APE Asia Photonics Expo

APE 2027

ASIA PHOTONICS EXPO

3 - 5 MARCH 2027

SANDS EXPO AND CONVENTION CENTRE, SINGAPORE

15,000m² Exhibition Area

500+ Exhibitors

6,000+ Visitors

Three Exhibitions:

- ASIA PHOTONICS EXPO
- ASIA SEMICONDUCTOR EXPO
- ASIA ELECTRONICS EXPO



www.asiaphotonicsexpo.com

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Held in: SINGAPORE Passion Made Possible

Brought to you by: informa markets

Supported by: Enterprise Singapore, Singapore Exhibition & Convention Bureau

ABOUT APE

Focus on Photonics, Semiconductor and Electronics

As Asia's most influential photonics event, **Asia Photonics Expo (APE)** will be held from **3 - 5 March 2027** at **Sands Expo and Convention Centre, Singapore**. The expo marks a significant step forward with the introduction of two co-located exhibitions: **Asia Semiconductor Expo**, and **Asia Electronics Expo**, forming an integrated industry ecosystem covering upstream technologies, midstream components and downstream applications.

Anchored in Singapore, a global business and trade hub, APE 2027 will gather global industry players to provide a one-stop platform for exhibitions, business matchmaking, technical exchange, and brand promotion. It empowers enterprises to seize new opportunities in industry convergence and unlock broader growth potential.

APE 2026 Facts & Figures

15,000 m²
Exhibition Area

353
Exhibitors from 17 countries and regions

15
Conferences

5,586
Visitors from 46 countries and regions

55
Delegations

Exhibitor Satisfaction Rating

85.2%
will recommend APE to industry peers and partners

77.9%
were satisfied with APE 2026

75.3%
rated APE as an important platform for their business

72.5%
will exhibit in APE 2027

Visitor Satisfaction Rating

82.7%
will attend APE 2027

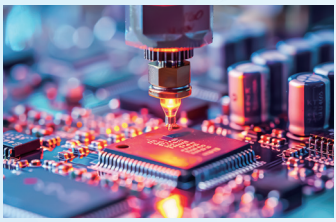
81.9%
will recommend APE to colleagues

81.8%
were satisfied with APE 2026

* Source: APE 2026 Post Show Report

Forge Cross Industry Connections Secure Growth Opportunities Across Southeast Asia

Build a One-Stop Business Platform Through Full Industry Chain Convergence



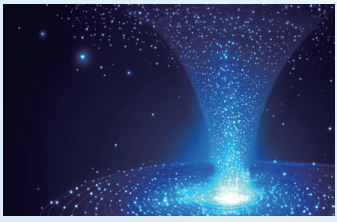
Three co-located exhibitions converge to break boundaries between **photonics, semiconductors** and **electronics**, creating an integrated innovation ecosystem that enables vertical integration and cross-industry collaboration.

Anchored in Singapore, Reaching Global Market Opportunities



Leveraging strong industrial advantages in **electronics manufacturing, consumer markets** and **semiconductor clusters** across Malaysia, Thailand, Vietnam and beyond, APE is poised to deliver powerful regional collaboration and market reach.

Focus on Cutting-Edge Technologies, Shaping the Future of Innovation



The exhibition will showcase cutting-edge technologies, including **optical communication, optics, lasers, infrared, quantum, chips, semiconductor manufacturing & packaging,** and **electronics**, bringing together world-leading R&D achievements.

International Pavilions

APE 2026 brought together international pavilions from nine countries and regions, including Europe, Germany, USA, Japan, South Korea, Singapore and Malaysia. In 2027, the international pavilions will showcase cutting-edge technologies, equipment and innovative solutions across the global photonics, semiconductor, and electronics industries, building a highly efficient cross-border platform for technology matching and industrial cooperation.





2026 Top 10 Visitor Countries & Regions

Singapore | China (& HMT regions) | Malaysia | Japan | India | Germany | United States | South Korea | Indonesia | Thailand

2026 Visitor Analysis

Company Type

Manufacturer	45.9%
Service Provider	14.6%
Distributor / Trader / Agent	12.8%
Scientific Institutions / Universities	10.8%
Integrator	5.6%
Investment & Financing Institutions	2.8%
Government Bodies	2.7%
Contractor	2.4%
Associations / Societies / Chamber of Commerce / Industry Alliance	1.0%
Media	0.8%
Others	0.6%

Company Industry

Semiconductor	23.3%
Advanced Manufacturing	20.6%
Optical Communication, Information Processing & Storage	19.2%
University / Research Institute	10.8%
Sensing & Measurement	8.5%
Consumer Electronics & Entertainment	6.1%
Surveillance / Security	3.5%
Energy	3.0%
Medical	2.9%
Lighting & Displays	2.1%

Job Function

Top Management	26.2%
R&D	22.6%
Manufacturing / Processing	16.4%
Purchasing / Supply Chain Management	12.3%
Sales	10.2%
Marketing	8.5%
Quality Management	2.7%
Others	1.1%

2026 Key Visiting Companies

- A*STAR
- AAC TECHNOLOGIES
- ACCTON
- AEROTECH AUTOMATION
- AES GLOBAL
- AGC
- AIRBOARD TECHNOLOGY
- AKRIBIS SYSTEMS
- AMAZON
- AMD
- AMKOR TECHNOLOGY
- AMS-OSRAM
- ANRITSU
- APPLE
- APPLIED MATERIALS
- ARROWCHEM
- ARTRON
- ASMPT
- AUMOVIO
- BAE SYSTEMS
- BIZIBODY TECHNOLOGY
- BROADCOM
- CALIBER INTERCONNECT
- CATERPILLAR
- CIENA
- CLOUD NETWORK TECHNOLOGY
- COHERENT
- COMPOUNDTEK
- CORNING
- DALNET HOTSPOT
- DELTA ELECTRONICS
- DENKA
- DREDGING INTERNATIONAL
- DSO NATIONAL LAB
- DTDS TECHNOLOGIES
- DYSON
- EDGECORE NETWORKS
- EMERSON
- ENNOSTAR
- ENNOVI
- ENVISICS
- EPSON PRECISION JOHOR
- EVATEC
- EXAIL
- EXCELITAS
- FIC GLOBAL
- FLEXTRONICS
- GASTRON
- GLOBALFOUNDRIES
- HENKEL
- HERMES TESTING SOLUTIONS
- HITACHI HIGH-TECH
- HP
- HUAWEI
- IBM
- IMPERIAL COLLEGE LONDON
- INFINEON
- JABIL CIRCUIT
- KOMAX
- KPMG
- LEICA GEOSYSTEM
- LITEON
- LSK ENGINEERING
- LUMENTUM
- MIT
- MITSUBISHI ELECTRIC
- NANYANG TECHNOLOGICAL UNIVERSITY
- NATIONAL UNIVERSITY OF SINGAPORE
- NCS
- NEC APAC
- NEXUSTEST
- NICHIBEI PARTS
- NOKIA
- NTI NANOFILM
- OCSS
- OPTOSIGMA
- OSIE
- PANASONIC
- PT. OSI ELECTRONICS
- QUALCOMM
- REALTEK SEMICONDUCTOR
- SAMSUNG ELECTRONICS
- SCHOTT
- SEAGATE
- SIA ENGINEERING
- SILICON AUSTRIA LABS
- SIMTECH
- SINGAPORE UNIVERSITY OF TECHNOLOGY & DESIGN
- SOITEC
- SONY ELECTRONICS
- ST ENGINEERING
- STMICROELECTRONICS
- TEXAS INSTRUMENTS
- THERMOFISHER
- TIKTOK
- TOKYO UNIVERSITY OF TECHNOLOGY
- TRELLEBORG AEROSPACE
- UMICORE
- UNIVERSITI MALAYA
- VENTURE INTERNATIONAL

* List in alphabetical order.

Asia Photonics Expo

The Asia Photonics Expo will return to the **Sands Expo and Convention Centre in Singapore** from **3 - 5 March 2027**. As Asia's leading platform for photonics innovation and exchange, the exhibition will bring together cutting-edge technologies and core achievements across the entire photonics industry chain such as **optical communication, optics, laser, infrared, sensing**, and **quantum technology**.

As a benchmark for photonics innovation in Southeast Asia, Singapore creates an ideal gateway for businesses to access the dynamic and opportunity-rich Asian market. By integrating Singapore's photonics industry clusters and research institutions, and hosting diverse events such as exhibitions, forums, and business matching sessions, the platform is an ideal venue for enterprises to showcase their latest advancements, connect with technology transfer opportunities, and forge business partnerships.

Exhibit Profile

Optical Communication

Optical Communication Chip, Module and Device, Wireless Communication, Transmission Equipment, Instrument, Optical Fiber Cable / Fiber Sensing

Optics

Optical Material, Optical Component, Optical Lens and Module, Optical Processing Equipment, Machine Vision Product, Optical Measuring Instrument

Laser

Lasers, Laser Equipment, Laser Material & Component, Robot and Industrial Automation, 3D Printing / Additive Manufacturing

Infrared

Thermal Imager, Night Vision Device, Infrared Material and Component, Infrared Detector

Sensing

Industrial Sensor, 3D Imaging & Sensing, LiDAR, Testing and Measuring Instrument

Quantum

Quantum Communication, Quantum Computing, Quantum Measurement

2026 Top 20 Product Interests of Attendees

Manufacturing, Processing and Equipment

Optical Communication Transmission Equipment
Wafer Fabrication Equipment
Semiconductor Assembly & Packaging Equipment
Test and Inspection Equipment
Laser Equipment
Lasers
LiDAR
Optical Processing Equipment
Machine Vision Product
Robot and Industrial Automation

Material, Module and Device

Optical Material and Component
Optical Lens and Module
Optical Communication Chip
Optical Communication Device and Module
Optical Fiber Cable / Fiber Sensing
Semiconductor Material
Integrated Circuit Chip
Laser Material and Component
Industrial Sensor
Infrared Detector and Thermal Imager

* List in no particular order.

Asia Semiconductor Expo NEW

As a co-located exhibition of APE 2027, the **Asia Semiconductor Expo** will be held from **3 - 5 March 2027** at **Sands Expo and Convention Centre, Singapore**. Focusing on the entire semiconductor industry chain, the exhibition will create a one-stop platform for exhibition, business matching and corporate promotion, covering core segments across **chips, IC design, materials, core parts, manufacturing equipment, packaging & testing equipment** and more.

Southeast Asia features a complete semiconductor ecosystem. As a global core hub, Singapore leads the semiconductor design market; Malaysia ranks as the world's second-largest packaging & testing center; Vietnam is emerging as a major manufacturing and consumer electronics base; and Thailand specialises in PCB, automotive electronics and power semiconductors. With a complete industrial chain and strong regional advantages, the exhibition serves as an ideal platform to showcase strengths, enhance brand visibility, strengthen industry influence, and forge strategic partnerships.

Exhibit Profile

- Chip
- IC Design / Manufacturing Service
- Semiconductor Equipment
- Semiconductor Material
- Semiconductor Core Parts
- Compound Semiconductor and Power Device

Visitor Profile

- EDA / IP
- Fabless & IDM
- Outsourced Semiconductor Assembly and Test (OSAT)
- Foundry
- Semiconductor Equipment
- Semiconductor Material
- Compound Semiconductor
- Semiconductor Core Part
- Power Semiconductor
- Sensor
- Intelligent Equipment
- Industrial Robot
- Display
- New Energy
- Electronics Manufacturing Services (EMS)
- Printed Circuit Board Manufacturing / Assembly
- Computing and Communication
- Optoelectronics
- Consumer Electronics
- Automotive
- University / Research Institute

2026 Key Visiting Companies

- A*STAR
- ADVANCED MICRO DEVICES
- AGC
- AMKOR TECHNOLOGY
- AMS OSRAM
- APPLIED MATERIALS
- ASMPT
- BROADCOM
- CORNING
- DELTA ELECTRONICS
- EDMUND OPTICS
- ENTERPRISE SINGAPORE
- EPSON
- EXCELITAS TECHNOLOGIES
- GLOBALFOUNDRIES
- HUAWEI
- INFINEON TECHNOLOGIES
- KEYENCE
- KEYSIGHT TECHNOLOGIES
- KLA CORPORATION
- LITEON
- MATTSON
- MITSUBISHI ELECTRIC
- MURATA ELECTRONICS
- PHYSIK INSTRUMENTE
- QUALCOMM
- REALTEK SEMICONDUCTOR
- SAMSUNG ELECTRONICS
- SEAGATE
- SOITEC
- SONY ELECTRONICS
- ST MICROELECTRONICS
- TEXAS INSTRUMENTS
- UNITED MICROELECTRONICS

*List in alphabetical order.

Asia Electronics Expo NEW

Riding the momentum of Singapore's booming electronics industry and driven by surging demand for artificial intelligence, the local electronics sector has achieved an impressive growth rate of 44%. **Asia Electronics Expo** creates a business trade platform for enterprises in the embedded and electronics sectors. The exhibition focuses on the entire embedded and electronics ecosystem, covering **embedded processors, embedded AI, development boards, sensors**, and **connectors**.

Partnering with local industry associations, we serve Southeast Asia's booming AI + electronics and embedded market, where each country offers unique industrial strengths. As Southeast Asia's premier ICT innovation hub, Singapore drives cutting-edge innovation; India features a thriving electronics manufacturing base; Malaysia acts as a key electronics manufacturing hub; and Thailand is experiencing rapid growth in electronics and automotive electronics. This exhibition provides an ideal platform to showcase your strengths, boost brand influence and build partnerships. Global enterprises are invited to participate and seize opportunities in this dynamic region.

Exhibit Profile

- MCU / MPU / SoC / FPGA / DSP
- Embedded AI & Edge Computing
- Memory
- Embedded Modules
- Development Boards
- Embedded Operating Systems
- Debugging & Simulation Tools
- Wired / Wireless Communication Modules
- Sensors & Actuators
- AIoT Solutions
- Power Supplies
- Test & Measurement
- High-Speed Connectivity & Connectors
- Cables, Wires & Assemblies
- Relays & Switches
- Passive Components (Capacitors, Resistors, Crystals)

Visitor Profile

- Distributors / Agents
- Consumer Electronics
- Industrial
- Medical
- Data Center

2026 Key Visiting Companies

- AAC TECHNOLOGIES
- AMAZON
- AMS OSRAM
- APPLE
- CANON
- COMPAL
- DELTA ELECTRONICS
- DYSON
- EG INDUSTRIES
- FLEX LTD
- FOXCONN
- HITACHI
- HP SINGAPORE
- HUAWEI
- INVENTEC
- JABIL
- LG
- MITSUBISHI ELECTRIC
- MURATA ELECTRONICS
- OSI ELECTRONICS
- PEGATRON
- PHILIPS
- QUALCOMM
- QUANTA
- SAMSUNG ELECTRONICS
- SCHURTER AG
- SEAGATE
- SONY ELECTRONICS
- TEXAS INSTRUMENTS
- VENTURE CORPORATION
- V-GUARD
- WISTRON

*List in alphabetical order.

2027 Tentative Topics

Photonics Forums

- Quantum Singapore
- Photonics@SG
- EPIC TechWatch
- EUROPE meets ASIA - Innovation in Photonics by W3+ Fair, IVAM & EPIC
- Asia Photonics Conference
- Machine Vision Enabling Industrial Intelligent Manufacturing Forum

Semiconductor Forums

- Asia Semiconductor Conference
- Photonics@SG
- Semiconductor Manufacturing Forum
- Advanced Packaging Forum

Electronics Forums

- Asia Edge AI Technology and Ecosystem Summit
- Electronics Engineers/Developers Forum
- Southeast Asia Electronic Components Supply and Demand Exchange

* Topics are subject to change.















Concurrent Events

Gala Dinner



The 2026 Gala Dinner gathered more than 150 distinguished guests, including representatives from international industry associations, senior executives of renowned enterprises, experts and scholars at LAVO, Marina Bay Sands Singapore. Against an elegant and relaxed ambiance, industry leaders engaged in in-depth communication and interaction, while enjoying fine dining and wonderful live entertainment.

Business Matchmaking



APE 2026 successfully hosted 78 tailored one-on-one buyer matchmaking activities, effectively linking high-quality supply and demand resources. The event drew participation from world-leading enterprises including AMAZON, EXCELITAS, and OSRAM, with a professional and productive atmosphere. By precisely matching procurement needs and advanced solutions, the programme facilitated in-depth negotiations between exhibitors and qualified buyers.



Curated Exhibition Tour

APE2026 has designed Exhibition Tour to facilitate in-depth communication and interaction between visiting delegations and exhibitors. The event attracted more than 40 representatives from the Singapore Semiconductor Industry Association (SSIA) and the Singapore University of Technology and Design (SUTD). Tailored to the professional backgrounds and key areas of interest of the visiting delegations, the customised tours facilitated targeted connections with cutting-edge technologies, core products, and key exhibitors.

Site Tour



Multiple site tours to local Singaporean universities and photonics enterprises were organised during the event. The programme gathered participants from 56 companies, including ASMPT, CIENA, HUAWEI, MATTSON, TERAHOP, ZEISS, etc. During the visit, the delegation gained first-hand exposure to cutting-edge technology demonstrations and advanced production line operations, engaging in in-depth discussions on technological innovation, supply chain collaboration and regional market strategies.

Happy Hour



During the event, more than 120 exhibitors, professional visitors and buyers joined the exclusive networking session in the VIP lounge. Industry elites gathered to communicate in a relaxed atmosphere, sharing market updates and professional experience. The pleasant and active environment strengthened industry connections and created an efficient, practical and friendly business atmosphere for the exhibition.

OMNICHANNEL PROMOTION & KOL PROGRAMME

Building a powerful KOL matrix in the **"Photonics + Semiconductor + Electronics"** sectors to strengthen APE's industry influence

Through APE's three exhibitions, authoritative KOLs will be curated across the photonics, semiconductors, and electronics sectors, including industry experts, senior executives, associations, and media professionals.

Utilising diverse online and offline channels, this approach amplifies the professional influence of KOLs to drive engagement across the ecosystem and expand APE's brand reach."

Media Campaign

2,780,000+
EDM Mailing Volume

1,233,785
Social Media Impressions

550+
News Release Coverage

189,000+
Unique Website Visitors



Our Partners in 2026

SUPPORTING ASSOCIATIONS

*List in alphabetical order

SUPPORTING MEDIA

*List in alphabetical order





Exhibit at APE 2027

Register As Visitor

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