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.
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

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