

Product Overview

MT9J003: CMOS Image Sensor, 10 MP, 1"

For complete documentation, see the data sheet.

ON Semiconductor's focus on pixel performance excellence provides the foundation for this sensor's exceptional image quality with superior color accuracy, low-light sensitivity, and low noise level. This cost-effective CMOS imaging solution enables high speed image capture capabilities, and includes variable functions, including gain, frame rate, and exposure while maintaining low power consumption.

Applications

- Industrial

| 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 |
| MT9J003H12STCU-DP | | Pb-free Halide free non AEC-Q and PPAP | Active | CMOS | 10 | 7.5 | 1/2.3 inch | Electronic Rolling and Global Reset Release | 1.67 x 1.67 | - | RGB | ILCC-48 |
| MT9J003H12STCU-DR | | Pb-free Halide free non AEC-Q and PPAP | Active | CMOS | 10 | 7.5 | 1/2.3 inch | Electronic Rolling and Global Reset Release | 1.67 x 1.67 | - | RGB | ILCC-48 |
| MT9J003H12STCV2-DP | | Pb-free Halide free non AEC-Q and PPAP | Active | CMOS | 10 | 7.5 | 1/2.3 inch | Electronic Rolling and Global Reset Release | 1.67 x 1.67 | - | RGB | ILCC-48 |
| MT9J003H12STCV2-TB-DP | | Pb-free Halide free non AEC-Q and PPAP | Active | CMOS | 10 | 7.5 | 1/2.3 inch | Electronic Rolling and Global Reset Release | 1.67 x 1.67 | - | RGB | ILCC-48 |
| MT9J003H12STCV2-TB-TP | | Pb-free Halide free non AEC-Q and PPAP | Active | CMOS | 10 | 7.5 | 1/2.3 inch | Electronic Rolling and Global Reset Release | 1.67 x 1.67 | - | RGB | ILCC-48 |
| MT9J003H12STCV2-TP | | Pb-free Halide free non AEC-Q and PPAP | Active | CMOS | 10 | 7.5 | 1/2.3 inch | Electronic Rolling and Global Reset Release | 1.67 x 1.67 | - | RGB | ILCC-48 |
| MT9J003H12STMU-DP | | Pb-free Halide free non AEC-Q and PPAP | Active | CMOS | 10 | 7.5 | 1/2.3 inch | Electronic Rolling and Global Reset Release | 1.67 x 1.67 | - | Mono | ILCC-48 |
| MT9J003H12STMV-DP | | Pb-free Halide free non AEC-Q and PPAP | Active | CMOS | 10 | 7.5 | 1/2.3 inch | Electronic Rolling and Global Reset Release | 1.67 x 1.67 | - | Mono | ILCC-48 |
| MT9J003H12STMV-TB-DP | | Pb-free Halide free non AEC-Q and PPAP | Active | CMOS | 10 | 7.5 | 1/2.3 inch | Electronic Rolling and Global Reset Release | 1.67 x 1.67 | - | Mono | ILCC-48 |

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

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