

Product Overview

ASX340AT: CMOS Image Sensor System-on-Chip, VGA, 1/4"

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 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

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Output Interface	Color	Package Type
ASX340AT2C00XPED0-DPBR	AEC Qualified	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
	PPAP Capable										
	Pb-free										
	Halide free										
ASX340AT2C00XPED0-DPBR1	AEC Qualified	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
	PPAP Capable										
	Pb-free										
	Halide free										
ASX340AT2C00XPED0-DRBR	AEC Qualified	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
	PPAP Capable										
	Pb-free										
	Halide free										
ASX340AT2C00XPED0-DRBR1	AEC Qualified	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
	PPAP Capable										
	Pb-free										
	Halide free										
ASX340AT2C00XPED0-TPBR	AEC Qualified	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
	PPAP Capable										
	Pb-free										
	Halide free										
ASX340AT2C00XPED0-TRBR	AEC Qualified	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
	PPAP Capable										
	Pb-free										
	Halide free										
ASX340AT3C00XPED0-DPBR	AEC Qualified	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
	PPAP Capable										
	Pb-free										
	Halide free										
ASX340AT3C00XPED0-DPBR-E	Pb-free Halide free	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
ASX340AT3C00XPED0-DRBR-E	Pb-free Halide free	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
ASX340AT3C00XPED0-KP-DPBR	AEC Qualified	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
	PPAP Capable										
	Pb-free										
	Halide free										
ASX340AT3C00XPKA0-CP	AEC Qualified	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	ODCSP-63
	PPAP Capable										
	Pb-free										
	Halide free										
ASX340AT3C00XPKA0-CR	AEC Qualified	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	ODCSP-63
	PPAP Capable										
	Pb-free										
	Halide free										
ASX340CS2C00SPED0-DPBR1	Pb-free	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63
	Halide free										
ASX340CS2C00SPED0-DRBR1	Pb-free Halide free	Active	CMOS	VGA	60	1/4 inch	Electronic Rolling	5.6 x 5.6	-	RGB	IBGA-63

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