**Roadmap to Resilience**

*Expanding Asia’s Electronics Manufacturing and*

*Securing its Supply Chains for Critical Goods and Services*

In today’s world, our lives depend on electronics. Electronics are at the heart of virtually every economic activity, which makes the electronics supply chain vital to our economies, our governments, and our daily lives.

But when it comes to securing the electronics supply chain, no single company or country can stand alone. Electronics have the most globally integrated supply chain of any industry, surpassing even the automotive sector in cross-border complexity. That degree of interdependence challenges the notion of any one nation or region building a complete domestic ecosystem for electronics manufacturing.

Yes, every nation has an interest in creating a more robust domestic industrial base – including the skilled workers needed to build and use them – but they also must have more secure, resilient, international supply chains.

**The Policy Agenda in Asia**

Across South Asia and East Asia, the Global Electronics Association (formerly known as IPC) is engaging with government bodies in China, Japan, South Korea, India, and other nations to build a strong, globally competitive electronics sector.

**Global Standards Collaboration**

* We call on governments and enterprises across Asia to recognize the importance of adopting and contributing to the IPC industry standards. By supporting global standards development, companies and governments can collaborate with international partners, increase supply chain security and efficiency, and enhance their competitiveness on the global stage.

**Technological Innovation**

* The Global Electronics Association works with governments to support investments in advanced manufacturing to meet new technology requirements for component- and systems-level packaging.
* We urge governments to create policy frameworks that support innovation, from R&D investment to commercial deployment.
* We encourage the implementation of Industry 4.0 technologies, including automation and digitalization, to modernize manufacturing processes and increase efficiency across the electronics industry.

**Talent Development**

* The Global Electronics Association envisions a future where governments, educational institutions, and industry leaders work together to build robust talent pipelines that meet the evolving needs of the electronics industry.
* Governments should support the establishment of industry-specific education and training programs to develop skilled professionals in areas such as advanced packaging, smart manufacturing, AI, and other technologies.

**Sustainability**

* The Global Electronics Association is working with governments across Asia to promote environmentally sustainable practices in the electronics sector. Our long-term goal is to lead the industry toward greener production models, fostering sustainable growth and environmental stewardship.
* We advocate for green manufacturing standards, renewable energy and energy efficiency, and waste minimization in electronics manufacturing.
* We collaborate with governments to create incentives for businesses to adopt sustainable practices, ensuring the long-term viability and eco-friendliness of the industry.

**Reduce or Remove Trade Barriers**

* The electronics industry calls on the governments of all nations to reduce or eliminate tariffs, which tend to negatively impact electronics manufacturers, as well as address the underlying issues that tariffs seek to redress, through bilateral and multilateral trade deals.

For More Information:

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* Study: [Interconnected: Global Electronics Trade in an Age of Disruption](https://emails.ipc.org/links/Interconnected-Global-Electronics-Trade.pdf)
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