



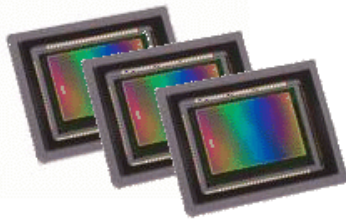
AVF-31 Camera Design Kit for the Foveon F13 Image Sensor

A Foveon Certified Value Added Reseller

Product Information

The AVF-31 Camera Design Kit includes all of the essentials required to design a camera using the Foveon F13 Direct Image sensor.

The Kit Includes:

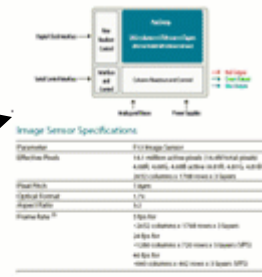
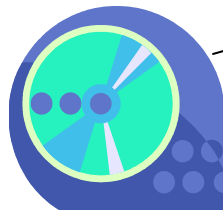


Three sensors

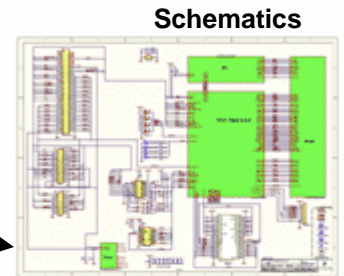


The AVF-31 Camera Design Kit supports designs based on the Foveon reference design included with the kit or completely new designs incorporating your own best practices.

A comprehensive set of documentation



Specifications

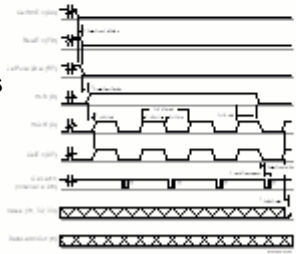


Schematics

Six months of e-mail support



Timing Diagrams

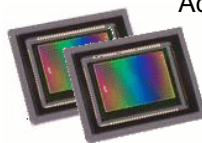


Algorithms

Accessories Available



100-pin clamshell socket for prototyping. Allows insertion and removal of sensors without soldering.



Additional sensors



Software modules for post-processing and control

Alternative Vision is the only organization trained by Foveon to assist in the development of cameras for Foveon X3 Direct Image Sensors and supported by the Foveon technical staff to facilitate rapid design of cameras with maximized performance.



Terms and Conditions of Sale

Contents of the AVF-31 Kit

The AVF-31 Camera Design Kit (CDK) consists of the following three items:

1. Three (3) Foveon X3 F13 Direct Image Sensors individually packaged. These are grade 1 devices with AR/AR windows.
2. A documentation package on CD-ROM including a reference design, a design manual, sensor data sheets and application notes and addenda as they become available. Software to read all documents is included on the CD-ROM.
3. Assistance in learning the characteristics and requirements of the F13 sensor, in determining sources of difficulties in obtaining proper sensor operation and in implementing required post-processing algorithms. Support continues for 6 months from the date of delivery of the CDK.

Ordering Information

Please request a quotation for AVC part number 8300-0001-01-00. Offers to sell are made only by quotation.

Typical leadtime for the AVF-31 CDK is 4 weeks after receipt of payment. Deliveries may be delayed by limitations in the quantity of sensor available. Actual delivery dates will be provided at the time of quotation.

Standard Terms

AVC Standard Terms and Conditions of Sale apply to purchases of this kit. Terms are subject to change without notice. This merchandise is not returnable and any amounts paid are not refundable. All goods shipped internationally will be documented in accordance with applicable US export regulations.

Camera Designs

AVC does not guarantee that the AVF-31 CDK is sufficient to assure that any customer can execute a successful camera design. Potential customers are encouraged to thoroughly study the sensor documentation and if they so choose, to acquire an existing product using the F13 image sensor to improve familiarity with its characteristics and limitations.

Camera design with the AVF-31 CDK should be attempted only by experienced camera designers. CMOS sensors are complex to operate and the F13 is a particularly complex example.

Assistance in circuit design is not included in the support package. Should this be required, AVC can arrange contact with a qualified camera designer.

Sensor Replacement

All sensors are tested for proper operation before shipment. Non-operating or incorrectly operating sensors will not be replaced unless AVC determines that any failure was due to a manufacturing defect.

Sensor Purchase Credit

For customers in good standing, AVC will deduct five percent (5%) from the net sensor invoice price for Foveon F13 image sensor purchases from AVC during the first two years after the delivery date of the AVF-31 CDK up to a total discount equal to seventy percent (70%) of the original AVF-31 net invoice price.

Additional Charges

The price for the AVF-31 CDK does not include taxes, duty, freight, insurance, brokerage fees or any other charges imposed by third parties. All such amounts are the responsibility of the purchaser.

Purchasing the AVF-31 Camera design kit requires execution of a non-disclosure agreement covering confidential documents supplied by Foveon, Inc.

For further information:

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