

The Smart Vision Development Kit builds on the PicoZed<sup>™</sup> SOM by providing a carrier card for machine vision applications. This kit provides all the necessary components to start development of embedded vision applications.

The Smart Vision Development Kit was developed in partnership with Sensor to Image, a Germany based specialist in smart and machine vision systems. It features a low cost all-in one-package with 5 minutes out of box experience and is equipped with all the industry vision connectivity such as GigEVision, USB3Vision, and CoaXPress. The kit includes an Aptina 1.2MP camera module. In addition, industry leading software tools are offered and supported on this kit to provide an accelerated development cycle.

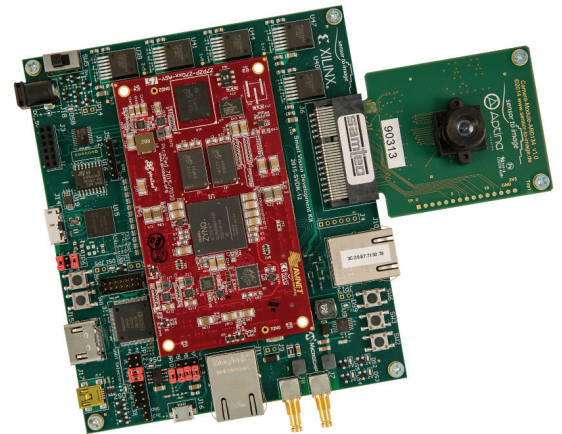
## FEATURES

- PicoZed 7015T SOM
- Machine Vision Carrier Card, including:
  - GigEVision
  - CoaXPress
  - USB3Vision
  - HDMI output
- Aptina 1.2MP camera module

## TARGET APPLICATIONS

- Machine Vision
- Video Analytics
- Manufacturing Products
  - Product Inspection
  - Robotics
  - Quality Assurance
- Other Applications
  - Intelligent Traffic Monitoring
  - Bar Code Scanning
  - Counterfeit Detection
  - Sport Simulator

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



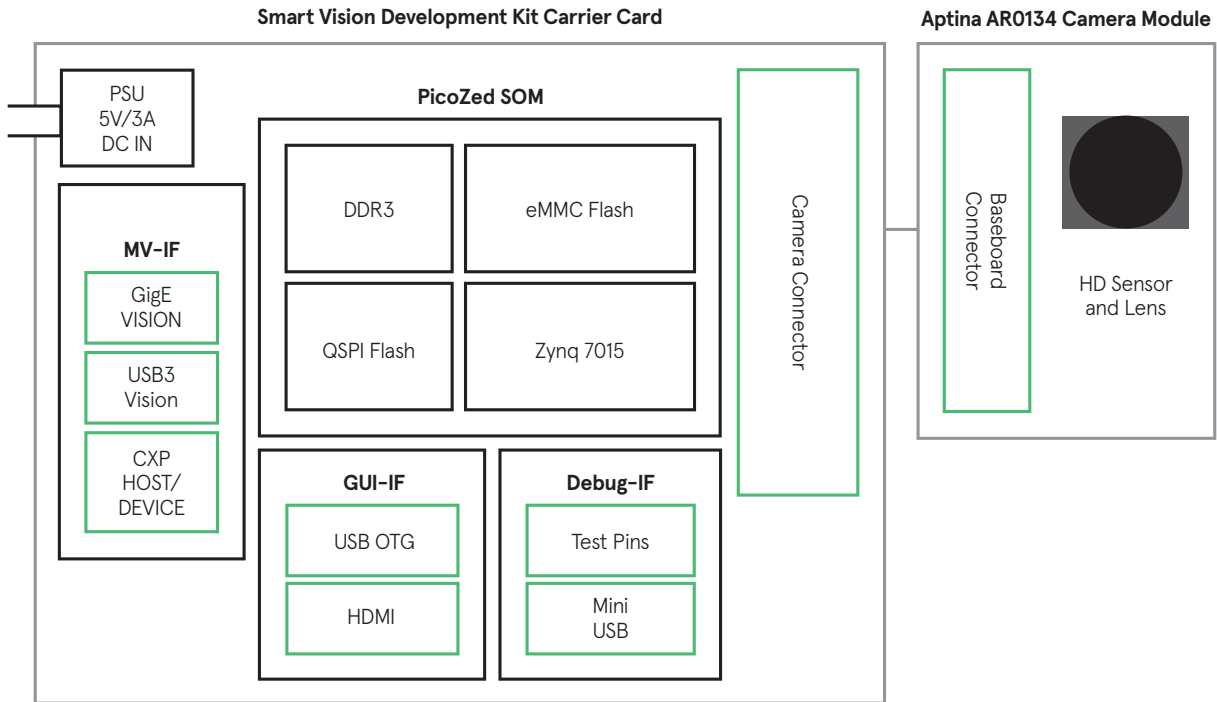
## COMPATIBLE WITH

**/PICOZED<sup>™</sup>**

## KIT INCLUDES

- PicoZed (Zynq-7015) SOM module
- Machine Vision Carrier Board
- Aptina 1.2MP camera module
- Universal Power Adapters
- Mini-USB-B to USB-A cable
- Vivado Design Edition – Device Locked
- Downloadable documentation
- Downloadable reference designs/evaluations
  - Sensor to Image GigEVision (GEV)
  - Sensor to Image USB3Vision (U3V)
  - Sensor to Image CoaXpress (CXP)
- Embedded Visual Applets – Demo Version
- HALCONtrailrun – Demo Version
- Ethernet cable

## BLOCK DIAGRAM



## FEATURED MANUFACTURERS



## PARTS

Part Number	Description	Resale
AES-Z7PZ-SVDK-G	Smart Vision Development Kit	\$895 USD

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

## CONTACT INFORMATION

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