



CMOS CAMERA MODULES

your BEST camera module partner

KLT-C1PF-ASX340CS V1.0

**On-Semi ASX340CS DVP Parallel Interface Fixed Focus 0.3MP VGA M12
Camera Module**



Camera Module No.	KLT-C1PF-ASX340CS V1.0
Image Sensor	ASX340CS
EFL	2.5 mm
F.NO	2.1
Pixel	640 X 480
View Angle	120°
Lens Type	1/4 inch
Lens Dimensions	13.7 x 13.7 x 19.03 mm
Module Size	40 x 22 mm
Module Type	Fixed Focus
Interface	DVP Parallel
IMT Lens Model	IMT-1B12B002-6

Mating Connector Part No. AXE540124



Mating Connector On Main Board. Sold Separately.

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Product Overview

ASX340CS: VGA 1/4" CMOS Image Sensor System-on-Chip

For complete documentation, see the data sheet.

ON Semiconductor's focus on pixel performance excellence enables the built-in advantages of having a high quality image sensor at the core of this SOC (System-on-Chip). ON Semiconductor's SOC's provide a variety of camera functions including auto focus, auto white balance, and auto exposure. The ASX340CS SOC is ideally suited for applications such as CCTV cameras and aftermarket automotive rear-view cameras. It provides performance-focused features and SOC processing that provides integrators with the ability to design rear view camera systems without the need for additional processing chips.

Applications

- Security

Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Output Interface	Color	Package Type
ASX340CS2C00SPED 0-DPBR	Pb-free Halide free	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	Parallel	RGB	IBGA-63
ASX340CS2C00SPED 0-DRBR	Pb-free Halide free	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	Parallel	RGB	IBGA-63
ASX340CS2C00SPED 0-TPBR	Pb-free Halide free	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	Parallel	RGB	IBGA-63
ASX340CS2C00SPED 0-TRBR	Pb-free Halide free	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	Parallel	RGB	IBGA-63
ASX340CS2C00SPED 0-WT-DRBR	Pb-free Halide free	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	Parallel	RGB	IBGA-63

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

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