

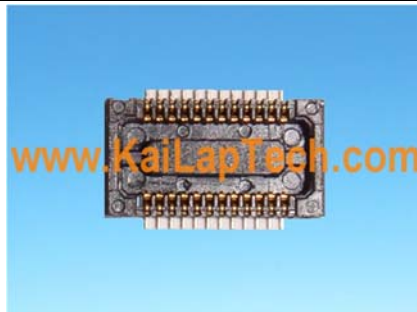
KLT-E3MPF-OV9281 V1.0 NIR

**OmniVision OV9281 Obturador Global MIPI e DVP Paralelo Interface
Foco Fixo 1MP Módulo de Câmera
No IR Filter Lens**



Módulo de câmara No.	KLT-E3MPF-OV9281 V1.0 NIR
Sensor de imagem	OV9281
EFL	3.20 mm
F.NO	2.8
Pixel	1296 x 816
Ângulo de visão	70°
Tipo de lente	1/4 polegada, No IR Filter Lens
Dimensões da lente	8.50 x 8.50 x 4.75 mm
Tamanho do Módulo	24.00 x 8.50 mm
Tipo de Módulo	Foco Fixo
Interface	MIPI e DVP Paralelo
Modelo de lente IMT	IMT-2A6E003-N

Acasalamento Parte conector No. DF30FC-24DS-0.4V



Conector de acoplamento na placa principal. Vendido separadamente.



OV9281-OV9282 1-megapixel product brief



1-Megapixel OmniPixel3-GS™ Sensors for Computer Vision Applications



available in a lead-free package

OmniVision's OV9281 and OV9282 are high-speed global shutter image sensors that bring 1-megapixel resolution to a wide range of consumer and industrial computer vision applications, including augmented reality (AR), virtual reality (VR), collision avoidance in drones, bar code scanning and factory automation. Built on OmniVision's OmniPixel3-GS™ pixel technology, the OV9281 and OV9282 feature a high-speed global shutter pixel with best-in-class near-infrared (NIR) quantum efficiency (QE) to meet high-resolution and low-latency requirements.

Special features of the OV9281 and OV9282 include region of interest (ROI) selection and context switching. This allows some of the camera settings to change dynamically as fast as alternating frames. The sensors are available in both narrow and wide chief ray angle (CRA) settings.

The 1/4-inch OV9281 and OV9282 capture 1280 x 800 resolution images at 120 frames per second (fps) and VGA resolution at 180 fps with 2-lane MIPI and DVP output. The OV9281 and OV9282 also feature support for frame synchronization and dynamic defective pixel correction.

The OV9281 has a chief ray angle (CRA) of 9 degrees and comes in a chip scale package (CSP). The OV9282 features a CRA of 27 degrees and is available in a reconstructed wafer (RW) format. Both sensors are currently available in volume production.

Find out more at www.ovt.com.



