



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



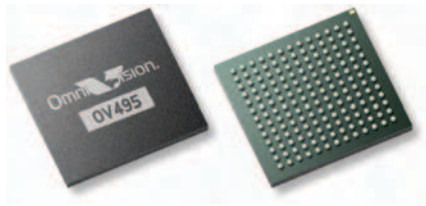
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OV495 companion HDR image processor for automotive applications product brief



available in
a lead-free
package

High Performance Image Signal Processor Companion Chip for Automotive Imaging

OmniVision's OV495 is an image signal processor (ISP) companion chip that pairs with OmniVision's family of automotive RAW image sensors for advanced automotive imaging applications. The OV495 enables electronic distortion and perspective correction without video compression artifacts, making it an ideal ISP solution for next generation rear view camera and camera monitor system (CMS) applications. The OV495 is compatible with OmniVision's OX03A, OX02A, OV2775, OV10650, and OV10640 automotive image sensors.

The OV495 can process video streams of up to two megapixels in resolution at a maximum of 60 frames per second (fps), with distortion and perspective correction

to enable different viewing modes and angles. The OV495 also supports overlay capability for features, such as parking guidance, to enable high-performance vision systems.

The OV495 comes in an AEC-Q100 Grade 2-qualified 7 x 7 mm BGA package and contains an advanced set of safety mechanisms to enable ASIL rated camera systems.

Find out more at www.ovt.com.



