

The PicoZed™ Embedded Vision Development Kit builds on the PicoZed SOM by adding video specific interfaces. The kit includes hardware, software and IP components necessary for the development of custom video applications.

The development kit includes the PicoZed 7030 SOM, the PicoZed FMC Carrier V2, in addition to the HDMI input/output FMC module with camera connector, as well as the PYTHON-1300 camera module. The kit also includes a voucher for an SDSoc™ development environment from Xilinx, which provides a C/C++ ASSP-like programming experience to improve productivity for system architecture definition and application development.

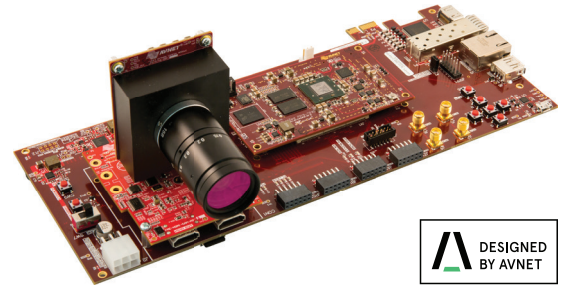
## FEATURES

- PicoZed 7030 SOM
- PicoZed FMC Carrier V2
- FMC-HDMI-CAM FMC module, including:
  - HDMI Input (based on ADI ADV7611)
  - HDMI output (based on ADI ADV7511)
  - Camera connector (for optional camera modules)
- PYTHON-1300-C camera module, including:
  - PYTHON-1300 Color Image Sensor
  - Lens holder
  - Lens (C-mount, 2/3" optical size, 8 mm)
  - IR cut filter

## TARGET APPLICATIONS

- Video Analytics
- Machine Vision
- Medical Imaging
- Video Surveillance
- Advanced Driver Assistance Systems

To purchase this kit, visit [www.picozed.org/pz-embvkit](http://www.picozed.org/pz-embvkit)



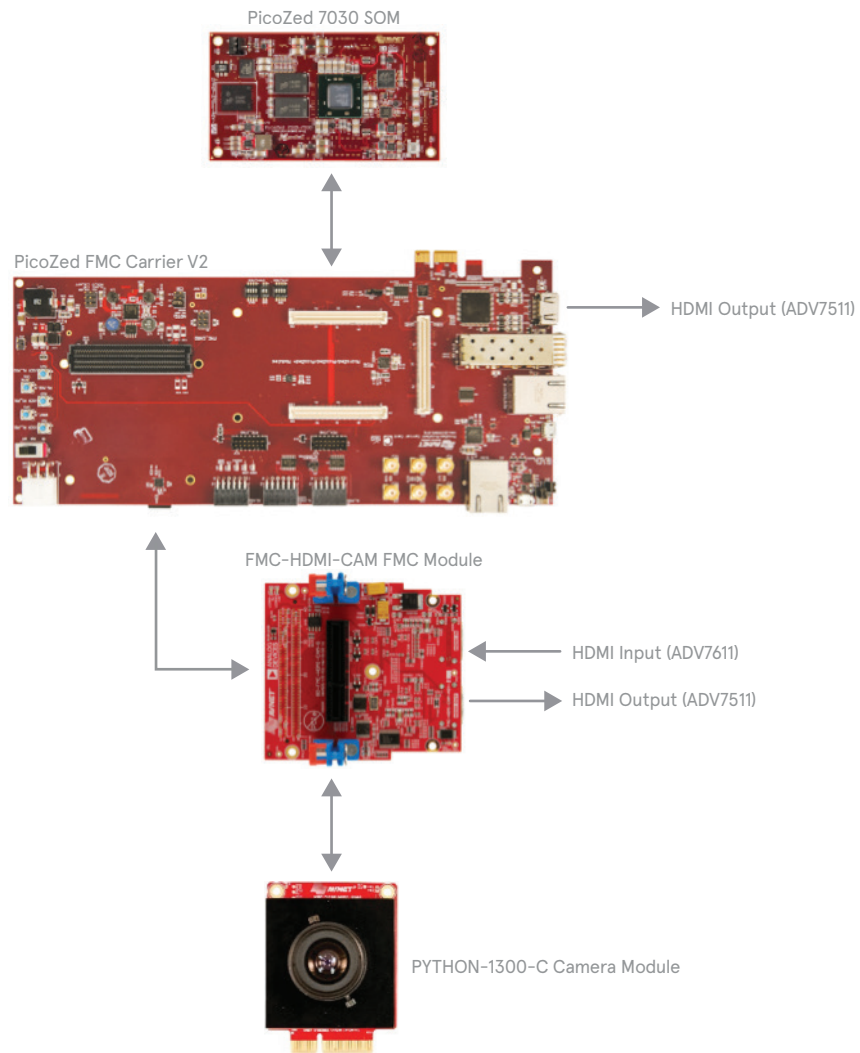
COMPATIBLE WITH

**/PICOZED™**

## KIT INCLUDES

- SDSoc development environment voucher
- PicoZed 7030
- PicoZed FMC carrier V2
- FMC-HDMI-CAM FMC module
- PYTHON-1300-C camera module
- 12V power supply
- HDMI cables (2)
- microUSB to USB cable
- Ethernet cable
- 8GB microSD Card
- Quick Start Card
- Downloadable documentation and reference designs

## BLOCK DIAGRAM



## FEATURED MANUFACTURERS



## PARTS

Part Number	Description	Resale
AES-PZ-EMBV-KIT-G	Zynq PicoZed Embedded Vision Development Kit	\$1,500 USD

Countries Available for Purchase: Americas, EMEA, Asia, Japan

## CONTACT INFORMATION

**North America**  
 2211 S 47<sup>th</sup> Street  
 Phoenix, Arizona 85034  
 United States of America  
 eval.kits@avnet.com  
 1-800-585-1602

**Europe**  
 Gruber Str. 60c  
 85586 Poing  
 Germany  
 marketing@silica.com  
 +49-8121-77702

**Japan**  
 Yebisu Garden Place Tower, 23F  
 4-20-3 Ebisu, Shibuya-ku  
 Tokyo 150-6023 Japan  
 eval-kits-jp@avnet.com  
 +81-(0)3-5792-8210

**Asia**  
 151 Lorong Chuan  
 #06-03 New Tech Park  
 Singapore 556741  
 XilinxAPAC@avnet.com  
 +65-6580-6000