Product Overview

MT9V127: VGA 1/4" System-on-Chip

For complete documentation, see the data sheet

Product Description

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. SOC is a cost-effective, compact, one-chip solution providing exceptional image quality and ease of integration which can lower overall system costs and speed time to market.

Applications

- Automotive

Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Color	Package Type
MT9V127IA3XTC-DP	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	VGA	30	1/4 inch	Electronic Rolling	5.6 x 5.6	RGB	IBGA-63
MT9V127IA3XTC-DP1	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	VGA	30	1/4 inch	Electronic Rolling	5.6 x 5.6	RGB	IBGA-63
MT9V127IA3XTC-DR	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	VGA	30	1/4 inch	Electronic Rolling	5.6 x 5.6	RGB	IBGA-63
MT9V127IA3XTC-DR1	AEC Qualified PPAP Capable Pb-free Halide free	Active	CMOS	VGA	30	1/4 inch	Electronic Rolling	5.6 x 5.6	RGB	IBGA-63

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FOD3120SDV NCV7344AD10R2G 1N5344BRLG 74LCX244WM MC74LVX244DWR2G MMSZ5255BT1G MMVL2101T1G SBAT54CWT1G-M02 ESD9X7.0ST5G LM2901MX MC34161DG CAV25M01YE-GT3 FDMS86202 RB751V40T1G SVC704-TL-E BAS19LT3G CAT823TTDI-GT3 FAN3229TMX-F085 NTS2101PT1G 1N4749ATR 74ABT541CMTC MC14538BDTR2G QT7810X FDMC86261P MC7815CTG MVMBF0201NLT1G NCV20072DR2G NCV431BSNT1G NL17SZ126DFT2G NTS4101PT1G