# Product Overview

## MT9V111: CMOS Image Sensor System-on-Chip, VGA, 1/4"

For complete documentation, see the data sheet.

This complete camera system-on-a-chip solution requires only a power supply, lens, and clock source for basic operation. With very low power consumption and variable functions, including gain, frame rate, and exposure, this sensor outputs high-quality images at high speeds and can be programmed through a simple two-wire serial interface.

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MT9V111IA7ATC-DR | | Pb-free<br>Halide free | Active | CMOS | VGA | 90 | 1/4 inch | Electronic Rolling | 5.6 x 5.6 | - | RGB | IBGA-52 |
| MT9V111IA7ATC-DR1 | | Pb-free<br>Halide free | Active | CMOS | VGA | 90 | 1/4 inch | Electronic Rolling | 5.6 x 5.6 | - | RGB | IBGA-52 |
| MT9V111IA7ATC-TR | | Pb-free<br>Halide free | Active | CMOS | VGA | 90 | 1/4 inch | Electronic Rolling | 5.6 x 5.6 | - | RGB | IBGA-52 |

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

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