



Product Overview

MT9V128: 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 |
|-------------------|---|--------|------|------------|------------------|----------------|--------------------|-----------------|-------|--------------|
| MT9V128IA3XTC-DP | AEC Qualified PPAP Capable Pb-free Halide free | Active | CMOS | VGA | 60 | 1/4 inch | Electronic Rolling | 5.6 x 5.6 | RGB | IBGA-63 |
| MT9V128IA3XTC-DP1 | AEC Qualified PPAP Capable Pb-free Halide free | Active | CMOS | VGA | 60 | 1/4 inch | Electronic Rolling | 5.6 x 5.6 | RGB | IBGA-63 |
| MT9V128IA3XTC-DR | AEC Qualified PPAP Capable Pb-free Halide free | Active | CMOS | VGA | 60 | 1/4 inch | Electronic Rolling | 5.6 x 5.6 | RGB | IBGA-63 |
| MT9V128IA3XTC-DR1 | AEC Qualified PPAP Capable Pb-free Halide free | Active | CMOS | VGA | 60 | 1/4 inch | Electronic Rolling | 5.6 x 5.6 | RGB | IBGA-63 |
| MT9V128IA3XTC-TP | AEC Qualified PPAP Capable Pb-free Halide free | Active | CMOS | VGA | 60 | 1/4 inch | Electronic Rolling | 5.6 x 5.6 | RGB | IBGA-63 |
| MT9V128IA3XTC-TR | AEC Qualified PPAP Capable 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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