

Application of Photonics Technology in Semiconductor Industry

Currently, China has made great efforts to facilitate the development of the semiconductor industry. With the development of Internet of Vehicles (IOV), 5G, data center and IoT, the demand for chips is supposed to increase. The semiconductor industry is now in a new phase of booms.

APE 2024 (Asia Photonics Expo), a professional photonics platform that covers the entire optoelectronic industry chain, will showcase core technologies in semiconductor materials, chip manufacturing, circuit design, packaging and testing, semiconductor equipment, etc. It is a one-stop solution platform for sourcing products, innovative technologies and solutions.

APE 2024

Asia Photonics Expo

March 6-8, 2024

Marina Bay Sands Singapore

15,000
Exhibition Area

5,000+
Visitors

400+
Exhibitors

Exhibitor Profile



INFORMATION AND
COMMUNICATION



PRECISION OPTICS
& CAMERA



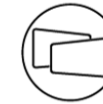
INTELLIGENT
SENSING



INFRARED
APPLICATIONS



LASERS TECHNOLOGY &
INTELLIGENT MANUFACTURING



DISPLAY
TECHNOLOGY

Exhibit Profile

Optoelectronic Chips

- Optical Detector Chips
- Optical Splitter Chips
- Optical Transceiver Chips
- VCSEL (Laser) Chips
- Sensor Chips
- Electronic Chips

Semiconductor Materials

- Wafers
- Silicon Substrates
- Target Materials
- Polishing Liquids
- Grinding Wheels
- UV Anti-stick Films
- Scribing Blades
- Grinding Materials
- Photo Resist
- Solder
- Adhesives

Semiconductor Manufacturing Equipment

- Lithography Equipment
- Alignment Equipment
- Packaging and Testing Equipment
- Polishing Equipment
- Grinding Equipment
- Annealing Equipment
- Scribing Equipment
- Etching Equipment
- Curing Equipment
- Laser Equipment
- Inspection Equipment

Sensors

- MEMS Sensors
- Ultrasonic Sensors
- Image Sensors
- Infrared Sensors
- Laser Sensors

Target Visitors

Manufacturers of Semiconductor Materials, Semiconductor Equipment, Chips; Packaging and Testing Enterprises, Fabless Design House, Semiconductor Foundries, Integrated Device Manufacturers (IDMs), etc.

Key Exhibitors

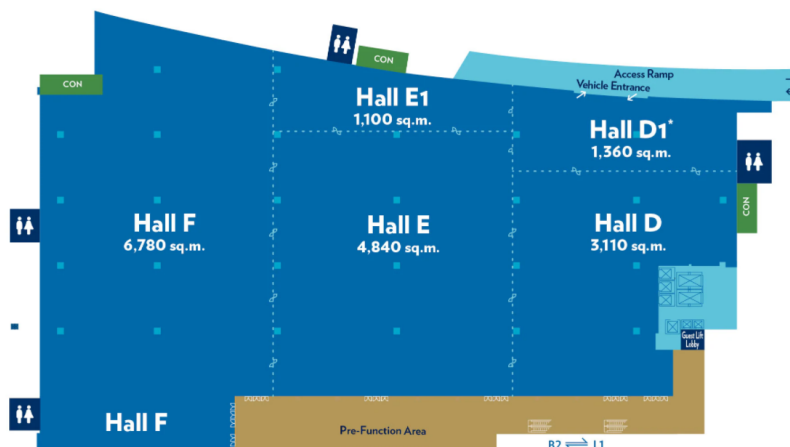


FLOOR PLAN

EXHIBITION HALLS ON

B2

Floor Area 17,190 sq.m.



Follow Us

- [@APE2024](#)
- [@APE_2024](#)
- [#Asia Photonic Expo](#)

Contact Us

Email: visitors-ape@informa.com

Website: www.asiaphotonicsexpo.com