PiBond – Who we are

Innovative technology company with strong R&D capabilities and a range of products commercialized. We are one of the only European suppliers of EUV lithography materials.

PiBond's materials have been adopted in the latest semiconductor devices globally.

Audited supplier track record to the semiconductor industry from our 3000 square meter PPT *(parts per trillion)* Clean Room production facility in Finland.

- 3,000 m^2 of space
- State of the art automation
- Extensive in-house semiconductor process testing capabilities

- Class 10/100 Clean room production
- Fully audited production track record
- > 200 tons/year capacity of high value materials

RESPONSIBLE CARE®
OUR COMMITMENT TO SUSTAINABILITY

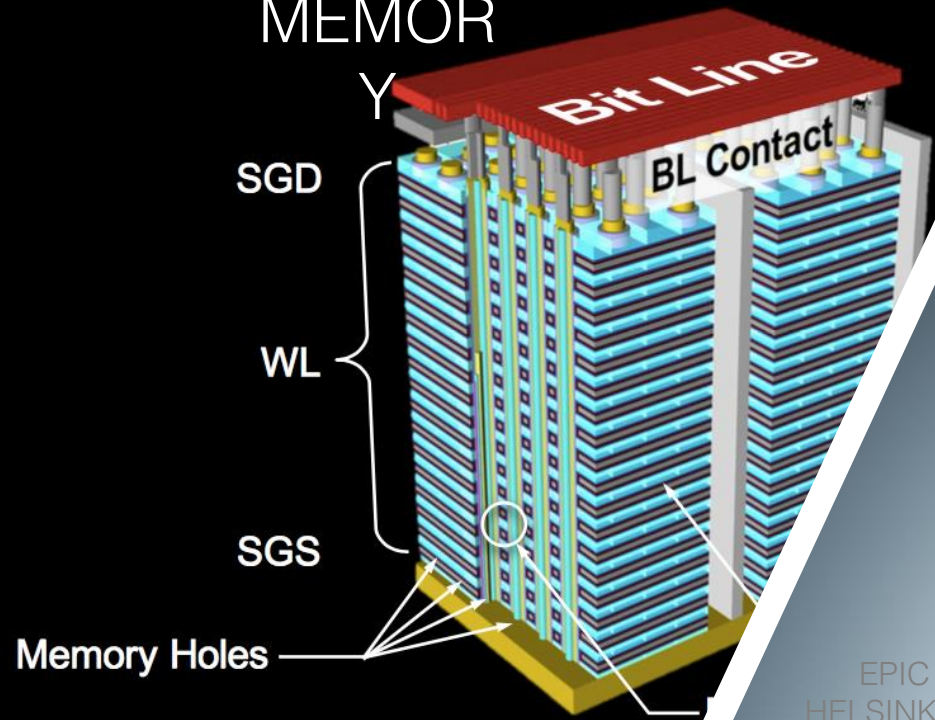
MANAGEMENT SYSTEM CERTIFICATION
DNV
ISO 9001 · ISO 14001
ISO 45001

PiBond

LOGIC

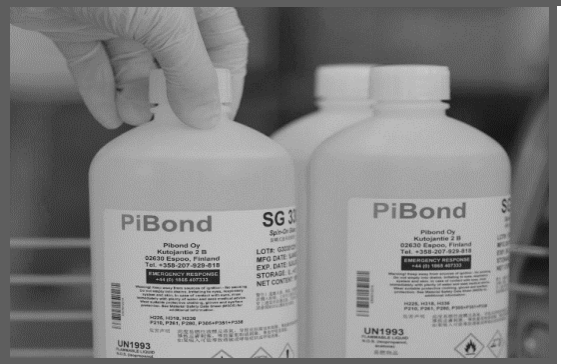
PHOTONIC SENSORS

MEMORY

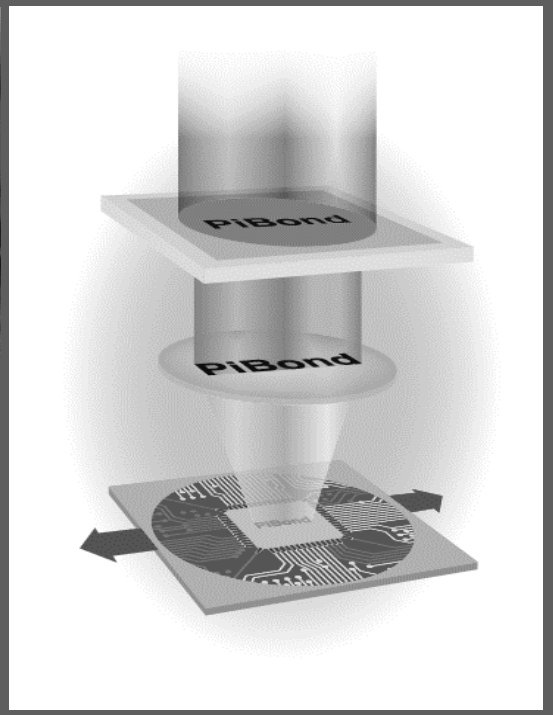


POWER IC

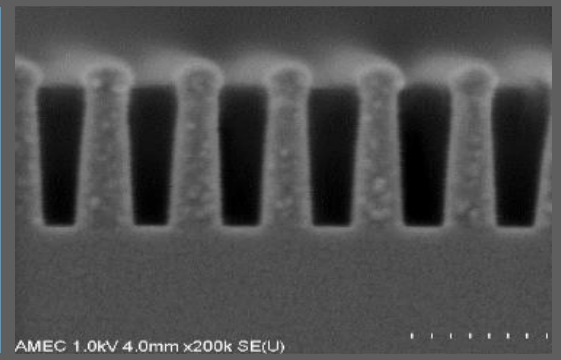
Advanced Lithography

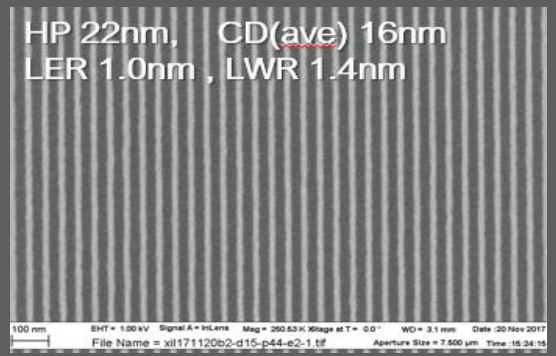


Demand for
Inorganic solutions



Industry proven
stack <**5nm**

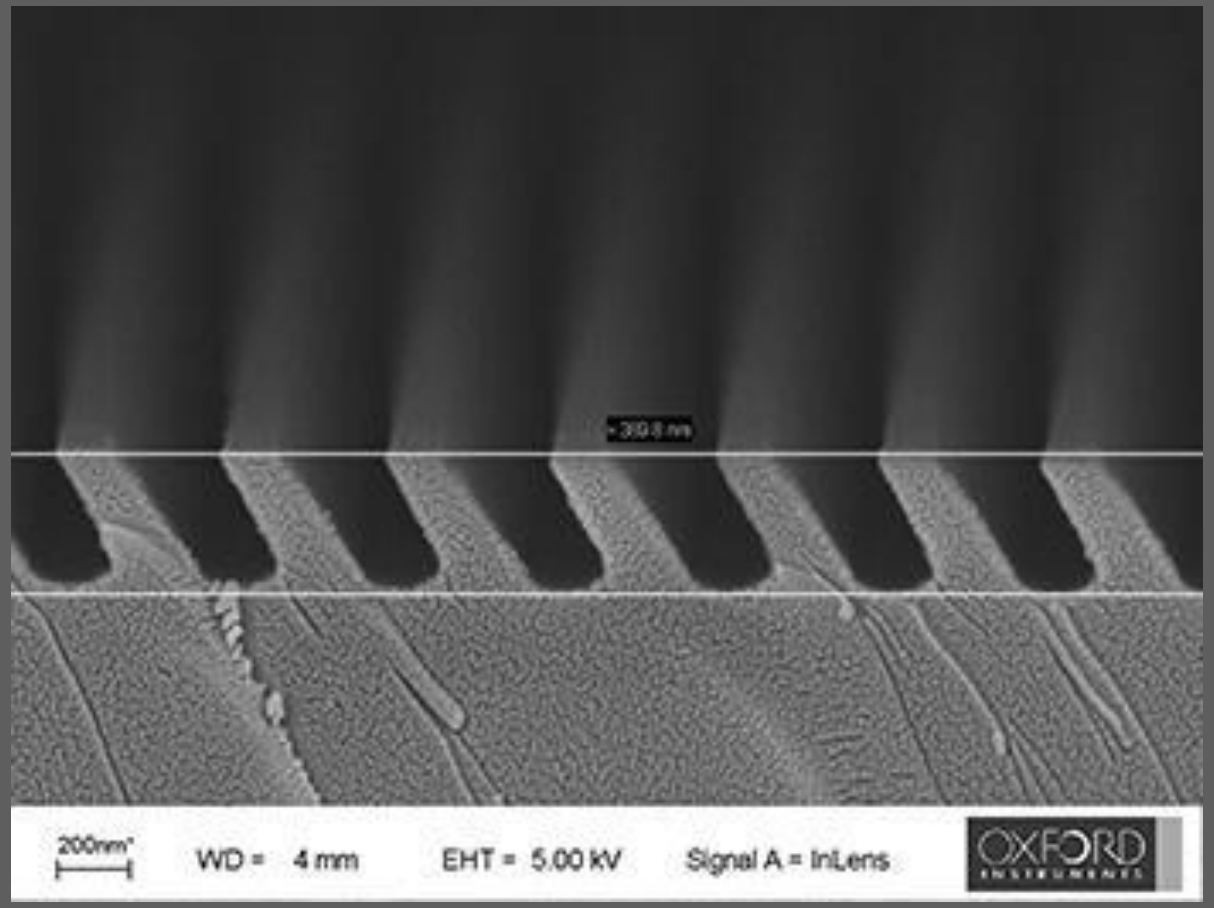




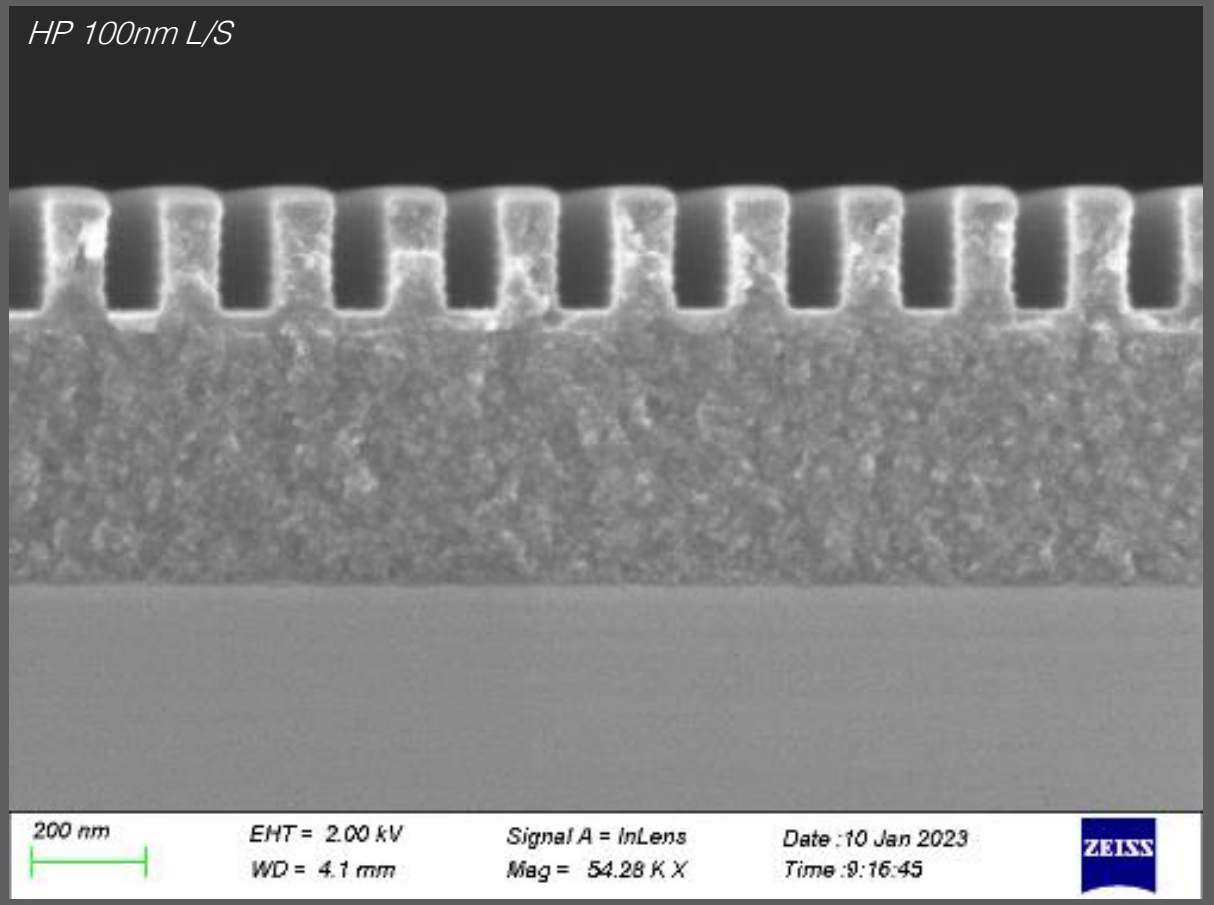
Leading Etch
selectivity for future
devices

PiBond

Advanced Lithography Materials for line patterning



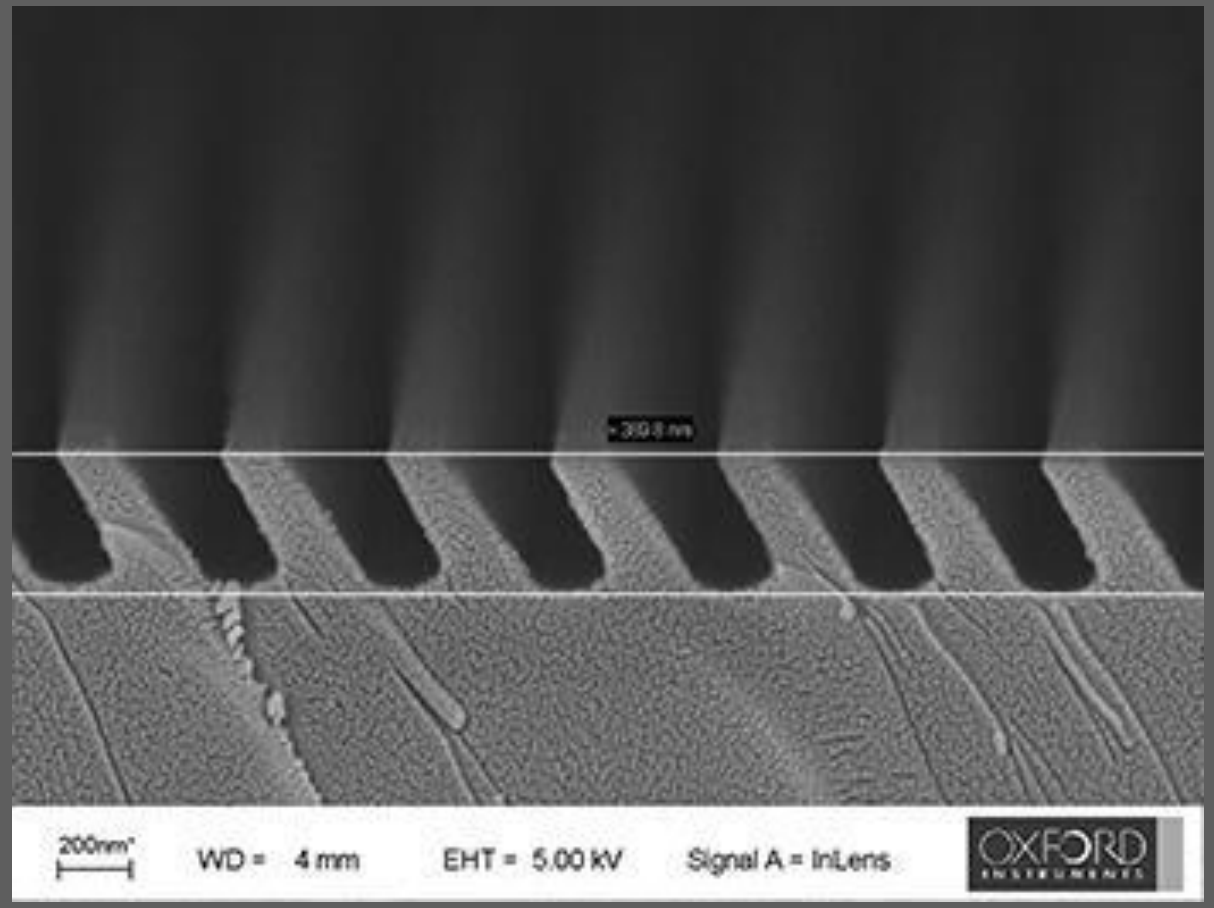
https://plasma.oxinst.com/blog/2020/3-steps-for-surface-relief-gratings



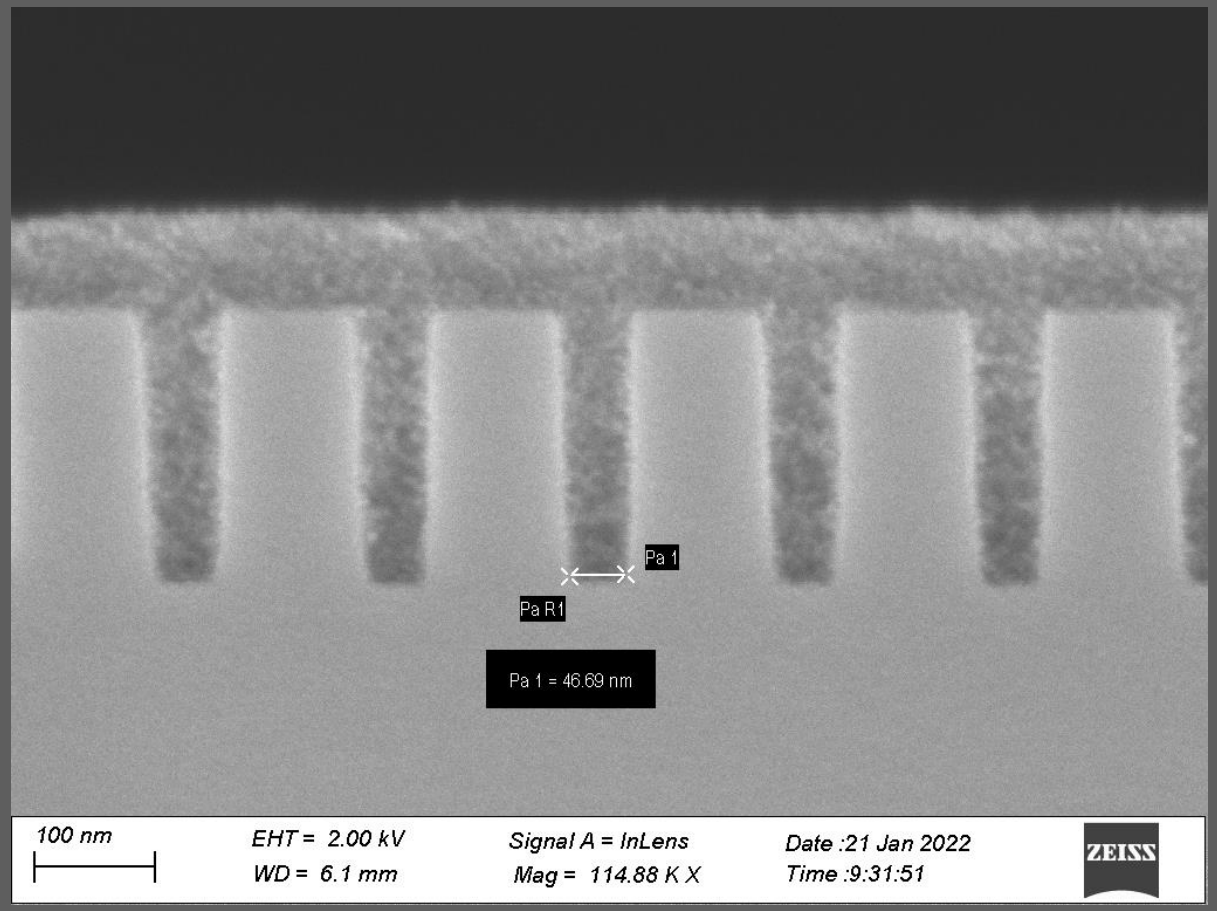
Etch hard masks and processes

PiBond

Optical coatings and fill-planarization



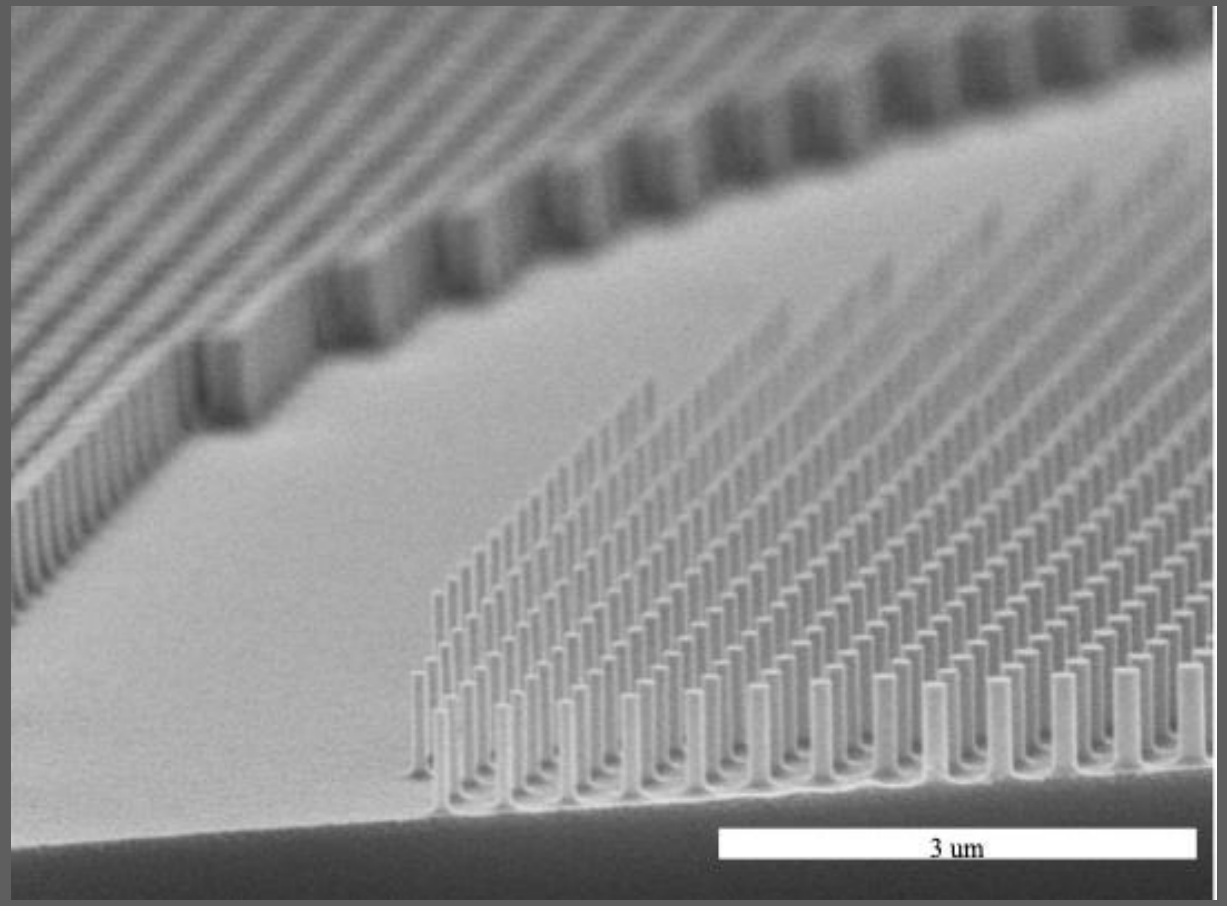
https://plasma.oxinst.com/blog/2020/3-steps-for-surface-relief-gratings



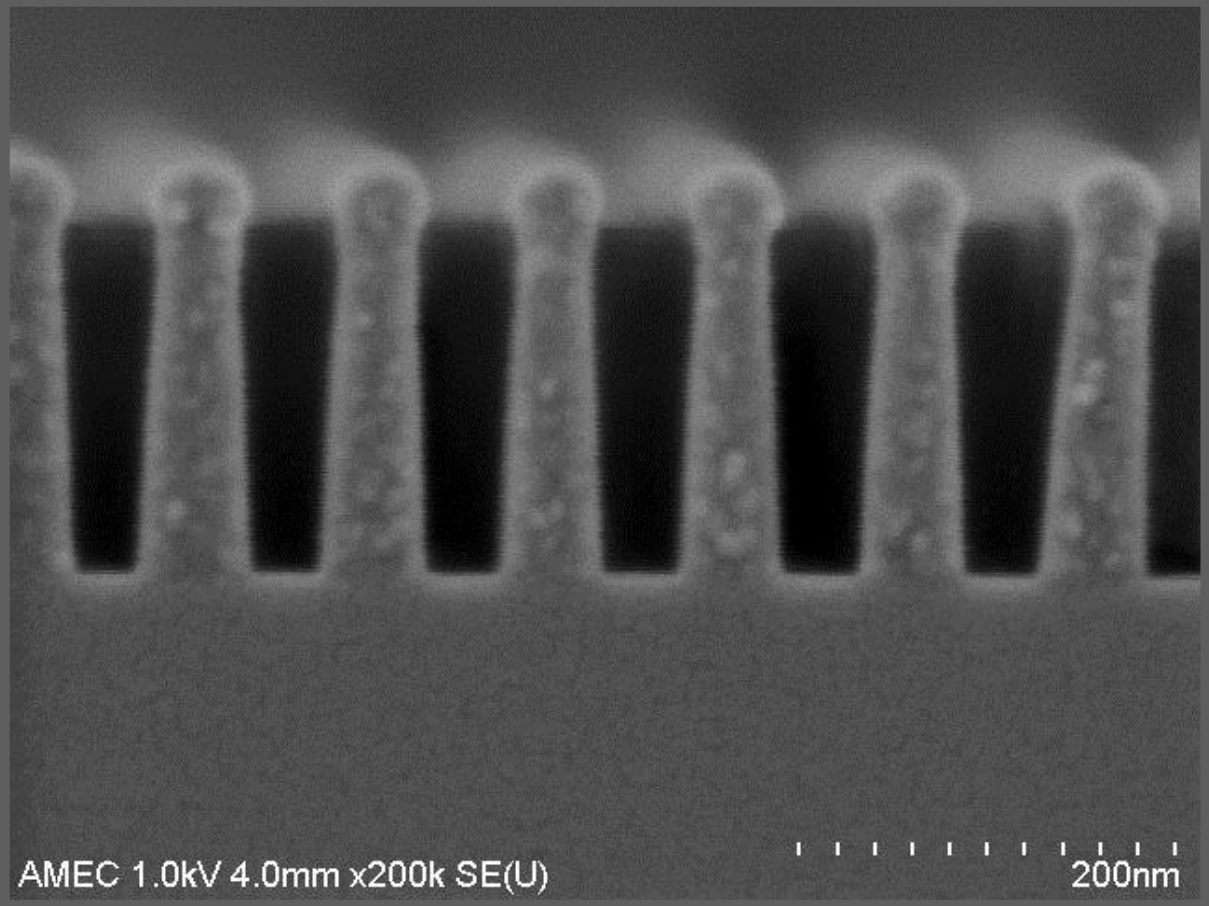
Variable refractive index gap fill

PiBond

Advanced Lithography Materials for MOE



V. J. Einck, M. Torfeh, A. McClung, D. E. Jung, M. Mansouree, A. Arbabi, J. J. Watkins
ACS Photonics **2021**, *8*, 2400–2409



Photolithography etch hard masks

PiBond

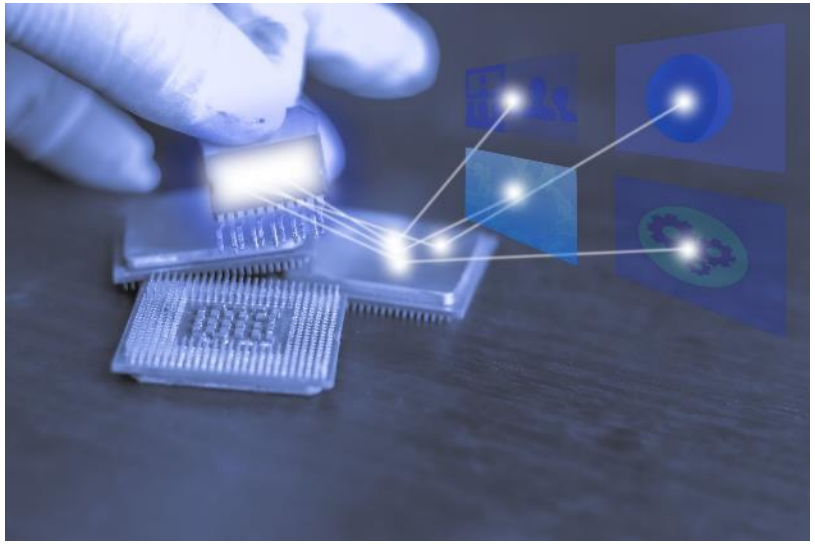
PiBond is a leading innovator of Advanced Materials

PRESENT

Semiconductor Dielectrics
for State-of-the-Art Applications

Optical Coatings for
Image Sensors

Enabling Layers for
Sub-5nm microelectronics

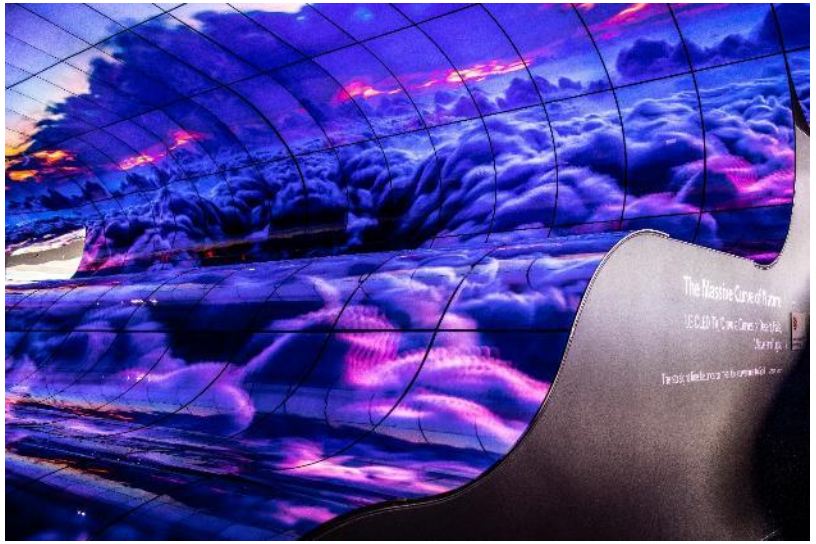


FUTURE

Future Data Transfer
Through Photonics

Semiconductor-level
Precision and Reliability
to Photonic Applications

Devices and components
enabled by novel processes



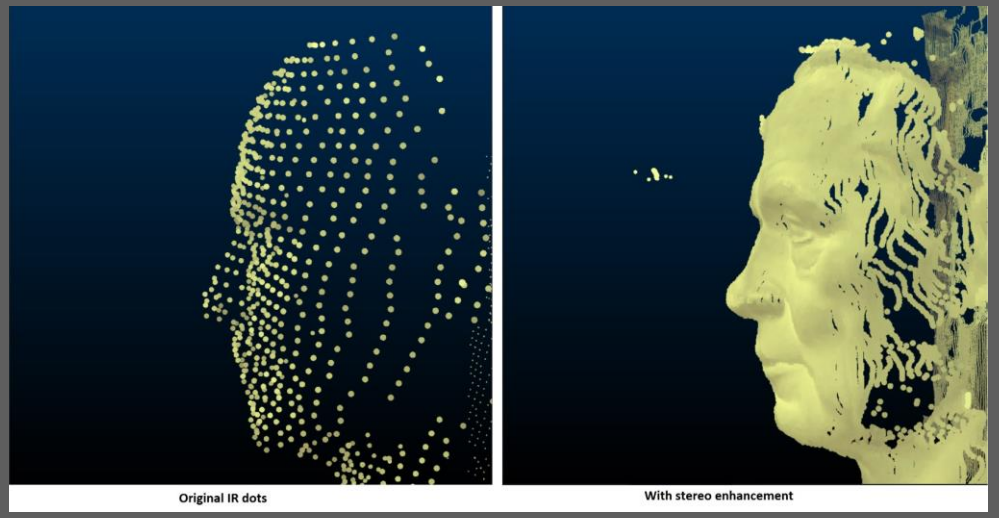
PiBond

PictM
by PiBond

The most accurate 3D sensor in the world enabled by meta optics

- True scale in cartesian 3D
- High sampling rate (> 60 fps)
- Sub-mm depth resolution
- Up to 20 meters in distance

Specs and applications: www.pictm.io



Thank you

PiBond

EPIC ANNUAL GENERAL MEETING
HELSINKI, FINLAND – MARCH 29-30, 2023