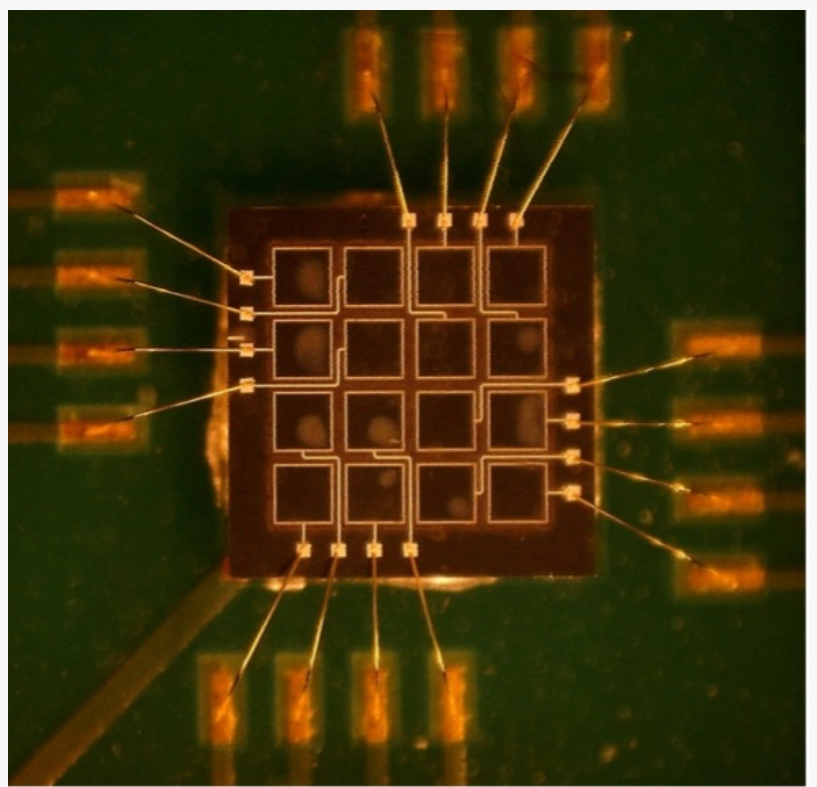


High performance, low cost array for Gesture-Sensing announced by ActLight

ActLight, the Swiss firm known for its best-in-class SNR photodiodes, announced today its Stand-Alone Dynamic PhotoDiode (DPD) array for Gesture Sensing

LAUSANNE, SWITZERLAND, August 25, 2022 /EINPresswire.com/ -- In addition to the superior signal-to-noise performance up to 90dB, the [DPD](#)-array benefits from a unique and patented device structure requiring a very simple, low-cost manufacturing process allowing very high linearity, superior ambient light rejection and flexible pixel pitch. The time-domain operation of the array also allows a very simple and parallel read-out, global-shutter operation, higher frame rate, and lower power consumption.



DPD array for Gesture Sensing

Customers can benefit from the array to match with their needs in automotive applications such as infotainment-control, rear-seat infotainment-system, door/ window/roof and trunk control and more.

“

Gesture Control is a first step in developing a whole range of functions based on our DPD-array”

Dr. Denis Sallin, Director of Engineering at ActLight

“We took advantage of the unique operating principle of the DPD to develop a new concept of sensor-array with a compelling value proposition for our customers” said Dr. Denis Sallin, Director of Engineering at [ActLight](#). “Gesture Control is a first step in developing a whole range of functions based on our DPD-array.”

A demo of the [Stand-Alone Dynamic PhotoDiode](#) array is available on customer’s requests.

About ActLight SA:

The company ActLight SA, founded in 2011 and based in Switzerland, focuses on the field of CMOS photonics by developing a new type of photodetector, the Dynamic PhotoDiode (DPD). Being a fabless company, ActLight specializes in the Intellectual Property (IP) of this area and operates primarily in the IP licensing business model.

The patented, CMOS-based photonics technology allows the substantial improvement of the efficiency and accuracy of various light sensing applications, such as Time Of Flight (TOF) based range meters, vital signs monitoring, 3D/2D cameras and much more. ActLight operates in the Internet of Things (IoT) market, with a focus on mobile and wearable devices, healthcare/medtech, autonomous driving, drones and robotics.

More info about ActLight available at <http://www.act-light.com>

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Demo board of DPD array for Gesture Sensing



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