



Global Electronics  
Association

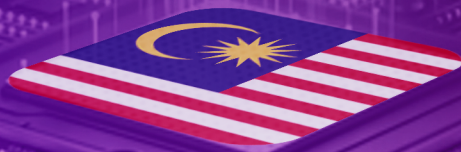
5<sup>TH</sup> EDITION



Integrated Electronics  
Manufacturing & Interconnections

CONNECT WITH SUPPLY CHAIN OF THE  
GLOBAL ELECTRONICS & SEMICONDUCTOR INDUSTRIES

**A**EROSPACE  
UTOMATION  
RTIFICIAL INTELLIGENCE



**APRIL 13**

**Kuala Lumpur**

**MALAYSIA  
2027**

**APRIL 15**

**Penang**



EXHIBITION



CONFERENCE



B2B MEETINGS

Southeast Asia has emerged as a key region in the global electronics manufacturing landscape, driven by supply chain diversification and advancements across the electronics value chain, from components to finished systems. Rapid growth across automotive electronics, AI hardware, data infrastructure, and aerospace.

# SOUTHEAST ASIA

## ELECTRONICS SUPPLY CHAIN: CONNECTED RESILIENT

Design & Innovation

Wafer Fab & Equipment

Test & Packaging

Materials, Packaging & Assembly

Design to Contract Manufacturing

Global Exports



**Southeast Asia**  
Connecting with the world

## MALAYSIA:

Gateway to Southeast Asia's Electronics & Advanced Manufacturing Ecosystem

## STRONG PILLARS



Semiconductor



Industrial



Telecommunication Equipment



Consumer Electronics

# MALAYSIA AT THE CENTER OF ASEAN'S ELECTRONICS ECOSYSTEM

Malaysia is one of the world's most established Electrical & Electronics (E&E) manufacturing hubs, playing a critical role in the electronics industry.

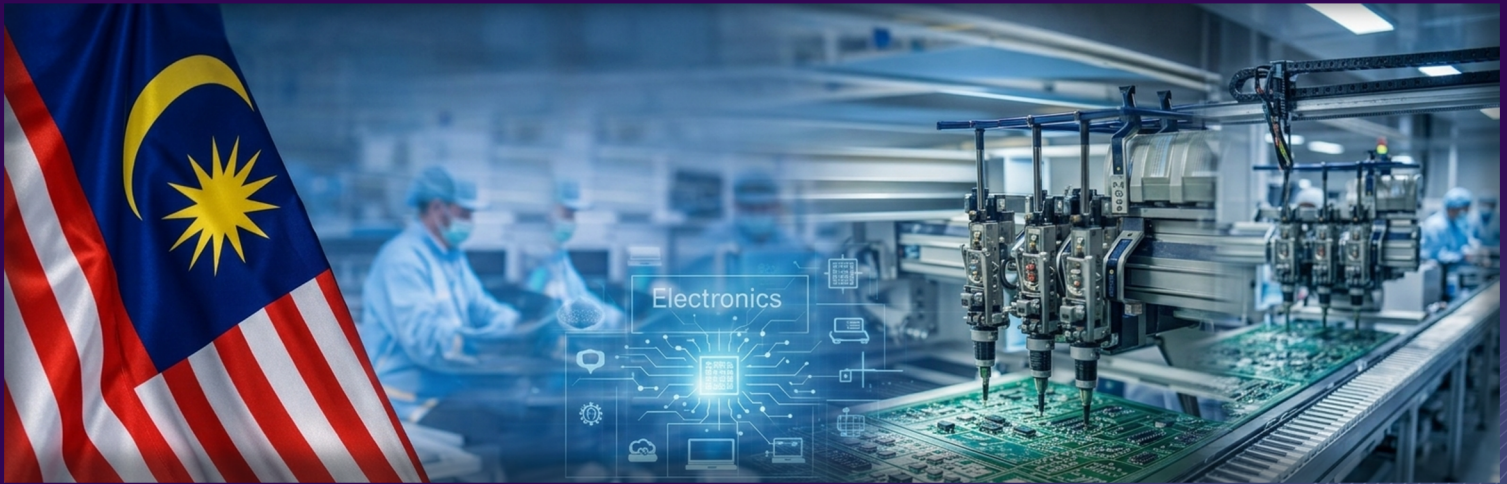
- ▶ E&E contributes ~40% of Malaysia's exports – US\$129 Billion (2024)
- ▶ Accounts for ~13% of global semiconductor Assembly, Testing & Packaging (ATP)

**6.8%**

Contribution to GDP

**12th**

Largest E&E exporter globally



## FULLY INTEGRATED SUPPLY CHAIN ECOSYSTEM

Malaysia offers a rare, end-to-end manufacturing ecosystem supporting the entire electronics value chain.

6,500+ local suppliers supporting ecosystem in Penang alone

Strong presence of global EMS and electronics firms across Penang, Johor, Kuala Lumpur, and Kedah

Proximity to OEM procurement teams and major manufacturing clusters

# UNLOCK BUSINESS OPPORTUNITIES IN MALAYSIA'S ELECTRONICS SUPPLY CHAIN

Gateway to Southeast Asia's Electronics & Advanced Manufacturing Ecosystem

01

## Established Manufacturing Ecosystems

Connect with OEMs, EMS providers, and Tier suppliers operating across Malaysia and ASEAN

02

## Access End-to-End Electronics Value Chain

From IC design → wafer fabrication → assembly & test → EMS, enabling full supply chain integration

03

## Expand Across Southeast Asia

Leverage Malaysia as a gateway to Southeast Asia's fast-growing electronics manufacturing base

04

## Build Strategic Partnership

Strong presence of multinational companies and local suppliers driving continuous sourcing demand

05

## Tap into High-Growth Segments

Opportunities across: Semiconductors | Automotive Electronics | EV | 5G | IoT | Industrial Systems



## IEMI 2027 ACROSS MALAYSIA

4 Cities | 3 Days | 1 Integrated Platform



# IEMI 2027 FOCUS THEMES

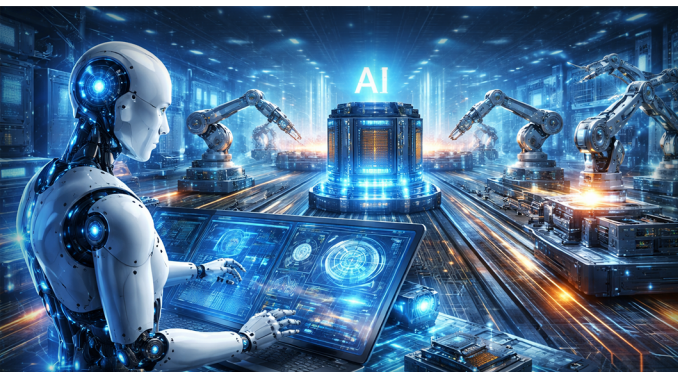


## AUTOMOTIVE ELECTRONICS & EV ECOSYSTEM

- ▶ 2nd largest automotive market in Southeast Asia and the 23rd largest in the world
- ▶ EV supply chain expansion in ASEAN - producing batteries, motors, and battery systems.
- ▶ ASEAN EV market projected to grow at 32.7% CAGR (2023–2028)

## AEROSPACE & HIGH-RELIABILITY ELECTRONICS

- ▶ 200+ aerospace companies
- ▶ Strong certification-based ecosystem aligned with global aerospace standards.



## ARTIFICIAL INTELLIGENCE & SMART MANUFACTURING

- ▶ Growing data center hub in Southeast Asia
- ▶ Projection: US\$13.6 billion by 2030
- ▶ Fast adoption of AI-driven manufacturing, digital twins, predictive maintenance

## Penang & Kuala Lumpur: Dual Advantage

Penang serves as the manufacturing and semiconductor powerhouse, anchoring Malaysia's electronics production

Kuala Lumpur acts as the center for policy, investment, and business engagement

## WHY IEMI IN MALAYSIA

As global supply chains shift toward resilience and regionalization, Malaysia stands out as a strategic hub for electronics manufacturing.

### Platform enables:

- ▶ Direct access to Southeast Asia's electronics supply chain
- ▶ Enable cross-border manufacturing and sourcing partnerships
- ▶ Engagement with global buyers and decision-makers
- ▶ Drive dialogue on supply chain resilience and next-generation manufacturing

# VISITOR PROFILE & FOCUS VERTICAL MARKET



EMS Companies



Semiconductor Companies



Materials/Processes/Services



OEMs



Government Organizations



Design Companies



PCB Manufacturers



Suppliers of Equipment



Defence



Aerospace



Automotive



Industrial



Medical Equipment



Telecommunication Equipment



Transportation

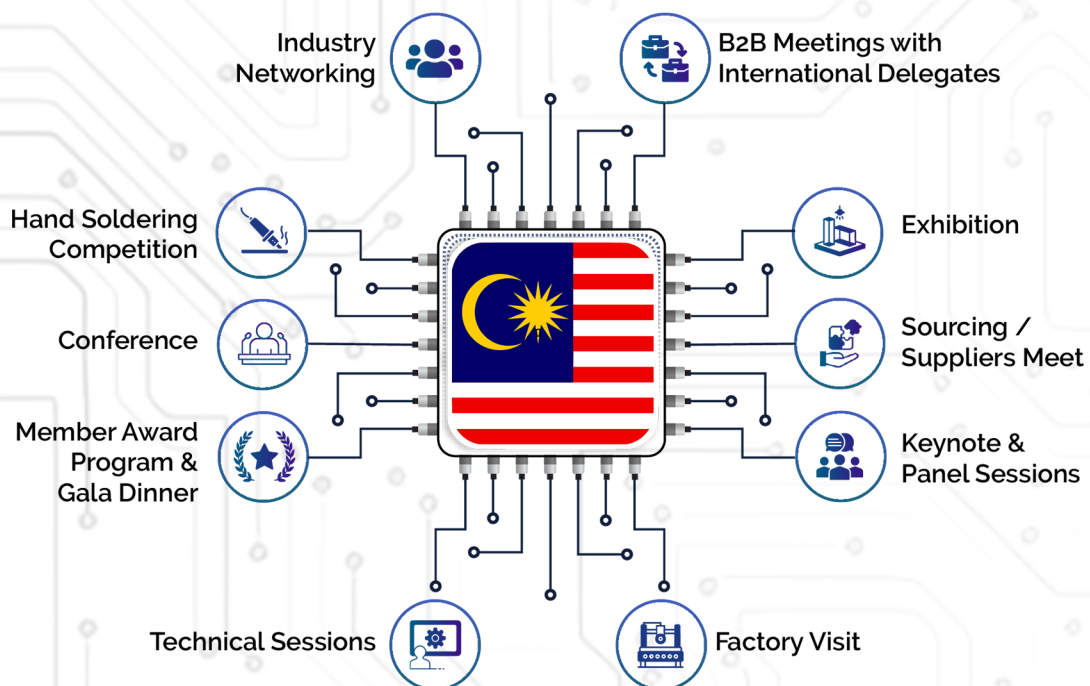


Consumer Electronics



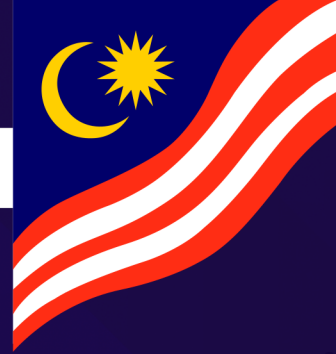
Automation

## IEMI ACTIVITIES AT A GLANCE





# PROGRAM FLOW



## **APRIL 11**

Arrival of international delegates and transfer to Melaka

## **APRIL 12 | 12:00 PM – 02:00 PM**

Roundtable Discussion, Factory Visit and Networking Lunch

## **APRIL 13 | Kuala Lumpur**

Malaysia International Trade and Exhibition Centre (MITEC)

### **08:30 AM – 09:30 AM**

Registration

### **09:00 AM onwards**

Exhibition, Conference Sessions, Business-to-Business(B2B) Meetings, Hand Soldering Competition and Award Program and Dinner

## **APRIL 14 | 08:00 AM**

Travel to Penang

## **APRIL 15 | PENANG**

Setia SPICE Convention Centre

### **10:00 AM – 01:00 PM**

B2B Meetings, Exhibition and Conference Sessions

## **APRIL 16 | KULIM | ALL DAY**

Roundtable Discussion, Factory Visit and Networking Lunch at Kulim Hi-Tech Park, Kedah, Malaysia

# Empowering Malaysia's Electronics Ecosystem Through Strategic Collaboration and Partnerships



**For more information, please connect**

**Dr. Raneer Ramya**  
Country Manager  
E: [raneeramy@electronics.org](mailto:raneeramy@electronics.org)  
M: +60 17-560 2171

**Ms. Manvi Kapoor**  
Manager - Events & Stakeholder Engagement  
E: [manvikapoor@electronics.org](mailto:manvikapoor@electronics.org)  
M: +91 9654202207