

PIC32 VGA Camera Sensor PICTail™ Plus

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Part Number: AC164150

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The PIC32 VGA Camera Sensor (VCS) PICTail™ Plus (AC164150) is a demonstration board for evaluating Microchip Technology's basic surveillance and vision solutions using 32-bit microcontrollers. It can capture & process 8-bit gray scale or color images with up to 640x480 resolution. It interfaces to the I/O expansion board (DM320002) with PIC32 starter kits (DM320004 or DM320003-2), Graphics Controller PICTail™ Plus Epson S1D13517 Board (AC164127-7) and Graphics Display Truly 5.7" 640x480 Board (AC164127-8).


[Features](#)
[Package Contents](#)

- 640x480 VGA Color CMOS Sensor on our standard PICTail™ plus form factor
- Based on the Omnivision OVM7690 CameraCubeChip™
- Convenient test points for video sync and clock sync
- Jumper configurable for display out or image transport over Ethernet
- Typical Applications include Image capture, Processing and Connectivity

Note: When using the PIC32 Ethernet Starter kit (DM320004), an external crystal needs to be attached to (Y1) on the board

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Documents	Last Updated	Size	
PIC32 VGA Camera Sensor Demo	5/5/2014 4:32:36 PM	3MB	
PIC32 VGA Camera Info Sheet	1/10/2013 5:14:25 PM	54KB	
VGA Camera Sensor Demo	1/9/2013 10:15:16 AM	3MB	