

## AUTOMOTIVE CAMERA MODULES



### Entron Inc

- Based in Santa Clara, CA
- Vast portfolio of ON Semiconductor based camera modules
  - 1 MP to 8 MP
- Outstanding field of view selection from 30° to 210°
- GMSL2 (Maxim) interfaces available

## AUTOMOTIVE SOLUTIONS

### Gold Standard in High Dynamic Range Imaging

ON makes up **62%** of Automotive Image Sensor Market!



## CHIP ON BOARD MODULE SOLUTIONS



### New Module Family from ON Semiconductor!

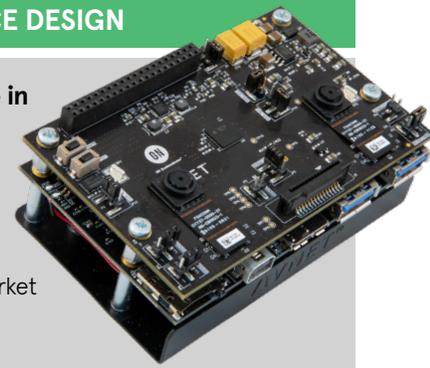
- Modules share a universal pinout
- IAS – Imager Access System – managed by ON and implemented by Avnet
- First module – 1 MP global shutter camera
  - Available July 2020
- Coming soon – 13 MP (4K) RGB auto-focus camera
  - Available August 2020

## ULTRA96 REFERENCE DESIGN

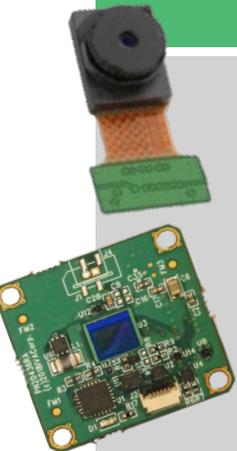
### Xilinx Drivers available in Q3 2020

Access Xilinx’s Machine Vision Analytics Library™

Reduce engineering efforts, faster time to market



## CUSTOM MODULE SOLUTIONS



**Camera boards, CoB cameras, and turn-key solutions**

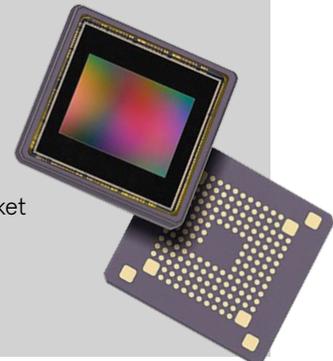
**Processing, design, manufacturing – many partners to solve your image sensing project needs!**

Broad portfolio of partners enables a wide offering for all applications

## HIGH PERFORMANCE IMAGE SENSORS

### ON Semiconductor’s XGS Product Line

- Shared sensor architecture
  - Scalable family
- Resolutions from 2 MP to 45 MP
- Multiple speed grade options
- Best power efficiency in high performance global shutter market
- All resolutions support 29x29 mm<sup>2</sup> camera design



## Questions? Contact Avnet’s Image Sensor Specialist

**Griffin Peterson**

Griffin.Peterson@AVNET.COM

248-912-5921

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