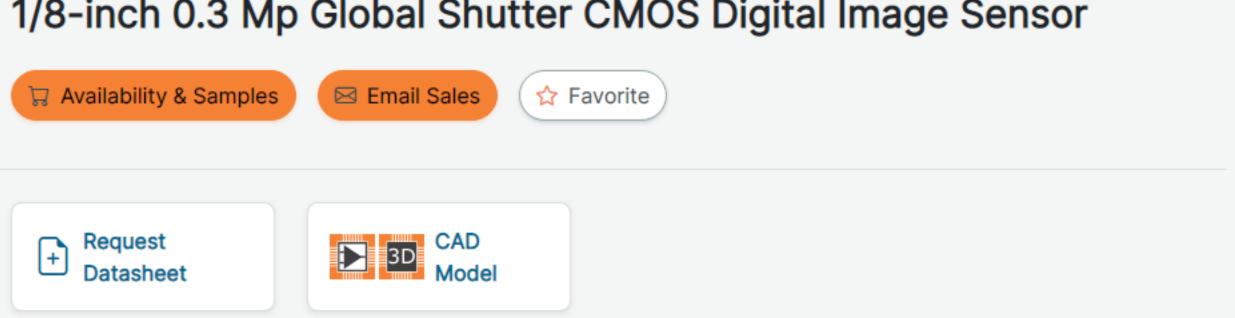


Image Sensors | ARX383CS

> Show Side Navigation

1/8-inch 0.3 Mp Global Shutter CMOS Digital Image Sensor



Overview

Evaluation/Development Kits

Technical Documentation

Design Tools

Overview

The ARX383CS is a 1/8-inch 0.3Mp VGA CMOS digital image sensor with an active-pixel array of 640 × 480. It incorporates an innovative global shutter pixel design optimized for accurate and fast capture of moving scenes at 120 frame per second, full resolution. The sensor produces clear, low noise images in both low-light and bright scenes. It includes sophisticated camera functions such as adjustable auto-exposure control, auto black-level correction, windowing, skipping, pixel-binning, and, both video & single frame modes. It is programmable through a simple two-wire serial interface. The ARX383CS produces clear, sharp digital pictures with an industry leading Global Shutter Efficiency, and its ability to capture both continuous video and single frames makes it the perfect choice for a wide range of applications, including scanning, autonomous mobilty, AR/VR, AloT and industrial quality control.

Product Overview	
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> Applications > End Products > Features Material Composition Product Change Notification

Availability & Samples

Q Search Table		× Products: 6			Columns	olumns Sort by Product		
)	Product ↑	Status	CAD Models	Compliance (2)	Package Type	Case Outline	MSL Type	MSL Temp (°C)
	ARX383CSSM28SMKA0- CR	Active		Pb A H P	ODCSP35 3.922×3.556	570CU	4	250
	ARX383CSSM28SMKA0- CP	Active		Pb A H P	ODCSP35 3.922×3.556	570CU	4	250
	ARX383CSSM00SMD20	Active		Pb A H P	-	-	NA	0
	ARX383CSSM28SMD20	Active		Pb A H P	-	-	NA	0
	ARX383CSSM00SMKA0- CP	Active		Pb A H P	ODCSP35 3.922×3.556	570CU	4	250
)	ARX383CSSM00SMKA0- CR	Active		Pb A H P	ODCSP35 3.922×3.556	570CU	4	250

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