

Application of Photonics Technology in Electronics Industry

As the society is undergoing the upgrading of information technology brought by 5G technology and artificial intelligence, the photonics industry will meet progressive technological changes and great opportunities. Photonics chips, components, and equipment will be found in mobile devices, wearable devices, household appliances, robots, many 3C electronic products and so on.

APE 2024 (Asia Photonics Expo) is a comprehensive exhibition covering the whole photonics industry chain, showcasing upstream raw materials, core components, and manufacturing equipment of the electronics industry. It is a one-stop solution platform where companies of 3C electronics, household appliances, smart home, wearable devices, consumer robots and drones can acquire photonics products, learn about innovative technologies and conduct exchanges or business connections.

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



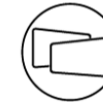
INTELLIGENT
SENSING



INFRARED
APPLICATIONS



LASERS TECHNOLOGY &
INTELLIGENT MANUFACTURING



DISPLAY
TECHNOLOGY

Exhibit Profile

Core Components

- Capacitors
- Visual Sensors
- Image Sensors
- Visual Integration and Application Solutions
- LiDAR System and Solutions
- MEMS Sensors
- LiDAR Core Components
- Display Panels/Modules

Core Components

- Cameras and Modules
- On-board Lenses
- Coating Materials
- Filters
- Optical Lenses
- VCSEL Chips
- Cable
- Spectral Chips/Spectrometers/Spectral Sensors

Manufacturing

- Laser Processing Equipment such as Laser Welding/Marking/Cutting/Cleaning/Scribing Equipment
- Robots
- 3D Printing Equipment
- Lasers
- Automation Equipment for SMT/Electronics/Semiconductor
- Vacuum Coating Equipment
- Lens Assembly and Testing Instrument
- Machine Vision System and Integration
- Spectrometer/Spectrum System
- Dispensers
- Rapid Temperature Change Test Chambers
- Measurement Instruments/System
- Testing and Measurement Equipment
- Infrared Thermal Imagers
- Infrared Night Vision Devices
- Gas Leakage Detectors/Gas Analyzers

Target Visitors

Mobile Phone Companies, OEM/ODM/IDH Solution Companies, Mobile Phone Brand Owners, Tablet and Computer Companies, Audiovisual Companies, Digital Electronics Companies, 3C Manufacturers, Household Appliance Manufacturers, Wearable Device Companies, AR/VR Companies, Robot/Drone/Smart Home Companies, etc.

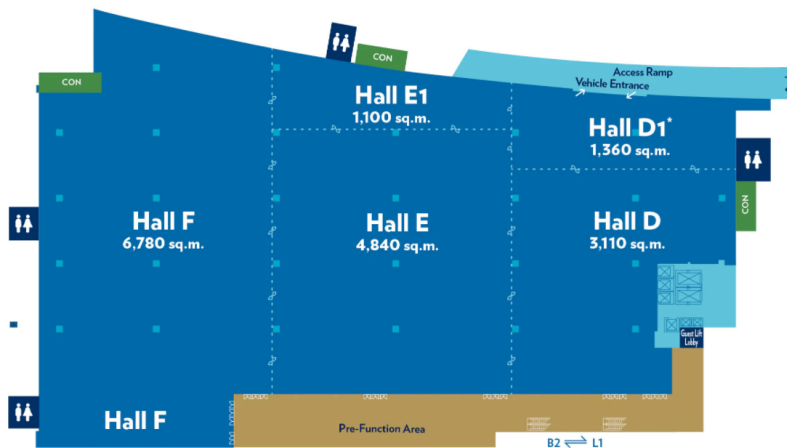
Key Exhibitors



FLOOR PLAN

EXHIBITION HALLS ON

B2
Floor Area 17,190 sq.m.



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