

# MicroZed™ Embedded Vision Development Kit



The MicroZed™ Embedded Vision Development Kit builds on the MicroZed SOM by providing a video specific carrier card. The kit includes hardware, software and IP components necessary for the development of custom video applications.

The development kit includes the MicroZed 7020 SOM, as well as the Embedded Vision Carrier Card, which includes on-board HDMI input/output interfaces and a camera connector for optional camera modules.

## FEATURES

- MicroZed 7020 SOM
- Embedded Vision Carrier Card, including:
  - HDMI Input (based on ADI ADV7611)
  - HDMI Output (based on ADI ADV7511)
  - Camera Connector (for optional camera modules)
  - Power over Ethernet (PoE) Interface (based on ST PM8803)

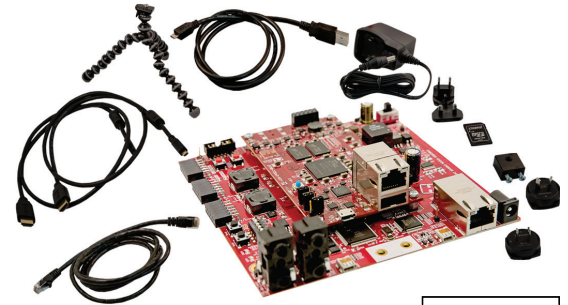
## TARGET APPLICATIONS

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

## FEATURED MANUFACTURERS



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



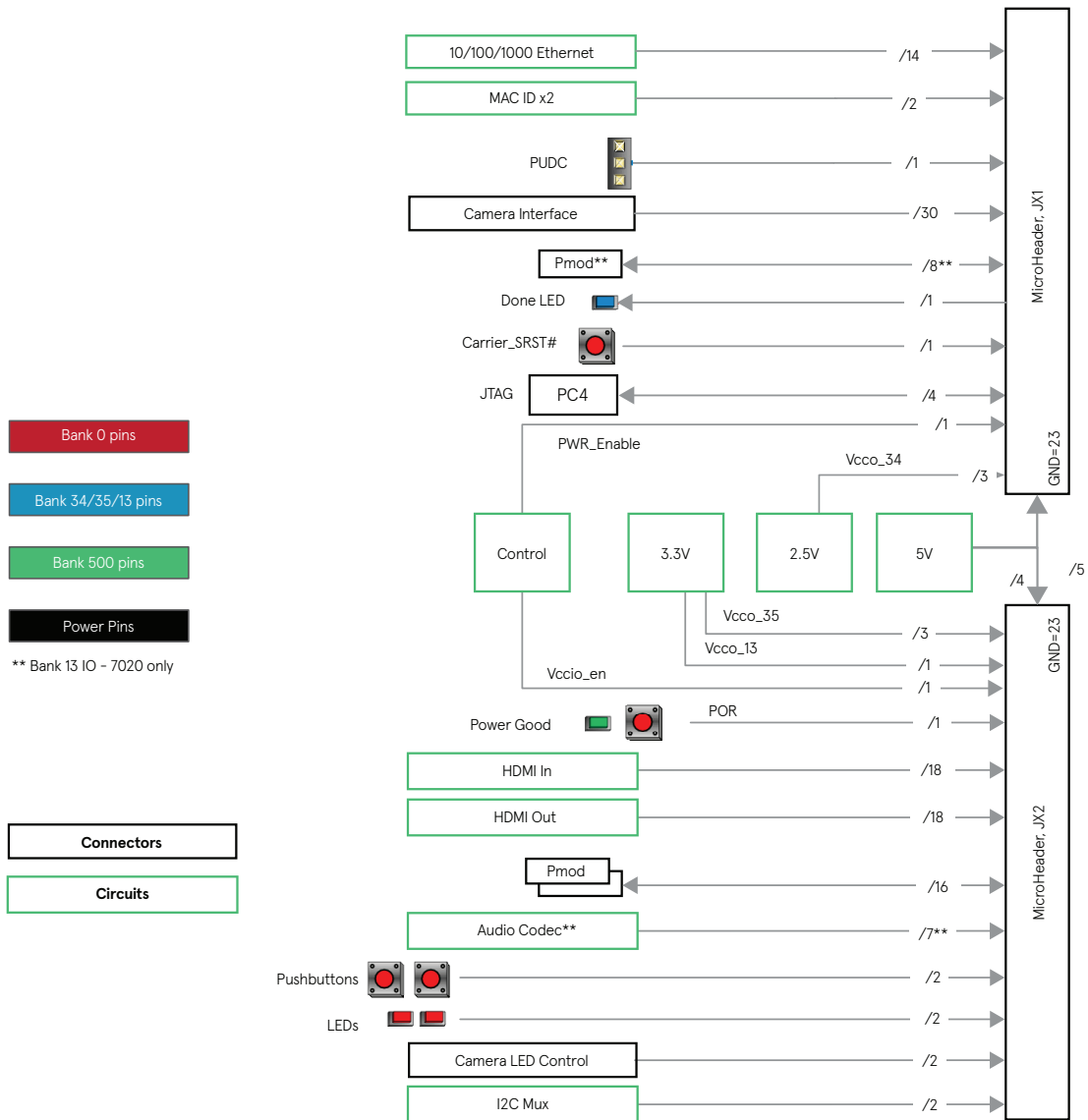
## COMPATIBLE WITH

# /MICROZED™

## KIT INCLUDES

- MicroZed 7020
- Embedded Vision Carrier Card
- 5 V Power Supply
- MicroHDMI to HDMI Cables (2)
- MicroUSB to USB Cable
- Ethernet Cable
- 4 Gb MicroSD Card
- Tripod Adapter
- Tripod
- Xilinx Vivado® Design Edition license Voucher (device locked to 7Z020)
- Quick Start Card
- Downloadable Documentation and Reference Designs

## BLOCK DIAGRAM



## PARTS

Part Number	Description	Resale
AES-MBCC-EMBV-G	MicroZed Embedded Vision Carrier Card Kit	\$279 USD

## RELATED PARTS

Part Number	Description	Resale
AES-MBCC-EMBV-DEV-G	MicroZed Embedded Vision Development Kit	\$549 USD

## CONTACT INFORMATION

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