch	Electronic Rolling	3.75 x 3.75	Multi	Mono	-	NA	0
AR0130CSSC00 SPBA0-DR1	Last Shipments		CMOS	1.0	45.0	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	PLCC-48	4	240
AR0130CSSC00 SPCA0-DRBR1	Last Shipments		CMOS	1.0	45.0	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	ILCC-48	4	260
AR0130CSSM0 OSPA0-DRBR	Active		CMOS	1.0	45.0	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	Mono	ILCC-48	4	260
AR0130CSSC00 SPCA0-DRBR	Last Shipments		CMOS	1.0	45.0	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	ILCC-48	4	260
AR0130CSSC00 SPCA0-DPBR1	Obsolete		CMOS	1.0	45.0	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	ILCC-48	4	260
AR0130CSSM0 OSPA0-DRBR1	Lifetime		CMOS	1.0	45.0	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	ILCC-48	4	260
AR0130CSSC00 SPCA0-DPBR	Active		CMOS	1.0	45.0	1/3 inch	Electronic Rolling	3.75 x 3.75	Parallel	RGB	ILCC-48	4	260