

**KLT-M9K-MT9M114 V2.0****On Semi MT9M114 DVP Parallel Interface Fixed Focus 1.3MP Camera Module**

<b>Camera Module No.</b>	<b>KLT-M9K-MT9M114 V2.0</b>
<b>Image Sensor</b>	MT9M114
<b>EFL</b>	2.0 mm
<b>F.NO</b>	2.4
<b>Pixel</b>	1296 x 976
<b>View Angle</b>	79.5°
<b>Lens Type</b>	1/6 inch
<b>Lens Dimensions</b>	6.00 x 6.00 x 3.70 mm
<b>Module Size</b>	19.50 x 12.50 mm
<b>Module Type</b>	Fixed Focus
<b>Interface</b>	DVP Parallel

**Mating Connector Part No. FH12-24S-0.5SH**

Mating Connector On Main Board. Sold Separately.

## Product Overview

### MT9M114: 1 MP 1/6" System-on-Chip

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 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

- Mobile

### Part Electrical Specifications

Product	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Output Interface	Color	Package Type
MT9M114EBLSTCZ-CR	Pb-free Halide free	Active	CMOS	1.3	30	1/6 inch	Electronic Rolling	1.9 x 1.9	Parallel MIPI	RGB	ODCSP-55
MT9M114EBLSTCZ-CR1	Pb-free Halide free	Active	CMOS	1.3	30	1/6 inch	Electronic Rolling	1.9 x 1.9	Parallel MIPI	RGB	ODCSP-55

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

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