

Global Significance of Taiwan's Semiconductor Industry

Taiwan has a complete semiconductor industry chain and has adopted the specialization and labor division strategy.

2016	Output of Taiwan (US\$100 million)	Global Output (US\$100 million)	Taiwan's Market Share	Taiwan's Rank	Major Taiwanese Companies	Major International Companies
IC Industry	758.3	4,197.9	18.1%	2	TSMC	Intel (U.S.) · Samsung (Korea)
IC Design	202.2	898.4	22.5%	2	MediaTek	Qualcomm (U.S.)
IDM (including Memory)	56.9	2,548.1	2.2%	5	Nanya	Samsung (Korea) · Micron (U.S.)
IC Foundry	355.6	492.7	72.2%	1	TSMC	GlobalFoundries (U.S.)
IC Packaging and Testing	143.6	258.7	55.5%	1	ASE	Amkor (U.S.)

- The **world's No. 2 player** in terms of **total IC Industry output** (after the U.S. and before Korea and Japan).
- The **world's No. 2 player** in terms of **total IC design output** (after the U.S. and before Singapore and Mainland China).
- The **world's No. 5 player** in terms of **total IDM output**.
- The **world's No. 4 player** in terms of **total memory production output**. Taiwan now focuses on DRAM, and then NOR Flash and Mask ROM (after Korea, the United States, and Japan).
- The **world's No. 1 player** in terms of **total IC foundry output** and a global leader with advanced below 10 nm production process.
- The **world's No. 1 player** in terms of **IC packaging and testing output**. Besides, among the world's top 10 professional IC packaging and testing companies, more than half of them are from Taiwan.
- With the advantages of upstream and downstream clusters of its IC industry, Taiwan is now developing a sound IoT application industry chain. International ICT and IC leading companies (such as Apple, Broadcom, and Qualcomm) have all selected Taiwan's IC foundry and packaging/testing OEM services for the global smart system and IoT technology development.

(Source : WSTS · IC Insights · ITRI-IEK)

International Job Vacancies in Taiwan's Semiconductor and Smart Electronic Industries

Recruiting Companies

IC Design

MediaTek, Novatek, Phison, Realtek, Himax, Global Unichip, Sunplus IT, Nuvoton, Etron, Advanced Analog Technology, IC Plus, etc.

IC Foundry

TSMC, UMC, Powerchip, VIS, Liteon-semi, etc.

Memory Production

Winbond, Nanya, Macronix, etc.

IC Packaging and Testing

ASE, SPIL, PTI, KYEC, ChipMOS, Walton, etc.

Smart Electronics

Song Chuan, Tung Thih Electronic, Arbor Technology, Getac, Wistron, SERCOMM, etc.

Types of Job

- Professional R&D
- Sales & Marketing
- Technical Support
- Equipment Purchasing
- Business Management
- Strategic Planning
- Forecast & Analysis
- Human Resources
- Others

Work Opportunities



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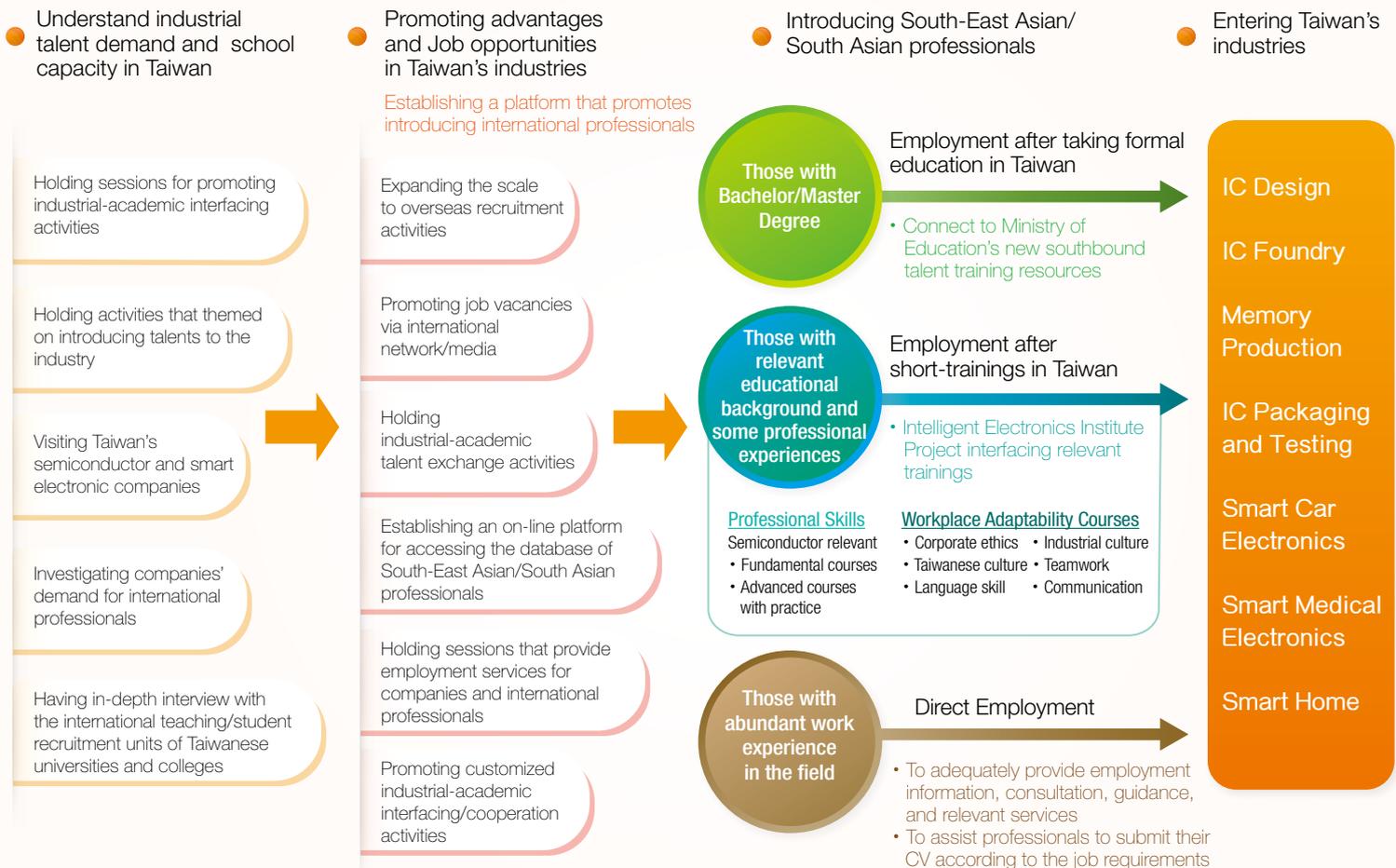


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The New Southbound Talent Development for the Semiconductor Industry Project

Together with the “Smart Electronics Industry Development and Promotion Project” platform and industrial-academic interfacing/cooperation, Taiwan has introduced professionals from South-East Asia/South Asia to enter the country’s semiconductor and smart electronic industries.



Note: “ Smart Electronics Industry Development and Promotion Project ” is one of the keys that promotes the transformation and upgrade of Taiwan’s semiconductor industry. This plan has been continuously assisted semiconductor companies in developing MG+4C (Medical, Green, Car, Computer, Communication and Consumer), IoT and AI (Artificial Intelligence) applications. Besides, concerning the introduction of international professionals, it not only assists companies to post their job vacancies, but also increases the cooperation with international industrial associations and media, enabling companies to successfully introduce international talents while enhancing the industry’s overall competitiveness.

Taiwan's Act for the Recruitment and Employment of Foreign Professionals

The Act aims to build a friendly environment that attracts foreign professionals to come to work and live in Taiwan.

Relaxation of regulations on work, visa, and residence

- Foreign special professionals are able to apply for “Employment Gold Card”, which is more convenient for foreigners to transfer work or seek jobs; the term of such work permits have been expanded from 3 years to five years.
- Foreign professionals looking for jobs in Taiwan are eligible to apply for employment-seeking visa.
- The required minimum duration of stay of 183 days per year for maintaining permanent residency is abolished.

Easing of provisions concerning stay or residence of parents, spouses, and children

- The requirements for spouses, minor children, or disabled adult children of permanent resident foreign professionals applying for permanent residence are eased.
- The visitor visas for the lineal ascendants of foreign professionals are extended to allow for a stay of up to one year at a time.

Providing benefits on retirement, insurance, and tax

- Foreign professionals who have been approved for permanent residence shall be included in the retirement pension system under the Labor Pension Act.
- The requirement of a full six months of residence in Taiwan for spouses, minor children, or disabled adult children of foreign professionals to participate in National Health Insurance as insured persons is abolished.
- Foreign special professionals who work in Taiwan and have salary income of more than NT\$ 3 million a year can deduct half of their salary for taxation for the first 3 years.



(Source : National Development Council)



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Useful websites for international professionals work in Taiwan

IDB SIPO



It provides information related to the news of semiconductor/smart electronics industry, industry status quo, activities, jobs openings, and talent pools.

Contact TAIWAN



A government website that recruits foreign professionals to work and experience life in Taiwan. It also provides foreign professionals and overseas Chinese or foreign students with information of quality job vacancies and employment services.

EZ Work Taiwan



It provides foreign professionals and overseas Chinese or foreign students with information related to their part-time / full-time work in Taiwan.