ASX340AT

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

Product Overview

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 SOCs provide a variety of camera functions including auto focus, auto white balance, and auto exposure. The ASX340AT SOC is ideally suited for applications such as rear view cameras, blind spot monitoring and surround view. 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

- Automotive

Part Electrical Specifications

Product	Pricing ($/Unit)	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Output Interface	Color	Package Type
ASX340AT2C00XPED0-DPBR		A P Pb H	Active	CMOS		60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
ASX340AT2C00XPED0-DPBR1		A P Pb H	Active	CMOS		60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
ASX340AT2C00XPED0-DRBR		A P Pb H	Active	CMOS		60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
ASX340AT2C00XPED0-DRBR1		A P Pb H	Active	CMOS		60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
ASX340AT2C00XPED0-TPBR		A P Pb H	Active	CMOS		60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
ASX340AT2C00XPED0-TRBR		A P Pb H	Active	CMOS		60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
ASX340AT3C00XPED0-DPBR		A P Pb H	Active	CMOS		60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
ASX340AT3C00XPED0-DPBR-E		Pb H	Active	CMOS		60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
ASX340AT3C00XPED0-KP-DPBR		A P Pb H	Active	CMOS		60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63