

Product Overview

MT9V125: 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. 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) | Output Interface | Color | Package Type |
|-------------------|---------------|--------|------|------------|------------------|----------------|--------------------|-----------------|------------------|-------|--------------|
| MT9V125IA7XTC-DP | AEC Qualified | Active | CMOS | VGA | 30 | 1/4 inch | Electronic Rolling | 5.6 x 5.6 | - | RGB | IBGA-52 |
| | PPAP Capable | | | | | | | | | | |
| | Pb-free | | | | | | | | | | |
| | Halide free | | | | | | | | | | |
| MT9V125IA7XTC-DR | AEC Qualified | Active | CMOS | VGA | 30 | 1/4 inch | Electronic Rolling | 5.6 x 5.6 | - | RGB | IBGA-52 |
| | PPAP Capable | | | | | | | | | | |
| | Pb-free | | | | | | | | | | |
| | Halide free | | | | | | | | | | |
| MT9V125IA7XTC-DR1 | AEC Qualified | Active | CMOS | VGA | 30 | 1/4 inch | Electronic Rolling | 5.6 x 5.6 | - | RGB | IBGA-52 |
| | PPAP Capable | | | | | | | | | | |
| | Pb-free | | | | | | | | | | |
| | Halide free | | | | | | | | | | |
| MT9V125IA7XTC-TR | AEC Qualified | Active | CMOS | VGA | 30 | 1/4 inch | Electronic Rolling | 5.6 x 5.6 | - | RGB | IBGA-52 |
| | PPAP Capable | | | | | | | | | | |
| | Pb-free | | | | | | | | | | |
| | Halide free | | | | | | | | | | |

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

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