

Oculi Forms strategic partnership with GlobalFoundries to advance edge sensing technology

BALTIMORE, MD, UNITED STATES, February 15, 2023 /EINPresswire.com/ -- [Oculi](#) today announced a strategic partnership with GlobalFoundries Inc. (GF) (Nasdaq: GFS), a global leader in feature-rich semiconductor manufacturing, to manufacture OCULI SPU S12, the world's first single-chip intelligent Software-Defined Vision Sensor. This new chip will be used in smart devices and homes, industrial, IoT, automotive markets and wearables including AR/VR.

The OCULI SPU S12 is the first of 3 product lines that will disrupt and set a new standard in vision technology. It is based on GF's 55LPx which is a feature-rich platform that supports Radio Frequency (RF), ultra-low power (ULP), embedded non-volatile memory (eNVM) and high voltage BCDLite® options. This makes the platform an ideal solution for System on Chip (SoC) integration to enable more functionality, less energy consumption and smaller form factor electronic applications.

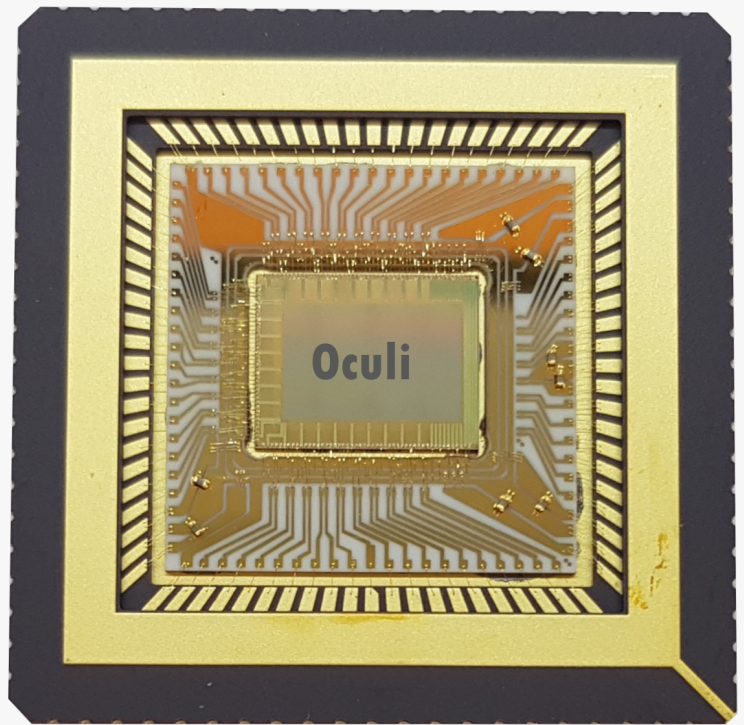


Oculi is putting the "Eye" in AI

Dr. Charbel Rizk, Oculi founder and CEO commented "Oculi has solved decades-long fundamental challenges by developing a new form of vision sensor that applies selectivity to process only the most relevant information 30X faster, 1/10th the power drain, and protects privacy/data security at the sensor. Oculi technology, which features pre-processing inside the pixel that emulates the human eye, will ultimately power many smart devices. Oculi's new vision

is ideal for edge applications such as always-on gesture/face/people tracking and low-latency eye tracking, while alternative solutions are too slow, big, and power inefficient. GF is an excellent partner to enable us to quickly get our product to our customers."

In collaborating with Oculi, Mike Hogan, chief business officer at GF, recognized the synergy for both companies in this engagement. As Mike stated, "Visual AI at the edge is the growth vector to enhance the connection between the digital and physical world. Oculi's architecture and GF's production-proven 55LPx feature-rich platform enables device makers to get to market faster while also by optimizing data usage and reducing energy consumption."



OCULI SPU - Sensing and Processing Unit

About Oculi

Oculi® is a fabless semiconductor company with an experienced team of semiconductor and vision experts, a spin-out of Johns Hopkins where the founder, Dr. Charbel Rizk, developed the underlying technology. Oculi's mission is to put the "Eye" in AI. For more information, visit www.oculi.ai

Sana Kouatly

Oculi

+1 4102055513

info@oculi.ai

Visit us on social media:

[Twitter](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/617161090>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.