



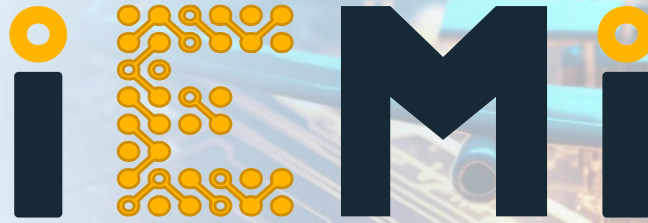
BUILD
ELECTRONICS
BETTER



Ministry of Electronics &
Information Technology
Government of India

Presents

3rd Edition



Integrated Electronics
Manufacturing & Interconnections

2024

Be a part of South Asia's largest
Electronics Supply Chain Market

OLIVE TREE HOTEL, **PENANG, MALAYSIA** – JULY 24 & 25

Co-located with Electronic Manufacturing Expo Asia (EMAX) 2024

HOTEL TAJ YESHWANTPUR, **BENGALURU, INDIA** – JULY 29 & 30



www.ipc.org/ipc-india-iemi



iemiindia@ipc.org



2 Countries

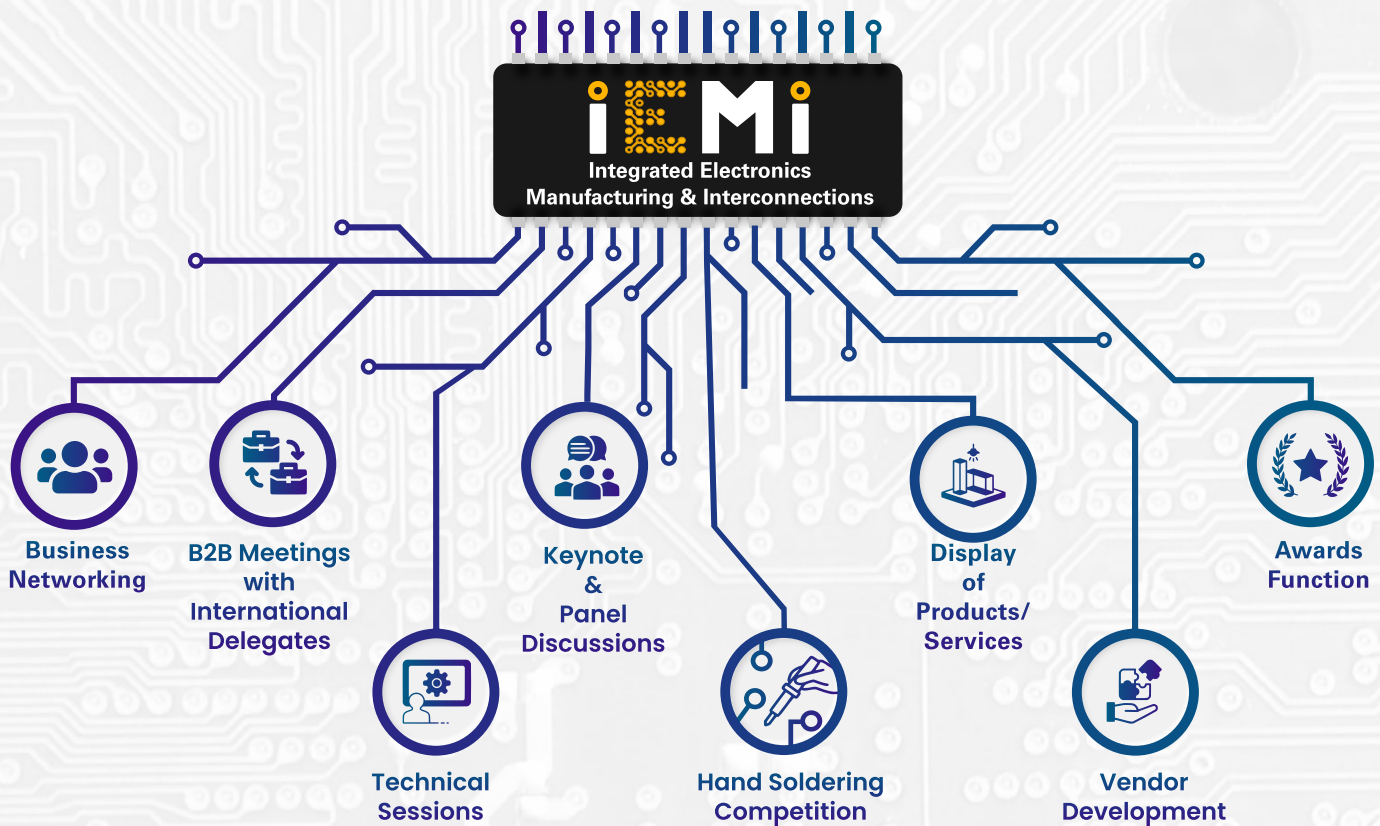


1000+ Delegates



10+ Activities

IEMI ACTIVITIES AT A GLANCE



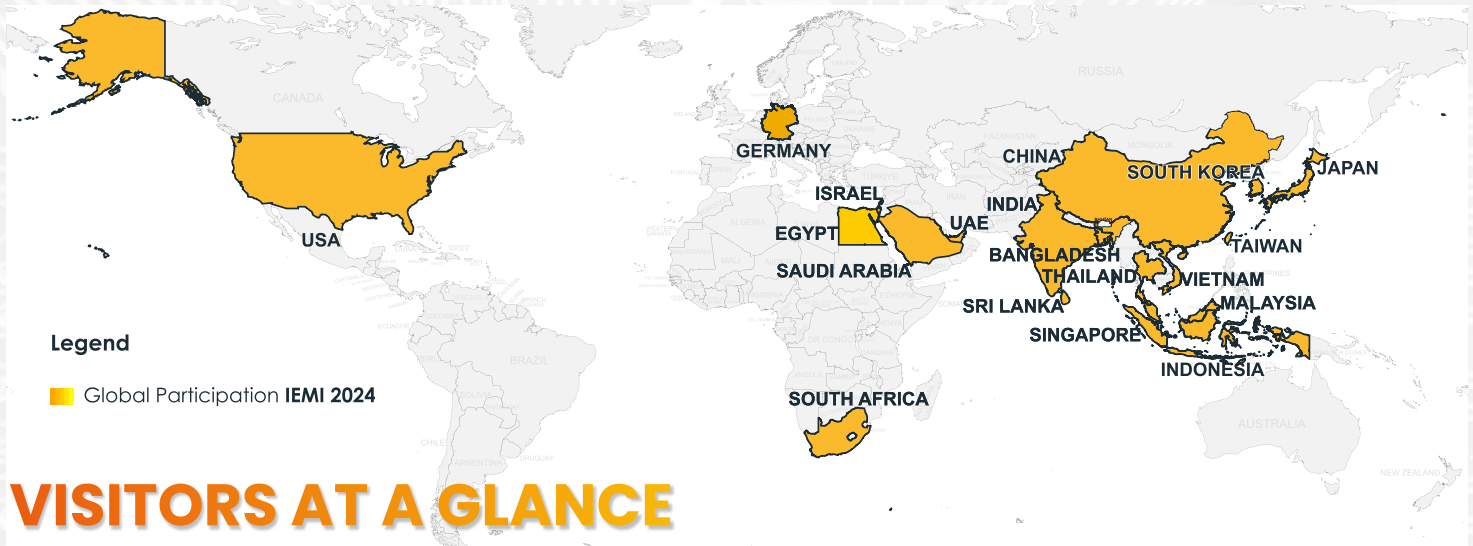
VISITORS PROFILE

- ✦ EMS Companies
- ✦ Semiconductor Companies
- ✦ Materials/Processes/Services
- ✦ OEMs
- ✦ Government Organizations
- ✦ Design Companies
- ✦ PCB Manufacturers
- ✦ Suppliers of Equipment

FOCUS VERTICAL MARKETS



GLOBAL PARTICIPATION



VISITORS AT A GLANCE

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INTERNATIONAL DELEGATES

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MALYSIAN ELECTRONICS INDUSTRY CATERS TO THE GLOBAL ELECTRONICS MANUFACTURING

- Penang represents 80% of the Country's contribution to global (8%) semiconductor and Electronics Manufacturing Services (EMS) hub for some of world's largest EMS companies.
- Penang produces integrated circuits (IC), packaging, design, and semiconductor manufacturing, both backend and frontend. This has successfully positioned Malaysia in the global supply chain of electronics contract manufacturing, outsourced semiconductor assembly and testing (OSAT) as well as in research, design, and development.
- Electronics & Electrical products are Malaysia's largest exports, contributing to 40% export value
- Malaysian companies have great links to global MNCs & local suppliers
- Companies set to benefit from themes such as 5G, sensors, EV and IoT, robots and intelligent machines.

STRONG PILLARS



Semiconductors



Industrial electronics

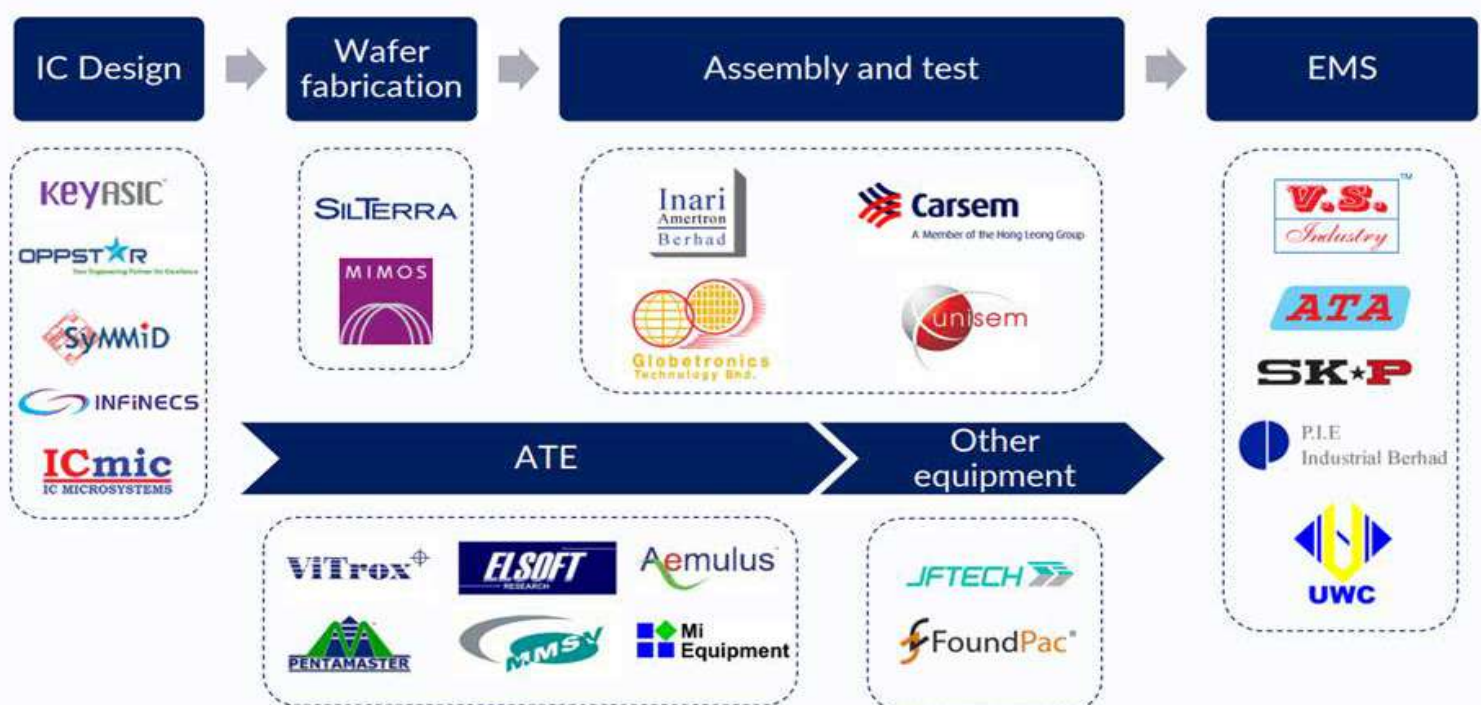


Telecommunication Equipment

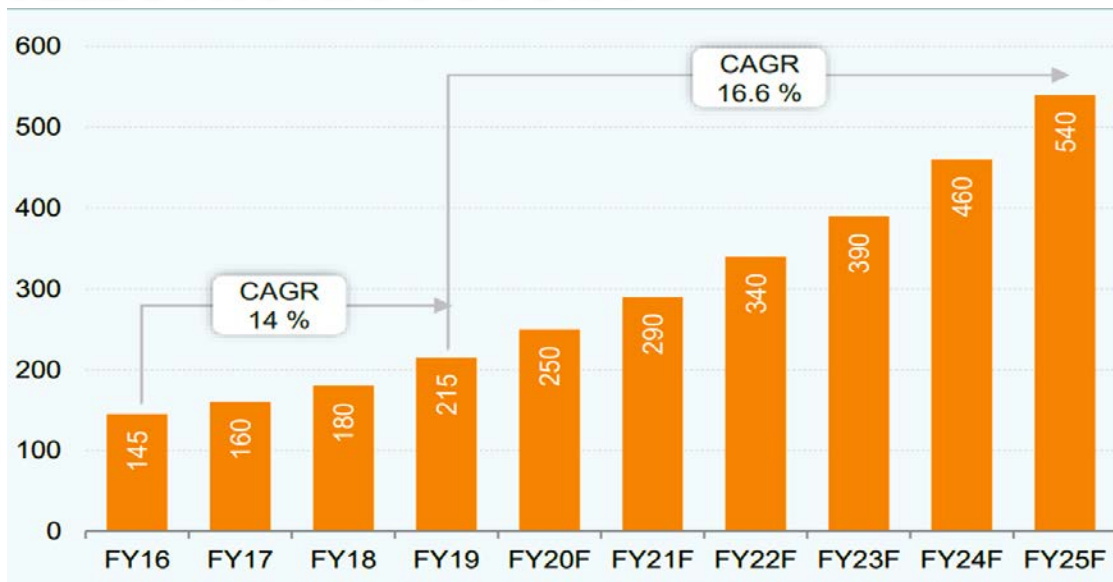


Consumer Electronics

SEMICONDUCTOR ECOSYSTEM IN MALAYSIA



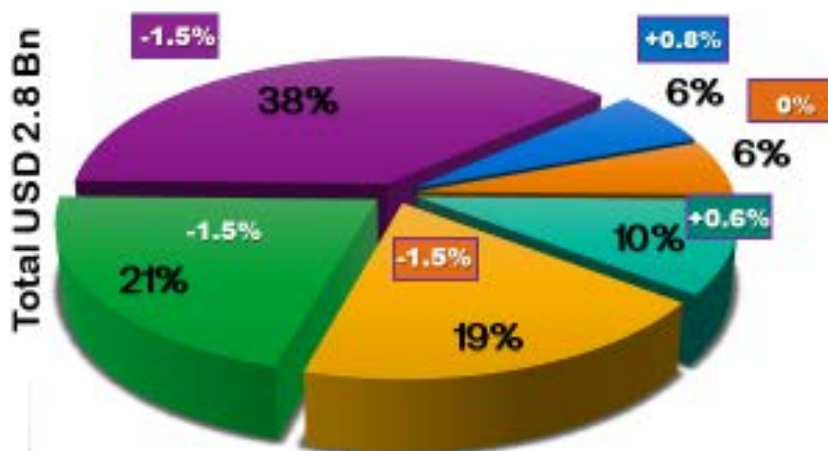
INDIA ELECTRONICS STORY



India is the next big opportunity for Electronics OEMs, EMS, Raw Materials, Components and Equipment's suppliers, with an annual market size of **USD 500 Billion**, India is seeking quality suppliers and expand its supply chain.

PRODUCTS IN HIGH DEMAND

FY'22 Market Split by End User Segments



- Computer Hardware
- Lighting
- Consumer Electronics
- Strategic Electronics
- Mobile Phones
- Industrial Electronics

Industrial Electronics includes Auto, Telecom, Medical & Power Electronics

% Change in market share over FY 2018-19

FOCUS MARKETS



Automotive



Consumer Electronics



Industrial Electronics



Aerospace



Automation



Medical Equipment



Defense



Transportation

6 MONTHS INDUSTRY NETWORKING EVENTS

JOURNEY TOWARDS IEMI 2024

| CITY | PROGRAM | DATE |
|----------------------------|--|-----------------|
| Kolkata, West Bengal | Technical Session - Hand Soldering | January 6 |
| Barcelona, Spain | Wintercom - Global Standards Development Meetings | January 22 - 25 |
| Bengaluru, Karnataka | Standards Development Meeting - Design , EMS, WH, Aerospace & Defence | January 30 |
| Mysuru, Karnataka | Technical Session - Hand Soldering | January 31 |
| Hyderabad, Telangana | Technical Session - Digitalization & Sustainability of Electronics Manufacturing | February 2 |
| Penang, Malaysia | IEMI Stakeholders Meeting | February 6 |
| Baddi, Himachal Pradesh | Technical Session - Hand Soldering | February 10 |
| Colombo, Sri Lanka | Technical Session - Hand Soldering & ESD | February 13 |
| Pune, Maharashtra | Technical Education Session - IPC 1771 EMS Automotive Suppliers Checklist | February 17 |
| Coimbatore, Tamil Nadu | Technical Session - Importance of Design & Assembly in Electronics Manufacturing | February 27 |
| Goa | Technical Session - Hand Soldering | March 5 |
| Hosur, Tamil Nadu | Technical Session - Best practice on PCB Manufacturing & Electronics Assembly | March 15 |
| Chennai, Tamil Nadu | Hand Soldering Competition (TN, AP & Telangana) | April 5 |
| Anaheim, USA | APEX EXPO 2024 | April 6 -11 |
| Gandhinagar, Gujarat | Technical Session - Hand Soldering | April 16 |
| Australia | Webinar - Importance of IPC validation service for Australian Companies | April 19 |
| New Delhi | Hand Soldering Competition | May 3 |
| Milwaukee, USA | Electrical Wire Processing Technology Expo 2024 (India Pavilion) | May 14 - 16 |
| Pune, Maharashtra | Hand Soldering Competition | May 23 - 24 |
| Jeddah, Saudi Arabia | Technical Session - Hand Soldering | May 26 |
| Abu Dhabi, UAE | Technical Session - Hand Soldering | May 29 |
| Dubai, UAE | Technical Session - Hand Soldering | June 1 |
| Vizag, Andhra Pradesh | Technical Session - Hand Soldering (Vendor development Program) | June 10 |
| Kochi, Kerala | Technical Session - Hand Soldering | June 14 |
| Sydney, Australia | Hand Soldering Competition & Technical Session - Digitalization of Electronics Manufacturing | June 19, 20 |
| Bengaluru, Karnataka | Hand Soldering Competition | June 27 - 28 |
| Penang, Malaysia | B2B Meetings, Malaysia Hand Soldering Competition | July 24 |
| Penang, Malaysia | IEMI - Advanced Packaging of Semiconductor | July 25 |
| Bengaluru, Karnataka | B2B Meetings with International Delegates & Standards Development Meeting | July 29 |
| Bengaluru, Karnataka | IEMI - Defence & Aerospace | July 30 |
| Johannesburg, South Africa | Technical Session - Hand Soldering | October 21 |
| Cape Town, South Africa | Technical Session - Hand Soldering | October 23 |
| Durban, South Africa | Technical Session - Hand Soldering | October 25 |
| Munich, Germany | World Hand Soldering Competition | November 15 |

THEME



Malaysia

THE ADVANCED PACKAGING OF SEMICONDUCTORS

Co-located with EMAX 2024

AEROSPACE & DEFENCE ELECTRONICS

India



PROGRAM

Penang, Malaysia

Day 1

B2B Meetings/Hand soldering

Day 2

10:00 AM - 12:00 Noon

Inaugural Session & Keynote

1

12:00 Noon - 1:00 PM

Special Address on Advanced Packaging of Semiconductors

2

3

1:00 PM - 2:00 PM

Networking Lunch

4

2:00 PM - 4:00 PM

Panel & Technical Session on Advanced Packaging of Semiconductors

5

4:00 PM - 4:30 PM

Guided Tour to EMAX Expo 2024

6

4:30 PM - 5:00 PM

Award Program @ EMAX Expo 2024

7

7 PM Onwards

Networking Dinner
"Co-located with EMAX Expo 2024"

Bengaluru, India

Day 1

B2B Meetings/ Standards Development Sessions

Day 2

10:00 AM - 12:00 Noon

Inaugural Session & Keynote

1

2

12:00 Noon - 1:00 PM

Special Address on Aerospace & Defence

3

1:00 PM - 2:00 PM

Networking Lunch

4

2:00 PM - 3:30 PM

Panel & Technical Session on Aerospace & Defence

5

3:30 PM - 4:30 PM

Vendor Development Program

6

4:30 PM - 5:00 PM

Award Program/Announcement of Hand Soldering Winner

7

5 PM Onwards

Networking Hi- Tea

IEMI SUPPORTERS – 2022 & 23



Ministry of Electronics &
Information Technology
Government of India



Department of Electronics,
IT, BT and S&T



Information Technology &
Digital Services Department
Government of Tamil Nadu



Government of
Maharashtra

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|  55 years of dedicated service |  |  |  |  ISO 9001 : 2015 Certified |  | |
|  Consortium of Electronic Industries of Karnataka "Voice of Electronic Industries" |  |  |  |  |  | |
|  INDIAN CHAMBER OF COMMERCE |  Gandhinagar Electronics Zone Industries Association |  |  MAHARASHTRA CHAMBER OF COMMERCE, INDUSTRY & AGRICULTURE |  Confederation of Indian MEs in ESDM and IT |  | |
|  |  AUTOMATION INDUSTRY ASSOCIATION |  |  |  INDO-AMERICAN CHAMBER OF COMMERCE |  Exploring STEM Education & Space Exploration (Promoting STEM Education & Space Exploration awareness in Schools & Colleges across Geography) Engage The Space in an NEP Registered in - 2005 - Space Talent and SST Young Group in India |  INDIA CELLULAR & ELECTRONICS ASSOCIATION Inspire.Enable.Lead |
|  Association of Electronic Industries in Singapore |  |  |  THAILAND PRINTED CIRCUIT ASSOCIATION |  Taiwan Printed Circuit Association |  Wiring Harness Manufacturers Association | |
|  |  www.ipc.org |  The Madras Chamber |  ELECTRONIC INDUSTRIES ASSOCIATION OF A.P. |  Aerospace & Aviation Sector Skill Council |  Skilling India in Electronics |  AUTOMOTIVE SKILLS DEVELOPMENT COUNCIL |
|  |  A new era in technology media |  All About Electronics Magazine |  THE MOST POPULAR ELECTRONICS MONTHLY MAGAZINE |  |  | |
|  |  11 Years of Excellence |  |  GOOD FOR THE INDUSTRY |  Electronics Manufacturing Technologies |  WIRING HARNESS NEWS.COM | |

For More Information Please Connect

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