

Overview on
***Taiwan Semiconductor
Industry***
(2012 Edition)



Taiwan Semiconductor Industry Association
Rm. 1246, Bldg. 51, 195, Sec.4, Chung-Hsing Road
Chutung, Hsinchu, Taiwan 31015
TEL:+886-3-5913560 FAX:+886-3-5820056
<http://www.tsia.org.tw>

List of Content

I.	Preface-----	3
II.	Taiwan Semiconductor Industry in 2011-----	4
III.	Taiwan IC Market-----	12
IV.	Outlook -----	13
V.	Directory of Taiwan Semiconductor Companies-	14

I. Preface

This **Overview on Taiwan Semiconductor Industry** is a translated excerpt from an ITIS (Industrial Technology Information Services) publication, which provides an overview of Taiwan semiconductor industry in 2011. Also included is a directory of Taiwan semiconductor companies. These data should be valuable to those who wish to establish business relationship in Taiwan.

ITIS is a market research project, which is supported primarily by the Taiwan government. For semiconductor portion of the project, research was conducted in Industrial Economics & Knowledge Center of Industrial Technology Research Institute (IEK/ITRI).

Since the establishment of the Electronics Research and Service Organization of the Industrial Technology Research Institute (ERSO/ITRI) in early 1970's and its successive spin-offs of UMC and TSMC in 1980's, the semiconductor industry in Taiwan has been growing at a very fast pace. Currently TSIA represents approximately 70.2% of worldwide IC foundry revenue, 55.1% of worldwide package and testing revenue, around 20.1% of worldwide design revenue. As the industry plays an important role in the global market place, information about Taiwan semiconductor industry is desirable worldwide. TSIA hopes this **Overview on Taiwan Semiconductor Industry** will serve as a useful reference for our global friends who seek to establish a closer connection with Taiwan semiconductor companies. We welcome your comments.

II. Taiwan Semiconductor industry in Year 2011

Overview of the Year

In year 2011, the Greek debt crisis has impacted the global economy and weakened the end product markets in Europe, US, Japan, etc. Taiwan IC industry was also hurt by the harsh economic situation (due to European debt crisis, earthquake in Japan, and severe flood in Thailand) and experienced a bad year in 2011.

Taiwan semiconductor revenue (including design, manufacturing, packaging, and testing) totaled NT\$1,562.7 billion (about US\$53B, second to the US, and accounted for 17.7% of the US\$299.5B worldwide market), down 11.7% from 2010, with NT\$385.6 billion in design, a 15.2% decrease, NT\$786.7 billion in manufacturing, a 12.6% decrease, NT\$269.6 billion in packaging, down 6.1%, and NT\$120.8 billion in testing, down 5.5%.

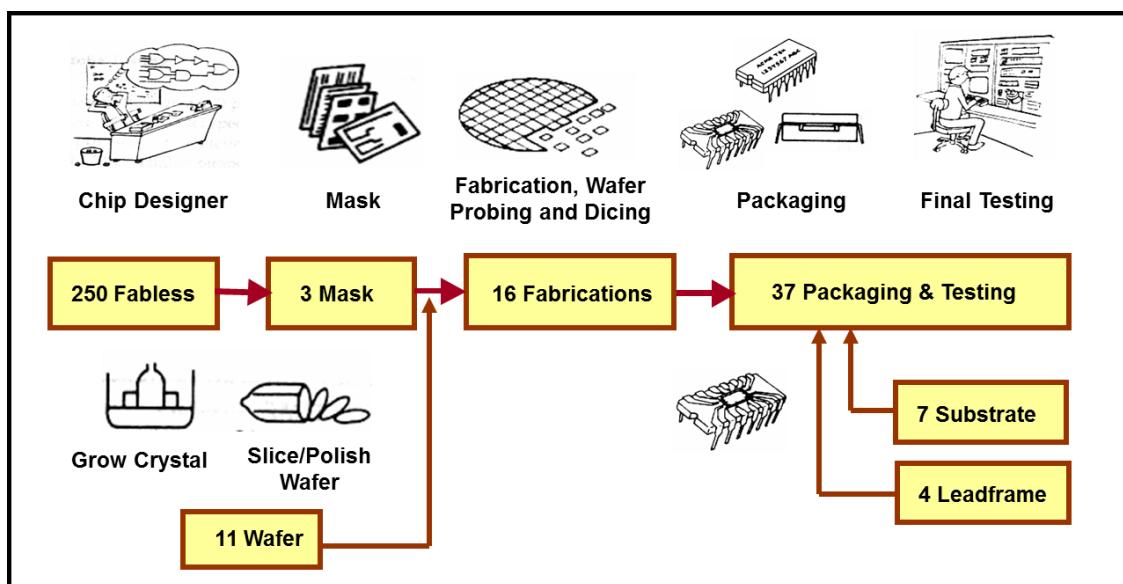
Taiwan semiconductor product revenue (including design and manufacturing product) reached NT\$599.4 billion (about US\$20.3B), ranked number 5 following US, South Korea, Japan, and Europe and accounted for 6.8% of the US\$299.5 billion worldwide market.

Table 1 Major Indices for Taiwan IC Industry

	NT\$ B					
	2010	2011	2012(e)	2013(f)	2014(f)	11/10
Industry Revenue	1,769.3	1,562.7	1,664.4	1,825.3	1,944.5	-11.7%
IC Design	454.8	385.6	412.6	457.4	480.2	-15.2%
IC Manufacturing	899.7	786.7	832.1	897.5	957.8	-12.6%
Foundry	583.0	572.9	638.2	683.6	735.5	-1.7%
Memory	316.7	213.8	193.9	213.9	222.3	-32.5%
IC Packaging	287.0	269.6	290.0	323.7	348.2	-6.1%
IC Testing	127.8	120.8	129.7	146.7	158.3	-5.5%
Product Revenue	771.5	599.4	606.5	671.3	702.5	-22.3%

Source : IEK-ITRI, TSIA (May 2012)

By the end of 2011, Taiwan Semiconductor industry consisted of 250 IC fabless design houses, 16 fabrication companies, 37 packaging and testing houses, 7 substrate suppliers, 11 wafer suppliers, 3 mask makers, and 4 leadframes companies, etc. (Figure 1). The advantages of cost efficiency, flexibility, and speed resulted from the vertically integrated infrastructure and the industry cluster effect have made Taiwan IC industry highly competitive in the global market. In 2011, market share of Taiwan IC design houses was number 2 worldwide (next to the US), foundry was number 1, and IC packaging and testing was number 1.



Source : IEK-ITRI, TSIA (May 2012)

Fig. 1 Unique Disintegrated Infrastructure in Taiwan (2011)

IC Fabless Companies

Taiwan IC design companies did not perform well in 2011, with revenue reached NT\$385.6 billion, down 15.2% from 2010. The forecasted Taiwan IC design revenue in 2012 is NT\$412.6 billion, a 7% growth from 2011.

1. Major Indices

In 2011, there were 250 design houses with revenue reached NT\$385.6 billion (Table 2), which comprised 24.7% of the total Taiwan IC revenue

(NT\$1,562.7 billion per Table 1) and 20.1% of worldwide IC design market. Taiwan IC design companies did not benefit from the increasing popularity of smartphones in 2011. The price competition from China IC design firms also deteriorated Taiwan IC design revenue.

Taiwan IC companies invested NT\$64 billion in R&D in 2011, which represented 16.6% of total fabless revenue and is expected to grow to 17.5% in 2012 due to the digital convergence trends of end products and the needs for smaller chip sizes.

2. Top 10 Fabless Companies in Taiwan

Table 2 shows the top 10 Taiwan Fabless Companies in 2011. The baseband chipset design company, Mediatek, remained the top one despite a 23.5% decline in revenue. Digital TV design company, Morning Star, and LCD driver IC design company, Novatek, ranked number two and three, with NT\$35.7 billion and NT\$35 billion in revenue, respectively.

Table 2 Top 10 Fabless companies in Taiwan, 2011

2010 Ranking	2011 Ranking	Company	2010 Revenue	2011 Revenue	Growth (%)	NT\$B
1	1	Mediatek	113.5	86.8	-23.5%	
3	2	Morning Star	33.6	35.7	6.3%	
2	3	Novatek	36.3	35.0	-3.5%	
4	4	Phison	31.8	32.3	1.7%	
5	5	Realtek	22.3	21.9	-1.7%	
6	6	Himax	20.3	18.7	-8.1%	
7	7	Richtek	12.1	10.7	-12.0%	
8	8	Global Unichip	10.3	9.1	-10.9%	
16	9	Ilitek	5.8	9.1	55.7%	
9	10	Raydium	9.2	9.1	-1.3%	

Note: Based on companies' combined revenue

Source : Market Observation Post System; IEK-ITRI, TSIA (May 2012),

IC Fabrication

As of 2011, there were 16 IC wafer fabrication companies in Taiwan, including foundry companies such as tsmc, UMC, Vanguard, Episil, Mosel, Lite-on Semiconductor, AMPI, Maxchip, and Win Semiconductors; IDMs such as Winbond and MXIC; and memory manufacturers such as Powerchip, Nanya, Inotera, Promos, and Rexchip.

Due to the global economic crises and the DRAM oversupply, Taiwan IC manufacturing revenue dropped 12.6% on-year to reach NT\$786.7B in 2011. However, benefited from the growing demand of smart handsets and advantage of process technology, capacity and production scale, foundry revenue decreased only 1.7% from NT\$583B in 2010 to NT\$572.9B in 2011.

Manufacturing product revenue (mainly DRAM) decreased dramatically by 32.5% from NT\$316.7B in 2010 to NT\$213.8B in 2011 due to the oversupply and disadvantage in cost efficiency.

1. Major Indices

Capital investment, mainly in 12-inch foundry fab capacity expansion and process technology advancing, increased 9.8%. The capital investment of Taiwan manufacturing companies is expected to reach NT\$341.6 billion in 2012, down 13.8% from 2011, due to the market uncertainty and some DRAM companies' out of DRAM manufacturing business.

Table 3 Major Indices of Taiwan IC Fabrication Business

	2008	2009	2010	2011	2012(e)
# of Companies	14	14	14	16	16
Revenue (NT\$B)	654.2	576.6	899.7	786.7	832.1
Growth (%)	-11.2%	-11.9%	56.0%	-12.6%	5.8%
WW Market Share	68.9%/20.0%	66.7%/15.7%	67.8%/12.8%	69.0%/8.1%	70.3%/5.8%
WW Ranking (Foundry/DRAM)	1, 3	1,3	1,3	1,4	1,4
Capital Investment (NT\$B)	163.3	142.0	361.0	396.2	341.6
Capital investment/ Revenue (%)	25.0%	24.6%	40.1%	50.4%	41.1%
R&D Employee(p)	8,060	8,123	8,265	8,382	8,473
R&D Expense (NT\$B)	50.9	45.4	58.7	65.2	73.2
R&D/Revenue (%)	7.8%	7.9%	6.5%	8.3%	8.8%
Workforce(p)	73,711	69,425	85,393	80,614	83,526
Average revenue per workforce (NT\$M)	9	8	11	10	10

Source : IEK-ITRI, TSIA (May 2012)

2. Top 10 IC Fabrication Companies in Taiwan

tsmc and UMC remained the top 2 IC fabrication companies in 2011. tsmc's revenue increased by 1.8%, reaching NT\$427.1 billion (NT\$419.5B in 2010). Vanguard remained the 3rd largest foundry company.

The IDM companies, Winbond and MXIC, still hurt by the bad memory market despite continuing their strategic adjustments of product lines and capacity. However, MXIC's revenue grew 0.7% to reach NT\$27.8B in 2011 thanks to its increased market share in NOR Flash and stable orders for ROM from Japan.

2011 was a tough year for Taiwan DRAM companies. Hit by the continuing price drop in the second half and the long-term loss, some companies have decided to quit the DRAM manufacturing business. It resulted in the plummet

of DRAM revenue.

Table 4 Top 10 Fabrication Companies in Taiwan, 2011

2010 Ranking	2011 Ranking	Company	2010 Revenue	2011 Revenue	Growth (%)	(NT\$B)
1	1	Tsmc	419.5	427.1	1.8%	
2	2	UMC	120.4	105.9	-12.0%	
3	3	Powerchip	80.8	37.7	-53.3%	
6	4	Inotera	41.5	37.4	-9.9%	
4	5	Nanya	56.5	36.7	-35.0%	
7	6	Winbond	39.9	34.7	-13.1%	
5	7	Rexchip	47.8	29.3	-38.7%	
8	8	MXIC	27.6	27.8	0.7%	
10	9	Vanguard	16.0	15.2	-5.0%	
9	10	Promos	22.5	10.0	-55.6%	

Source : Company Statement, IEK-ITRI, TSIA (May 2012)

IC Packaging & Testing

Taiwan IC packaging and testing revenue reached NT\$390.4 billion in 2011, down 5.9% on-year but still outperformed the total Taiwan IC revenue, with NT\$269.6B in packaging and NT\$120.8B in testing. 2012 is expected to be a better year for packaging and testing companies, with revenue forecasted to be NT\$419.7 billion (NT\$290B in packaging and NT\$129.7B in testing), a 7.5% rise from 2011.

1. Major Indices

Taiwan packaging and testing revenue represented 53.5% of the global packaging and testing revenue and remained the number 1 in the worldwide market, followed by US and Singapore.

Taiwan packaging and testing companies reduced their capital investment in 2011 due to the slowdown in demand. ASE lowered its capital investment by 34% (compared with 2010) to US\$0.73 billion but still listed in the top 20

among global semiconductor companies in capital investment. Total capital investment of Taiwan packaging and testing companies reached NT\$84.7 billion in 2011.

Table 5 Major Indices of Taiwan Packaging and Testing Industry

	2008	2009	2010	2011	2012(e)
# of Companies	37	37	37	37	35
Revenue (NT\$B)	350.0	316.4	414.8	390.4	419.7
Growth (%)	-0.9%	-9.6%	31.1%	-5.9%	7.5%
WW Market Share	55.2%	55.8%	53.0%	53.5%	56.6%
WW Ranking	1	1	1	1	1
Capital Expense (NT\$B)	75.6	42.1	93.3	84.7	86.9
Capital Expense/Revenue (%)	21.6%	13.3%	22.5%	21.7%	20.7%
R&D Employee (p)	3,297	3,258	3,796	3,755	3,850
R&D Expense (NT\$B)	9.1	8.9	10.8	11.3	12.6
R&D/Revenue (%)	2.6%	2.8%	2.6%	2.9%	3.0%
Workforce (p)	90,081	83,531	93,972	91,520	92,300
Average revenue per workforce (NT\$M)	389	379	441	427	455

Source: IEK-ITRI, TSIA (May 2012)

2. Top 10 Packaging & Testing Companies

Table 6 shows the top 10 Taiwan packaging and testing companies in 2011. Total revenue of top 5 companies comprised 66% of total Taiwan packaging and testing revenue and that of top 10 comprised 79%. Thus small companies are difficult to compete.

ASE, SPIL, and PTI remained the top 3 packaging and testing companies in Taiwan. In line with the global economic downturn, revenues of most Taiwan packaging and testing companies declined.

Table 6 Top 10 IC Packaging and Testing Companies

2010 Ranking	2011 Ranking	Company	2010 Revenue	2011 Revenue	Growth (%)	(NT\$B)
1	1	ASE *	125.7	127.6	1.5%	
2	2	SPIL	63.9	61.3	-4.1%	
3	3	PTI	38.0	39.5	4.1%	
4	4	Chipmos	14.6	16.0	9.5%	
6	5	Chipbond	12.5	13.0	3.4%	
7	6	FATC	11.8	11.9	0.4%	
5	7	KYEC	14.2	11.5	-19.0%	
8	8	OSE	10.9	10.4	-5.2%	
9	9	Greatek	10.2	8.7	-14.6%	
10	10	Walton	7.7	7.6	-0.5%	

*: USI revenue excluded

Source : Market Observation Post System; IEK-ITRI, TSIA (May 2012)

III. Taiwan IC Market

In 2011, Taiwan IC market reached NT\$599.4 billion, a 22.3% decline from the NT\$771.5 billion of 2010. Imported ICs decreased 1.5% to NT\$482.9 billion and exported ICs increased 3.6% to NT\$1,084.4 billion. Major products included down-stream PCs, DRAM modules, internet and communication products, and LCD monitors, etc. (Table 7)

Table 7 Top 10 Import/Export Regions of Taiwan IC Market

Import				Export			
Ranking	Country	Amount	Market Share	Ranking	Country	Amount	Market Share
1	South Korea	125.9	26.1%	1	Hong Kong	379.3	35.0%
2	China	78.2	16.2%	2	China	231.3	21.3%
3	Japan	43.7	9.1%	3	Singapore	226.9	20.9%
4	Malaysia	43.5	9.0%	4	Japan	78.3	7.2%
5	Philippines	27.8	5.8%	5	South Korea	51.8	4.8%
6	Thailand	21.6	4.5%	6	US	25.8	2.4%
7	Singapore	21.1	4.4%	7	Malaysia	24.6	2.3%
8	US	8.8	1.8%	8	Philippines	17.6	1.6%
9	Costa Rica	5.9	1.2%	9	Thailand	13.6	1.3%
10	Germany	2.5	0.5%	10	Germany	5.0	0.5%
	Others	106.4	21.4%		Others	30.2	2.7%
	Total	482.9	100.0%		Total	1,084.4	100.0%

Source : Taiwan Customs ; IEK-ITRI, TSIA (June 2012)

IV. Outlook

The global semiconductor market is expected to recover steadily and start to grow in 2012. The diversified applications of semiconductor technology will boost the growth of smart phone and tablet PC markets. Driven by the growing demand for mobile devices including tablet PC, smart phone, and smart TV, 2012 Taiwan IC revenue is forecasted to reach NT\$1,664.4 billion, a 6.5% growth from 2011.

V. Directory of Taiwan Semiconductor Companies

Fabless

5V Technologies TEL:886-2-27888118 FAX:886-2-27887366 www.5vtechnologies.com	AAT TEL:886-3-5633125 FAX:886-3-5633126 www.aatech.com.tw	ACARD TEL:886-2-85122290 FAX:886-2-85122548 www.acard.com
AccFast TEL:886-2-85122290 FAX:886-2-85122548 www.acard.com	Acute TEL:886-3-5790680 FAX:886-3-5775606 www.acutecomm.com.tw	AIC TEL: 886-3-5772500 FAX:886-3- 5772510 www.analog.com.tw
AIT TEL:886-3-6560528 FAX:886-3-6565051 www.a-i-t.com.tw	AiT TEL:886-2-26961202 FAX:886-2-26961201 www.ait-ic.com	Airoha TEL: 886-3-6128800 FAX:886-3- 6118833 wwwairoha.com.tw
Alchip Technologies TEL: 886-2-27992318 FAX:886-2-26997389 www.alchip.com	Alcor Micro TEL:886-2-26535000 FAX:886-2-26534000 www.alcormicro.com	AlfaPlus TEL:886-3-5163270 FAX:886-3-5163267 www.alfaplus.com.tw
ALI TEL:886-2-87522000 FAX:886-2-87511001 www.ali.com.tw	Alpha TEL:886-3-5736660 FAX:886-3-5736661 www.ealpha.com.tw	Altus TEL:886-37-587888 www.altus-tech.com
Ambarella TEL:886-3-6668828 FAX:886-3-6661282 www.ambarella.com	AMIC TEL:886-3-5679966 FAX:886-3-5679977 www.amictechnology.com	AMICCOM TEL:886-3-5785818 FAX:886-3-5785819 www.amiccom.com.tw
Ampson TEL:886-3-5324129 FAX:886-3-5314935 www.ampson.com.tw	Amtek TEL:886-2-29998989 FAX:886-2-29992929 www.amtek-semi.com	ANA TEL:886-2-26558676 FAX:886-2-26558228 www.anatek.com.tw

AnaGlobe TEL:886-3-8741002 FAX:886-3-5741006 www.anaglobe.com.tw	ANDES TEL:886-3-6668300 FAX:886-3-6668322 www.andestech.com	AnMO TEL:886-3-5357868 FAX:886-3-5358098 www.anmo.com.tw
ANPEC TEL:886-3-5642000 FAX:886-3-5642050 www.anpec.com.tw	AnSC TEL:886-3-6669898 FAX:886-3-5632246 www.ansc.com.tw	APEC TEL:886-3-6215899 FAX:886-3-6215999 www.a-power.com.tw
APLUS TEL:886-2-27829266 FAX:886-2-27829255 www.aplusinc.com.tw	Arques Technology TEL:886-2-89131333 FAX:886-2-89131366 www.arquestech.com	ASIX TEL:886-3-5799500 FAX:886-3-5799558 www.asix.com.tw
Asmedia TEL:886-2-22196088 FAX:886-2-22196080 www.asmedia.com.tw	Asolid TEL:886-3-5736032 FAX:886-3-5736300 www.asolid-tek.com	ASPEED TEL:886-3-5789568 FAX:886-3-5789586 www.aspeedtech.com
ASUKA TEL:886-3-6667117 FAX:886-3-6667104 www.asuka-mobile-tv.com	Atech TEL:886-2-82215488 FAX:886-2-82215489 www.8tec.com	AuMOS TEL:886-3-5790567 FAX:886-3-5775909 www.aumos.com.tw
AverLogic TEL:886-2-87523988 FAX:886-2-87523989 www.averlogic.com	AVID TEL:886-3-5795222 FAX:886-3-5787789 www.avid.com.tw	Avisonic TEL:886-3-5778077 FAX:886-3-6661301 www.avisonic.com
AviQ TEL:886-3-5633766 FAX:886-3-5633761 www.aviqtech.com	AXELite TEL:886-3-5776662 FAX:886-3-5788661 www.axelite.com.tw	BiTEK TEL:886-2-25705818 FAX:886-2-25708118 www.bitek.com.tw
BSI TEL:886-3-5798801 FAX:886-3-5787439 www.bsi.com.tw	Capella TEL:886-2-82186600 FAX:886-2-82186602 www.capellamicro.com	CDT TEL:886-2-22994908 FAX:886-2-22990133 www.cdt.com.tw

CFP TEL:886-2-22326558 FAX:886-2-22327558 www.cfpt.com.tw	Champion TEL:886-3-5679979 FAX:886-3-5679909 www.championmicro.com.tw	CHESEN TEL:886-2-82265589 FAX:886-2-82265181 www.chesen.com.tw
Chingis TEL:886-3-5633616 FAX:886-3-5633696 www.chingistek.com	Chip Goal TEL:886-3-5169219 FAX:886-3-5169197 www.chipgoal.com.tw	Chip Hope TEL:886-2-82271166 FAX:886-2-82271296 www.chiphope.com.tw
CHIPMAST TEL:886-3-5510850 FAX:886-3-5510860 www.chipmast.com.tw	CHiPLUS TEL:886-3-5637887 FAX:886-3-5637877 www.chiplus.com	Cion TEL:886-3-6003888 FAX:886-3-6002888 www.cion.com.tw
C-Media TEL:886-2-87731100 FAX:886-2-87732211 www.cmedia.com.tw	CMI TEL:886-3-6667388 FAX:886-3-6668670 www.crystalmedia.com.tw	CMSC TEL:886-3-5634866 FAX:886-3-5634863 www.cmsc.com.tw
CoAsia TEL:886-2-26557699 FAX:886-2-26557189 www.coasia.com.tw	Conwise TEL:886-3-5719889 FAX:886-3-5719969 www.conwise.com.tw	CTC TEL:886-3-5311161 FAX:886-3-5338403 www.ctcasic.com.tw
CYRUSTEK TEL:886-3-5910216 FAX:886-3-5910217 www.cyrustek.com.tw	DATARiT TEL:886-3-5169089 FAX:886-3-5169087 www.ritdata.com	dau TEL:886-2-81770267 FAX:886-2-27967742 www.dausemi.com
Davicom TEL:886-3-5798797 FAX:886-3-5646929 www.davicom.com.tw	DenMOS TEL:886-3-5665886 FAX:886-3-5665809 www.denmos.com.tw	DIGIWELL TEL:886-3-5782910 FAX:886-3-5639464 www.digiwell.com.tw
DIODES TEL:886-2-89146000 FAX:886-2-89146639 www.diodes.com	Dorado TEL:886-3-5166000 FAX:886-3-5166668 www.dorado-da.com	E-CMOS TEL:886-3-5785888 FAX:886-3-5783630 www.ecmos.com.tw

E-COM TEL:886-2-23970618 FAX:886-2-23979888 www.eecom.com.tw	EE Solutions TEL:886-3-5678568 FAX:886-3-5678611 www.e2-solutions.com.tw	EETI TEL:886-2-877515191 FAX:886-2-27978808 www.eeti.com
eFortune TEL:886-2-26592810 FAX:886-2-26592987 www.eftech.com.tw	ELAN TEL:886-3-5639977 FAX:886-3-5639966 www.emc.com.tw	ELANSat TEL:886-3-5635105 FAX:886-3-5635107 www.elansat.com.tw
eMemory TEL:886-3-5601168 FAX:886-3-5601169 www.ememory.com.tw	ENABLE TEL:886-3-5525233 FAX:886-3-5525236 www.enable-semi.com	ENE TEL:886-3-6662888 FAX:886-3-6662999 www.ene.com.tw
EON TEL:886-3-5525686 FAX:886-3-5525696 www.eonssi.com.tw	EOREX TEL:886-3-5585138 FAX:886-3-5585139 www.eorex.com	Epicom TEL:886-3-5775776 FAX:886-3-5775180 www.epic.com.tw
ESMT TEL:886-3-5781970 FAX:886-3-5644432 www.esmt.com.tw	Etoms TEL:886-3-6661766 FAX:886-3-6661765 www.etomscorp.com	Etron TEL:886-3-5782345 FAX:886-3-5779001 www.etrон.com
EUTECH TEL:886-3-3164556 FAX:886-3-3164557 www.eutechmicro.com	Evercorp. TEL:886-2-87971106 FAX:886-2-87971107	EverMore TEL:886-3-5642060 FAX:886-3-5798303 www.emt.com.tw
EXPLORE TEL:886-3-5643595 FAX:886-3-5643596 www.epmi.com.tw	Faraday TEL:886-3-5787888 FAX:886-3-5787889 www.faraday-tech.com/index.html	Feeling Technology TEL:886-3-5600588 FAX:886-3-6205599 www.feeling-tech.com.tw

Fintek TEL:886-3-5600168 FAX:886-3-5600166 www.fintek.com.tw	Fitipower TEL:886-3-7587199 FAX:886-3-7587189 www.fitipower.com.tw	FocalTech Systems TEL:886-3-5833687 FAX:886-3-5837352
Fortune TEL:886-2-28094742 FAX:886-2-28094874 www.ic-fortune.com	FRONTAND TEL:886-3-3240501 FAX:886-3-3249496 www.frontand.com.tw	FS-Semi TEL:886-3-5789275 FAX:886-3-5788867
Gemstone TEL:886-2-23886868 FAX:886-2-23882699 www.gemstone.com.tw	Generalplus TEL:886-3-6662118 FAX:886-3-6662117 www.generalplus.com	Genesys Logic TEL:886-2-89131888 FAX:886-2-89131688 www.genesyslogic.com
G-Link TEL:886-3-5782833 FAX:886-3-5783259 www.glink.com.tw	Global Unichip Corp. TEL:886-3-5646600 FAX:886-3-5636386 www.globalunichip.com	GMT TEL:886-2-82273608 FAX:886-2-82273606 www.gmt.com.tw
Goyatek TEL:886-3-5631051 FAX:886-3-5631052 www.goya.com.tw	Green Mark TEL:886-2-89132089 FAX:886-2-89132068 www.green-mark.com	Grenery TEL:886-3-5786363 FAX:886-3-5643838 www.greenergy-ic.com
G-Time TEL:886-3-5733606 FAX:886-3-5733638 www.g-time.com.tw	Higher Way TEL:886-4-23550011 FAX:886-4-23550022 www.higherway.com.tw	Himax TEL:886-6-5050880 FAX:886-6-5070000 www.himax.com.tw
Holtek TEL:886-2-26557070 FAX:886-2-26557373 www.holtek.com.tw	Holylite TEL:886-3-5734589 FAX:886-3-5734690 www.holylite.com.tw	ICARTiS TEL:886-2-26547688 FAX:886-2-26549188 www.icartisusa.com

ICNexus TEL:886-2-27891200 FAX:886-2-27891201 www.icnexus.com.tw	IC Plus Corp. TEL:886-2-26961669 FAX:886-2-26962220 www.icplus.com.tw	IdeaCom TEL:886-2-29110868 FAX:886-2-29110828 www.ideacom.com.tw
IDESYN TEL:886-3-6586257 FAX:886-3-6586332 www.idesyn.com	ILITEK TEL:886-3-5600099 FAX:886-3-5600055 www.ilitek.com	Imagiatek TEL:886-2-86636738 FAX:886-2-86635718 www.imagiatek.com
Incentia TEL:886-3-5782868 FAX:886-3-5785618 www.incentia.com.tw	InCOMM TEL:886-2-26599609 FAX:886-2-26599603 www.incomm.com.tw	InfoMax TEL:886-3-6668866 FAX:886-3-6668869 www.infomax.com.tw
INITIO TEL:886-2-87516377 FAX:886-2-87510165 www.initio.com	Innochip TEL:886-3-6663077 FAX:886-3-6661339 www.innochip.com.tw	Innostar Technology TEL:886-3-5589797 FAX:886-3-5589331 www.innostar.com
INNO-TECH TEL:886-2-87913636 FAX:886-2-87913699 www.inno.com.tw	IPLIB TEL:886-3-5169288 FAX:886-3-5169283 www.iplib.com	IPwork TEL:886-3-5635198 FAX:886-3-5635089 www.ipworks.com.tw
ISSC TEL:886-3-5778385 FAX:886-3-5778501 www.issc.com.tw	ISSI TEL:886-3-5780333 FAX:886-3-5783000 www.issi.com	iSoft TEL:886-2-89131725 FAX:886-2-89131722 www.isoft.com.tw
IST TEL:886-2-87977911 FAX:886-2-87977915 www.ist4u.com	ITE Tech. Inc. TEL:886-3-5798658 FAX:886-3-5794803 www.ite.com.tw	Jeilin TEL:886-2-82215466 FAX:886-2-82215456 www.jeilin.com.tw
Jmicron TEL:886-3-5797389 FAX:886-3-5799566 www.jmicron.com	Kolorific TEL:886-2-26558289 FAX:886-2-26558755 www.kolorific.com	KTC TEL:886-3-5798608 FAX:886-3-5775640 www.ktc.com.tw

Leadtrend TEL:886-3-5783588 FAX:886-3-5787288 www.leadtrend.com.tw	Legend Design TEL:886-3-5710000 FAX:886-3-5716598 www.legendDesign.com	Linear-Artwork TEL:886-2-89131898 FAX:886-2-89131980 www.linear-artwork.com
Lionic TEL:886-3-5789399 FAX:886-3-5789595 www.lionic.com	Lyontek TEL:886-3-6668838 FAX:886-3-6668836 www.lyontek.com.tw	Macroblock TEL:886-3-5790068 FAX:886-3-5797534 www.mblock.com.tw
Magellan Discovery TEL:886-2-87510388 FAX:886-2-87510399 www.magellandiscovery.com	Magic Pixel Inc. TEL:886-3-6668822 FAX:886-3-6668811 www.magicpixel.com.tw	MaxRise TEL:886-3-6687667 FAX:886-3-6687662 www.maxrise.com.tw
Media Scope TEL:886-2-82276582 FAX:886-2-22286833 www.mstcweb.com	MediaTek TEL:886-3-5670766 FAX:886-3-5787610 www.mediatek.com.tw	Megawin TEL:886-3-5750050 FAX:886-3-5750070 www.megawin.com.tw
MemoCom Corp. TEL:886-3-5730808 FAX:886-3-5720518 www.memocom.com.tw	MEMSMART TEL:886-2-25976188 FAX:886-2-25961199 www.memsmart.com.tw	METANOiA TEL:886-3-5776123 FAX:886-3-5776132 www.metanoia-comm.com
MicroLinks TEL:886-7-6579551 FAX:886-7-6579561 www.vitiny.com	Mobile Devices TEL:886-3-6675919 FAX:886-3-6675939 www.mdv.com.tw	Mobile Magic Design TEL:886-3-6668188 FAX:886-3-5635888 www.mobilemagic.info
Modiotek TEL:886-3-6668881 FAX:886-3-6668883 www.modiotek.com.tw	MOSA TEL:886-2-26982008 FAX:886-2-26982006 www.mosanalog.com	MosArt TEL:886-2-29599180 FAX:886-2-29599323 www.mosart.com.tw
MOSDESIGN TEL:886-2-22783733 FAX:886-2-22783633 www.mosdesign.com.tw	Mstar Semiconductor TEL:886-3-5526006 FAX:886-3-5526009 www.mstarsemi.com	MuChip TEL:886-3-6668000 FAX:886-3-6668060 www.muchip.com.tw

Mxtran TEL:886-3-6661778 FAX:886-3-6662568 www.mxtran.com	Myson-Century TEL:886-3-5784866 FAX:886-3-5784349 www.myson.com.tw	Neotec TEL:886-3-5525989 FAX:886-3-5525789 www.neotec.com.tw
nFore TEL:886-2-87683983 FAX:886-2-87872284 www.nforetek.com	NIKO-SEM TEL:886-2-26426789 FAX:886-2-26495288 www.niko-sem.com	Novatek TEL:886-3-5670889 FAX:886-3-5770132 www.novatek.com.tw
Orise Technology TEL:886-3-6661660 FAX:886-3-6661800 www.orisetech.com	OTI TEL:886-3-5537511 FAX:886-3-5555804 www.oti.com.tw	Padauk TEL:886-3-5327598 FAX:886-3-5333217 www.padauk.com.tw
Pan Signal TEL:886-3-5545370 FAX:886-3-5545371 www.pansignal.com.tw	Parade Technologies TEL:886-2-26279109 FAX:886-2-26279339 www.paradetech.com	Paradom TEL:886-3-5710980 FAX:886-3-5735386
PGC TEL:886-2-26582233 FAX:886-2-26580915 www.pgc.com.tw	Phase Link TEL:886-2-29100248 FAX:886-2-29100249 www.phaselink.com	Phison TEL:886-3-7586896 FAX:886-3-7586866 www.phison.com
PixArt TEL:886-3-5795317 FAX:886-3-5795305 www.pixart.com.tw	PRESCOPE TEL:886-2-86675353 FAX:886-2-86658060 www.prescope.com	PTC TEL:886-2-66296288 FAX:886-2-29174598 www.princeton.com.tw
Prolific TEL:886-2-26546363 FAX:886-2-26546161 www.prolific.com.tw	Quantek TEL:886-2-29106186 FAX:886-2-29106336 www.quantek-inc.com	Rafael Microelectronics TEL:886-3-5820868 FAX:886-3-5820968 www.rafaelmicro.com
RAiO TEL:886-3-5637888 FAX:886-3-5637666 www.raio.com.tw	Rato TEL:886-2-87920777 FAX:886-2-87928686 www.rato.com.tw	Raydium TEL:886-3-6661818 FAX:886-3-5661919 www.rad-ic.com

RDC TEL:886-3-6662866 FAX:886-3-5631498 www.rdc.com.tw	Realtek TEL:886-3-5780211 FAX:886-3-5776047 www.realtek.com.tw	Red Falcon TEL:886-2-27097718 FAX:886-2-27097705 www.redfalcon.com.tw
RichTek TEL:886-3-5526789 FAX:886-3-5526611 www.richtek.com	RisingRay TEL:886-3-6675282 FAX:886-3-6675280 www.risingray.com	SamHop TEL:886-2-22183978 FAX:886-2-22186649 www.samhop.com.tw
SCI TEL:886-3-5733997 FAX:886-3-5733968 www.syschips.com	SEAWARD TEL:886-2-27120307 FAX:886-2-27120191 www.seawardinc.com.tw	Semitech TEL:886-2-32348788 FAX:886-2-32347322 www.semitech.com.tw
Sentelic TEL:886-2-87525880 FAX:886-2-87526990 www.sentelic.com	Silicon Based TEL:886-3-5777897 FAX:886-3-5779832 www.sbt.com.tw	Silicon Motion TEL:886-3-5526888 FAX:886-3-5526988 www.siliconmotion.com
Sino Matrix TEL:886-3-5640786 FAX:886-3-5640785 www.sinomatrix.com	SiS TEL:886-3-5166000 FAX:886-3-5166668 www.sis.com	SiTI TEL:886-3-5645656 FAX:886-3-5645626 www.siti.com.tw
Sitronix TEL:886-3-5526500 FAX:886-3-5526501 www.sitronix.com.tw	Skymedi TEL:886-3-5781638 FAX:886-3-5781626 www.skymedi.com.tw	SMARTCHIP TEL:886-2-82218800 FAX:886-2-82218585 www.smartchip.com.tw
Socle Technology TEL:886-3-5163166 FAX:886-3-5163177 www.socle-tech.com.tw	Solid State System TEL:886-3-5526568 FAX:886-3-5526566 www.3system.com.tw	SONiX TEL:886-3-5600888 FAX:886-3-5600889 www.sonix.com.tw
SQ TEL:886-2-66181177 FAX:886-2-66196777 www.sq.com.tw	Sunext TEL:886-3-6661311 FAX:886-3-6661338 www.sunext.com	Sunlinks TEL:886-3-5163228 FAX:886-3-5163229 www.sunlinks.com.tw

Sunplus TEL:886-3-5786005 FAX:886-3-5786006 www.sunplus.com.tw	SunplusIT TEL:886-3-5632822 FAX:886-3-6687799 www.sunplusit.com	Sunplus mMedia TEL:886-3-5799699 FAX:886-3-5786005 www.sunplusmm.com
Sunplus mMobile TEL:886-3-5799699 FAX:886-3-5786006 www.sunplusmm.com	SyncMOS TEL:886-3-5789988 FAX:886-3-5671898 www.syncmos.com.tw	Syncpower TEL:886-2-26558178 FAX:886-2-26558468 www.syncpower.com
Synerchip TEL:886-3-5641788 FAX:886-3-5641789 www.synerchip.com	SYNIC TEL:886-3-5169188 FAX:886-3-5169111 www.syncomm.com.tw	Syntek TEL:886-3-5773181 FAX:886-3-5778010 www.stk.com.tw
Syntronix TEL:886-3-6200200 FAX:886-3-5631980 www.syntronix.com.tw	System General TEL:886-2-29173005 FAX:886-2-29111283 www.sg.com.tw	Tai'mec TEL:886-3-5526221 FAX:886-3-5526222 www.taimec.com.tw
Teamtech TEL:886-2-26571135 FAX:886-2-26570029 www.techsoft.com.tw	TECHSOFT TEL:886-3-4273535 FAX:886-3-4226073 www.techsoft.com.tw	TenX TEL:886-2-82571700 FAX:886-2-82571701 www.tenx.com.tw
Terawins TEL:886-2-82278277 FAX:886-2-82278333 www.terawins.com.tw	Terminus TEL:886-2-27865672 FAX:886-2-27864018 www.terminus-tech.com	TI TEL:886-2-23786800 FAX:886-2-29409980 www.ti.com.tw
TITC TEL:886-3-5829011 FAX:886-3-5829028 www.imaging-tek.com	TMTech TEL:886-3-5787720 FAX:886-3-5787719 www.tmtech.com.tw	Tontek TEL:886-2-82265916 FAX:886-2-82265929 www.tontek.com.tw
Topro TEL:886-3-5632585 FAX:886-3-5632588 www.topro.com.tw	TOPSOC TEL:886-2-26558258 FAX:886-2-26558609 www.topsoc.com.tw	Trident TEL:886-2-26577686 FAX:886-2-26278727 www.trident.com.tw

Tritan TEL:886-3-5160191 FAX:886-3-5160233 www.tritan.com.tw	UBEC TEL:886-3-5729898 FAX:886-3-5718599 www.ubec.com.tw	Ulead Technology TEL:886-3-5631989 FAX:886-3-5631585 www.uleadtek.com.tw
UltraChip TEL:886-2-87978947 FAX:886-2-87978910 www.ultrachip.com	UniSense Tech TEL:886-3-6686778 FAX:886-3-6686779	UTC TEL:886-2-29995013 FAX:886-2-29991561 www.unisonic.com.tw
VastView TEL:886-3-5637423 FAX:886-3-5637481 www.vastview.com.tw	VeriSilicon TEL:886-2-26562606 FAX:886-2-26562604 www.verisilicon.com	VIA TEL:886-2-22185452 FAX:886-2-22185453 www.viatech.com.tw
V-TAC TEL:886-2-26951620 FAX:886-2-26959367 www.vtac.com.tw	VXIS TEL:886-3-5630888 FAX:886-3-5630889 www.vxis.com	Weltrend TEL:886-3-5780241 FAX:886-3-5794278 www.weltrend.com.tw
WindTop TEL:886-3-5710303 FAX:886-3-5710202 www.windtoptek.com	Winson TEL:886-3-6673166 FAX:886-3-6671367 www.winson.com.tw	WYS TEL:886-3-5799866 FAX:886-3-5799855 www.wys.com.tw
Xtramus TEL:886-2-82276611 FAX:886-2-82276622 www.xtramus.com	YMC TEL:886-3-5526035 FAX:886-3-5526036 www.ymc.com.tw	Yobon TEL:886-2-82191005 FAX:886-2-82193521 www.yobon.com.tw
Yotta TEL:886-2-26552858 FAX:886-2-26552890 www.yotta-labs.com	Yuantonix TEL:886-3-5739593 FAX:886-3-5626641 www.yuantonix.com	Zentel TEL:886-3-5799599 FAX:886-3-5799299 www.zentel.com.tw

IC Fab.

AMPI TEL:886-3-5770033 FAX:886-3-5778211 www.ampi.com.tw	EPISIL TEL:886-3-5779245 FAX:886-3-5776289 www.episil.com	Inotera TEL:886-3-3272988 FAX:886-3-3282383 www.inotera.com
Lite-On TEL:886-2-29160230 FAX:886-2-29158475 www.liteon-semi.com	Maxchip TEL:886-3-5656000 FAX:886-3- www.maxchip.com.tw	Mosel-Vitelic Inc. TEL:886-3-5783344 FAX:886-3-5665888 www.mosel.com.tw
MXIC TEL:886-3-5786688 FAX:886-3-5632888 www.macronix.com	NANYA TEL:886-3-3281688 FAX:886-3-3960997 www.nanya.com	ProMOS TEL:886-3-5798308 FAX:886-3-5791685 www.promos.com.tw
PSC TEL:886-3-5795000 FAX:886-3-5788565 www.psc.com.tw	Rexchip TEL:886-4-25218000 FAX:886-4-25218183 www.rexchip.com	tsmc TEL:886-3-5636688 FAX:886-3-5783032 www.tsmc.com
UMC TEL:886-3-5782258 FAX:886-3-5779392 www.umc.com	VIS TEL:886-3-5770355 FAX:886-3-5789851 www.vis.com.tw	WIN TEL:886-3-3975999 FAX:886-3-3975069 www.winfofoundry.com
Winbond TEL:886-3-5678168 FAX:886-3-5796024 www.winbond.com		

IC Packaging

Abomem TEL:886-37-580880 FAX:886-37-586824 www.abomem.com.tw	ADL TEL:886-3-5983232 FAX:886-3-5973763 www.adleng.com	Aptostech TEL:886-3-5983232 FAX:886-3-5976565 www.aptostech.com
--	--	---

ASE TEL:886-7-3617131 FAX:886-7-3613094 www.aseglobal.com	CET TEL:886-2-22233315 FAX:886-2-22227458 www.cetsemi.com	Chant World TEL:886-7-3634567 FAX:886-7-3657789 www.cwti.com.tw
Chipbond TEL:886-3-5678788 FAX:886-3-5638998 www.chipbond.com.tw	ChipMos TEL:886-3-5770055 FAX:886-3-5668995 www.chipmos.com	Domintech TEL:886-2-22901288 FAX:886-2-22901266 www.domintech.com.tw
FATC TEL:886-5-5574095 FAX:886-5-5574105 www.fatc.com.tw	Greatek TEL:886-3-7638568 FAX:886-3-7628323 www.greatek.com.tw	Kingpak TEL:886-3-5535888 FAX:886-3-5538196 www.kingpak.com.tw
Lingsen TEL:886-4-25335120 FAX:886-4-25350183 www.lingsen.com.tw	Macrotech TEL:886-3-5779980 FAX:886-3-5779555 www.mti.hsip.com.tw	MEICER TEL:886-3-4616666 FAX:886-3-4617777 www.meicer.com.tw
Nanotech TEL:886-3-3245666 FAX:886-3-3245088 www.nanotechsemi.com.tw	OSE TEL:886-7-3613131 FAX:886-7-3632319 www.ose.com.tw	Panjit TEL:886-7-6213121 FAX:886-7-6213129 www.panjit.com
Power ASE Technology TEL:886-3-4527121 FAX:886-3-4511792 www.pwrase.com	Powertest TEL:886-3-5980300 FAX:886-3-5973805 www.pti.com.tw	Sigurd TEL:886-3-5959213 FAX:886-3-5944495 www.sigurd.com.tw
SPIL TEL:886-4-25341525 FAX:886-4-25342025 www.spil.com.tw	TEPC TEL:886-3-5529911 FAX:886-3-5520420 www.twepc.com.tw	TICP TEL:886-7-8158800 FAX:886-7-8159456 www.ticp.com.tw
TMC TEL:886-3-5979402 FAX:886-3-5979406 www.tmc.com.tw	TongHsing TEL:886-2-26790122 FAX:886-2-26791211 www.theil.com	VisEra TEL:886-3-6668788 FAX:886-3-6667115 www.viseratech.com

Walton
TEL:886-7-8111330
FAX:886-7-8114732
www.walton.com.tw

Xin Tec
TEL:886-3-4331818
FAX:886-3-4331515
www.xintec.com.tw

IC Testing

Abomem
TEL:886-37-580880
FAX:886-37-586824
www.abomem.com.tw

ADL
TEL:886-3-5983232
FAX:886-3-5973763
www.adleng.com

Ardentec
TEL:886-3-5976688
FAX:886-3-5971397
www.ardentec.com

ASE
TEL:886-7-3617131
FAX:886-7-3613094
www.aseglobal.com

ASE Test
TEL:886-7-3636641
FAX:886-7-3636663
www.aseglobal.com

CET
TEL:886-2-22233315
FAX:886-2-22227458
www.cetsemi.com

Chant World
TEL:886-7-3634567
FAX:886-7-3657789
www.cwti.com.tw

ChipMOS
TEL:886-3-5770055
FAX:886-3-5668995
www.chipmos.com

Etrend
TEL:886-3-5544308
FAX:886-3-5544312
www.etrendtech.com.tw

Eutrend Technology
TEL:886-3-5633335
FAX:886-3-5633347

FATC
TEL:886-5-5574095
FAX:886-5-5574105
www.fatc.com.tw

Giga Solution
TEL:886-3-6116168
FAX:886-3-5630100
www.giga-solution.com

Global Test
TEL:886-3-5987168
FAX:886-3-5981826
www.gttw.com.tw

Greatek
TEL:886-3-7638568
FAX:886-3-7628323
www.greatek.com.tw

KYEC
TEL:886-3-5751888
FAX:886-3-5753866
www.kyec.com.tw

Kingpak
TEL:886-3-5535888
FAX:886-3-5538196
www.kingpak.com.tw

Lingsen
TEL:886-4-25335120
FAX:886-4-25350183
www.lingsen.com.tw

Macrotech
TEL:886-3-5779980
FAX:886-3-5779555
www.mti-hsip.com.tw

MEICER TEL:886-3-4616666 FAX:886-3-4617777 www.meicer.com.tw	Nanotech TEL:886-3-3245666 FAX:886-3-3245088 www.nanotechsemi.com.tw	OSE TEL:886-7-3613131 FAX:886-7-3632319 www.ose.com.tw
Panjit TEL:886-7-6213121 FAX:886-7-6213129 www.panjit.com	Panther TEL:886-3-5977300 FAX:886-3-5986024 www.panther.com.tw	Power ASE Technology TEL:886-3-4527121 FAX:886-3-4511792 www.pwrase.com
Powertest TEL:886-3-5980300 FAX:886-3-5973805 www.pti.com.tw	Signality TEL:886-3-5822863 FAX:886-3-5827087 www.signality.com.tw	Sigurd TEL:886-3-5959213 FAX:886-3-5944495 www.sigurd.com.tw
SPIL TEL:886-4-25341525 FAX:886-4-25342025 www.spil.com.tw	Standard Technology TEL:886-3-5637388 FAX:886-3-5779798 www.stdtek.com	TeraPower TEL:886-3-5982828 FAX:886-3-5972723 www.terapower.com.tw
tsi TEL:886-3-5970670 FAX:886-3-5970671 www.testserv.com.tw	Thai Lin TEL:886-3-5985959 FAX:886-3-5983012 www.thailin.com.tw	TMC TEL:886-3-5979402 FAX:886-3-5979406 www.tmc.com.tw
True Test TEL:886-3-5973838 FAX:886-3-5973737 www.truetest.com.tw	VATE TEL:886-3-5770345 FAX:886-3-5794379 www.vate.com.tw	VisEra TEL:886-3-6668788 FAX:886-3-6667115 www.viseratech.com
Walton TEL:886-7-8111330 FAX:886-7-8114732 www.walton.com.tw	YTEC TEL:886-3-6669968 FAX:886-3-6669967 www.ytec.com.tw	

Silicon Wafer

EPISIL

TEL:886-3-5779245
FAX:886-3-5776289
www.episil.com

FST

TEL:886-5-56816950
FAX:886-5-68128657
www.fstech.com.tw

MEMC

TEL:886-3-5783131
FAX:886-3-5790294
www.memc.com

NICHING

TEL:886-4-23588966
FAX:886-4-23588968
www.niching.com.tw

Precision

TEL:886-3-5632255
FAX:886-3-5632148
www.psilsicon.com.tw

PSi

TEL:886-3-5641888
FAX:886-3-5670888
www.psi.com.tw

SCSC

TEL:886-3-3852130
FAX:886-3-3852120
www.sanchih.com.tw

Sellingware

TEL:886-3-5601066
FAX:886-3-5601077
www.sellingware.com.tw

Shin-Etsu

TEL:886-3-5983111
FAX:886-3-5982204
www.shinetsu.com.tw

Sino-American

TEL:886-3-5772233
FAX:886-3-5781706
www.saswafer.com

Waferworks

TEL:886-3-4815001
FAX:886-3-4815002
www.waferworks.com

Mask

PSMC

TEL:886-3-5679933
FAX:886-3-5678158
www.psmc.com.tw

TCE

TEL:886-3-3643300
FAX:886-3-3649922
www.tce.com.tw

TMC Mask Corp.

TEL:886-3-5634370
FAX:886-3-5780752
www.yulongroup.com.tw

Discrete

LITE-ON

TEL:886-2-29160230
FAX:886-2-29158475
www.liteon-semi.com

Mospec

TEL:886-6-5991621
FAX:886-6-5991626
www.mospec.com.tw

Palette Innovation Corp

TEL:886-2-77360066
FAX:886-2-77360088
www.palette.tw

Photron
TEL:886-3-5985889
FAX:886-3-5982557
www.photron.com.tw

Prosperity
TEL:886-3-3882056
FAX:886-3-3885219

Rectron
TEL:886-2-22681314
FAX:886-2-22683703
www.rectron.com.tw

Taiwan Semiconductor
TEL:886-2-89131588
FAX:886-2-89131788
www.ts.com.tw

Vishay
TEL:886-2-29113861
FAX:886-2-29160846
www.vishay.com

Zowie
TEL:886-2-22195533
FAX:886-2-22191133
www.zowie.com.tw

Opto-Semiconductor

AOC
TEL:886-3-3803801
FAX:886-3-3803786
www.aocepi.com

COSMO
TEL:886-2-82271877
FAX:886-2-82271855
www.cosmo-ic.com

CSC
TEL:886-2-82261312
FAX:886-2-82269367
www.csbright.com.tw

Everlight
TEL:886-2-22698197
FAX:886-2-22676244
www.everlight.com

EPISTAR
TEL:886-3-5678000
FAX:886-3-5678755
www.epistar.com.tw

Hexawave
TEL:886-3-5785100
FAX:886-3-5770512
www.hw.com.tw

King Bright
TEL:886-2-22499224
FAX:886-2-22403981
www.kingbright.com

LEDTECH
TEL:886-2-22186891
FAX:886-2-22182894
www.ledtech.com.tw

Ligitek
TEL:886-2-77036000
FAX:886-2-77036286
www.ligitek.com.tw

Lite-On
TEL:886-2-87982888
FAX:886-2-87982760
www.liteon.com

Opto Tech
TEL:886-3-5638951
FAX:886-3-5783696
www.opto.com.tw

Sinonar
TEL:886-3-5783366
FAX:886-3-5781812
www.sinonar.com.tw

Tyntek
TEL:886-3-5781616
FAX:886-3-5780545
www.tyntek.com.tw

U.O.C
TEL:886-3-4852687
FAX:886-3-4751625
www.uocnet.com

Wistron
TEL:886-3-6662686
FAX:

Design Tools

Avery Design Systems

TEL:886-2-23278766

FAX:886-2-23278763

[www.avery-design.com](http://wwwavery-design.com)

Cadence Taiwan

TEL:886-3-5778951

FAX:886-3-5780422

www.cadence.com/tw/

Incentia

TEL:886-3-5782868

FAX:886-3-5785618

www.incentia.com.tw

Mentor Graphics

TEL:886-2-87252000

FAX:886-2-27576027

www.mentorg.com.tw

Silvaco Taiwan

TEL:886-3-5679686

FAX:886-3-5679682

www.silvaco.com

SpringSoft

TEL:886-3-5794567

FAX:886-3-5799000

www.springsoft.com

Synopsys

TEL:886-2-23453020

FAX:886-2-27228931

www.synopsys.com