

Electronics Manufacturing Services

Electronics Manufacturing Services

Malaysia's EMS Advantage





Gearing for

Manufacturing Success

Electronics manufacturing services (EMS) providers are assuming an increasingly important role and making a significant impact on manufacturing industries worldwide today.

EMS companies function as strategic partners to larger original equipment manufacturers (OEMs) by providing them with a full range of services from contract design and manufacturing to post-manufacturing services. By using the services of EMS providers, OEMs can concentrate on their core competencies such as research and development, sales and marketing.

Outsourcing to EMS providers also enables OEMs to gain access to the latest equipment, process knowledge and manufacturing know-how without having to make substantial capital investments as capital risks are converted into variable costs.

The trend in manufacturing partnership has been growing steadily as OEMs strive to cut costs to maintain their competitive advantage in the face of rapidly changing market conditions, technological advances and global competition.



The Global Trend

The EMS industry first appeared some 30 years ago and has flourished since. Consolidation within the industry has led to the emergence of a few well-known multi-billion dollar 'tier one' companies with worldwide operations such as Solectron, Flextronics, Celestica, Jabil, Plexus and Sanmina-SCI.

In 1999, the EMS industry was estimated to be worth US\$75 billion with a compound annual growth rate of 25%. This represented only 15% of the total electronics manufacturing market of US\$500 billion. By 2001, the global EMS market had increased by about 33.3% to approximately US\$100 billion.

According to industry sources, the global EMS market for 2003 is forecast at US\$149.4 billion. It is expected to increase by 35.9% in 2004 to US\$203 billion. By 2005, the market is expected to increase to US\$288 billion, representing 30% of the total global electronics market.

The Asian region (excluding Japan) is expected to be the fastest growing region for EMS as an increasing number of OEMs moves into the region to take advantage of the lower operating costs.

Within the electronics industry, the growing global consumption of optoelectronics components, which is expected to reach an estimated US\$1.12 billion in 2005 from US\$407 in 2000, promises extensive outsourcing opportunities.

The results of the Fifth Annual Electronics Manufacturing Outsourcing Survey conducted by Bear, Stearns & Co (New York) which was released in June 2002 confirmed the growing trend in outsourcing. The survey, which investigated the world's leading original equipment manufacturers from a wide variety of industries, found that 87% planned on increasing their outsourcing in the coming year.

Malaysia's EMS Industry

Leading EMS companies, many of whom rank among the top 50 companies worldwide, are located in Malaysia. Among them are the top five- Solectron, Flextronics, Celestica, Jabil and Sanmina-SCI.

BCM is one of the home-grown companies that have since established a niche position within the EMS industry. Other Malaysian companies such as Globetronics, Carsem, Unisem and AIC specialize in integrated circuit and semiconductor packaging.

In 2003, exports of electronic products from Malaysia amounted to US\$48.2 billion. There is thus good potential for the further development of the EMS industry in Malaysia.

According to industry sources, the leading factor contributing to Malaysia's viability as a regional hub is the availability of quality manpower at a cost that is 40% lower than that of its neighbours Singapore and Hong Kong. The presence of a large number of established OEMs in Malaysia also offers a ready market for EMS companies.

With an abundance of trained manpower, a well-developed infrastructure and an efficient telecommunication system coupled with its continued commitment to research and development and infrastructure and human resource development, Malaysia is a viable location for the establishment of EMS operations. The country's sound information technology infrastructure also allows EMS companies to tap opportunities in virtual manufacturing, a growing market trend arising from the influence of the cyber world and its borderless society.

Malaysia also offers attractive tax incentives to encourage EMS companies to locate their operations in the country. These incentives range from Pioneer Status and

Investment Tax Allowances to "pre-packaged" incentives which incorporate a special package of incentives to meet the specific needs of individual projects. The incentives are given based on certain priorities such as the levels of value-added, technology used, industrial linkages, R & D expenditure, employment of scientific and technical staff, and capital investment incurred. Companies which qualify for these direct tax incentives are

given partial or total relief from the payment of income tax for a specified period.

* The current corporate tax rate in Malaysia is 28%. However, for small and medium scale companies, the rate is 20% for chargeable income of up to RM500,000.



MALAYSIA:

An Attractive Investment Centre

Malaysia, strategically located in the vibrant growth region of Asia, is the ideal location for companies looking to establish EMS operations or to source EMS solutions.

Malaysia's market-oriented economy and government policies that maintain a business environment with opportunities for growth and profits have made the country a highly competitive manufacturing and export base. Investors are attracted by Malaysia's:

- Political and economic stability
- Educated and productive multilingual work force

Thus, multinational corporations from more than 40 countries have invested in over 3000 projects in Malaysia.

The world's major electronics companies with manufacturing operations in Malaysia include:

USA : Motorola, Intel, Texas Instruments, Dell, Solectron, AMD and Western Digital.

Asia Pacific : Sony, NEC, Matsushita, Hitachi, Samsung, TDK, BenQ, Sharp-Roxy, Mitsubishi.

Europe : Alcatel, Philips, STMicroelectronics, Siemens, Marconi, Osram, Infineon.

- Wide use of English, especially in business
- Liberal investment policies
- Attractive package of investment incentives
- Well-developed financial and banking sector
- Legal and accounting practice based on the British system
- Well-developed infrastructure and telecommunications support
- Intellectual property protection

Its vibrant business environment and excellent quality of life have made Malaysia the choice location for offshore manufacturing operations.



Incentives for Growth

A corporate tax rate of 28% applies to both local-owned and foreign-owned companies in Malaysia. However, a wide range of tax incentives is offered by the government to encourage investment in manufacturing activities. Companies which are given tax incentives qualify for partial or total relief from the payment of income tax for a specified period of time. These incentives are constantly reviewed to ensure that Malaysia maintains its competitive edge to attract investments.



1. Main Incentives for Manufacturing Companies

- *Pioneer Status*: Income tax exemption of 70% or 100% on the statutory income for a period of five or 10 years; or
- *Investment Tax Allowance*: Investment tax allowance of 60% or 100% on the qualifying capital expenditure incurred within five years. The allowance can be used to offset against 70% or 100% of the statutory income.
- *Reinvestment Allowance*: Reinvestment allowance of 60% on the qualifying capital expenditure. The allowance can be used to offset against 70% or 100% of the statutory income.
- *Accelerated Capital Allowance*: After the reinvestment allowance period, companies can apply for the accelerated capital allowance. Companies which qualify are given an initial allowance of 40% and an annual allowance of 20% for three years.

2. Incentives for High Technology Companies

- *Pioneer Status*: Income tax exemption of 100% on the statutory income for a period of five years.
- *Investment Tax Allowance*: Investment tax allowance of 60% on the qualifying capital expenditure incurred within five years. The allowance can be used to offset against 100% of the statutory income.

3. Incentives for Strategic Projects

- *Pioneer Status*: Income tax exemption of 100% on the statutory income for a period of 10 years.
- *Investment Tax Allowance*: Investment tax allowance of 100% on the qualifying capital expenditure incurred within five years. The allowance can be used to offset against 100% of the statutory income.

4. Pre-packaged Incentives

- A customised incentive package that includes both tax and non-tax incentives.

5. Incentives for R&D

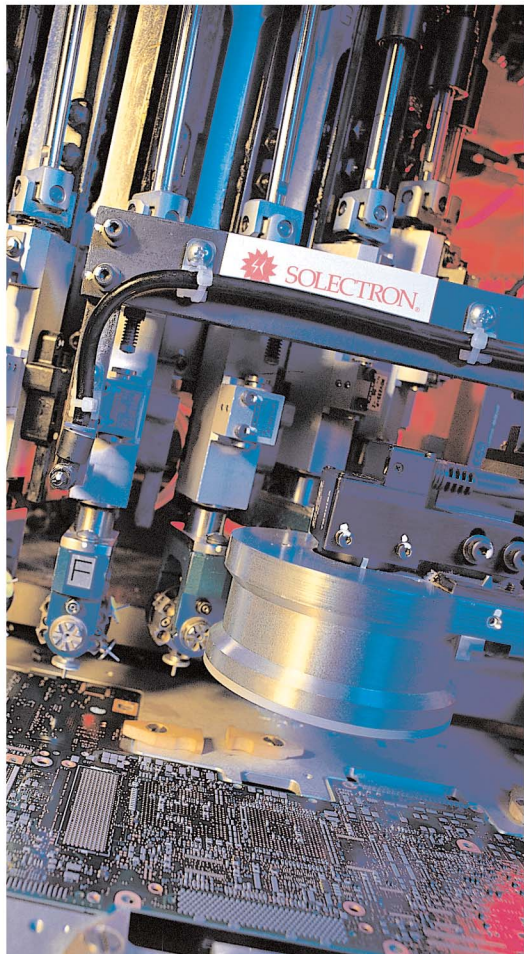
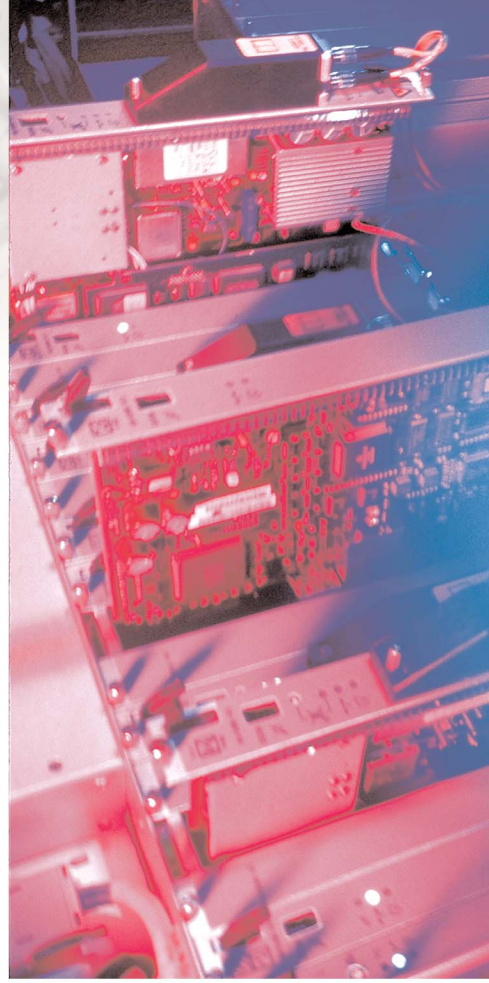
- *Pioneer Status*: Income tax exemption of 100% on the statutory income of five years.
- *Investment Tax Allowance*: Investment tax allowance of 100% on the qualifying capital expenditure incurred within 10 years. The allowance can be used to offset against 70% of the statutory income.

6. Other Incentives

- Industrial Building Allowance
- Infrastructure Allowance
- Incentives to Strengthen Industrial Linkages
- Tariff-Related Incentives

“ We believe Asia, in particular Malaysia, will continue to be the growth region for EMS. Quick market response will continue to be a critical element to a successful EMS operation. Our participation in Malaysia’s EMS industry since the late 1970s has been pivotal to our growth. Today, our Malaysian operations is the second largest and we distribute products worldwide. ”

Michael Ng Keok Lian
General Manager
Flextronics Industry (M) Sdn Bhd



“ Malaysia’s dynamic environment which embraces technology and change expediently was instrumental in Soletron establishing the Asia Technical Centre in Malaysia. The Centre researches and develops state-of-the art capabilities in the emerging interconnect technologies such as liquid crystal display, direct ship attach, lead free soldering and flip chip assembly. Our Malaysian centre is equipped to provide technical support and the transfer of technology to other Soletron sites in Asia. ”

Joe Teng Heam Hong
Senior Vice President,
Asia Pacific Operations
Soletron Technology Sdn Bhd

“

Malaysia's EMS industry offers an attractive investment opportunity. The large presence of OEM multinationals in Malaysia provides a ready market for EMS while our pro-business government, good corporate governance and a ready pool of skilled workforce in electrical and electronics are key contributors to its steady growth.

”



D. Vidyadharan

President
BCM Electronics
Corporation Sdn. Bhd.



“

Technology, excellent labour force, quality and competitive pricing have made it feasible for us to establish a niche EMS operation in Malaysia, focussing on the avionics, medical, marine and telecommunications and instrumentation industries.

In fact, our Malaysian EMS factory became the first Asian plant outside Japan to produce the endoscopy television cameras used in the medical field and we are also supplying the avionics needs of top tier companies.

”

Magdalene Lee

Executive Director
COB Technology Asia Sdn Bhd



MALAYSIA:
Selected EMS,
Sub-Contracting
and Printed Circuit Board
Assembly Companies



Malaysia : Selected EMS and Sub-Contracting Companies

Company

Products/Activities

1. AIC Semiconductor Sdn. Bhd.

Lot 26 & 27, Jalan Hi-Tech 4
Kulim Hi-Tech Industrial Park
Phase 1, 09000 Kulim, Kedah
Tel: 604-4031319
Fax: 604-4031320
Contact: Mr. Kenneth Kang
Email: kenneth@aicsemicon.com
Website: www.aicsemicon.com

- Semiconductors (integrated circuits)

2. BCM Electronics Corporation Sdn. Bhd.

Plot 21, Jalan Hi-Tech 4
Kulim Hi-Tech Park, Phase 1
09000 Kulim, Kedah
Tel: 604-4033180
Fax: 604-4033181
Contact: Mr. Ganesh Rajaretnam
Email: ganesh@bcmcorp.com.my
Website: www.bcmcorp.com.my

- Printed circuit board assemblies (PCBA).
- Telecommunication and power boards, VHF transmitters and receivers.

3. Carsem (M) Sdn. Bhd.

Jalan Lapangan Terbang
P.O. Box 204
30720 Ipoh, Perak
Tel: 605-3123333
Fax: 605-3125333
Contact: Mr. Ian Ee
Email: ianee@carsem.com
Website: www.carsem.com

- Advanced integrated circuits using chip-scale packaging (CSP) technology semiconductors.

4. Celestica Malaysia Sdn. Bhd.

Plot 15 & 16, Jalan Hi-Tech 2/3 Phase 1
Kulim Hi-Tech Park
09000 Kulim, Kedah
Tel: 604-403 3288
Fax: 604-403 3277
Contact: Mr. Teoh Boon Ping
Email: bpteoh@celestica.com
Website: www.celestica.com

- Printed circuit board assemblies (PCBA), computer drive units.

5. COB Technology Asia Sdn. Bhd.

Suite 21-H, Menara Northam
No 55, Jalan Sultan Ahmad Shah,
10050 Penang
Tel: 604-2273018
Fax: 604-2276018
Contact: Mr. Yong Swee Beng
Email: sweebengy@cob-tech.com.sg
Website: www.cob-tech.com.sg

- PCBA for avionic equipment & devices. (Bluetooth Technology)

Company

6. Flextronics Industry (M) Sdn. Bhd.

No.6 & 6A, Jalan Tampoi 7/2
Kaw. Perindustrian Kg. Melayu
81200 Johor Bahru, Johor
Tel: 607-3343999
Fax: 607-3342111
Contact: Mr. Michael Ng Keok Lian
Email: info@sg.flextronics.com
Website: www.flextronics.com

Products/Activities

- Printed circuit board assemblies (PCBA), telecommunication equipment, e.g. satellite decoders, fax machines, modems, voice command digital equipment.

7. Globetronics Sdn. Bhd.

Plot 2, Phase 4, Bayan Lepas FIZ,
11900 Penang
Tel: 604-6444906
Fax: 604-6446517
Contact: Mr. E.K. Haw
Email: ek_haw@globe.com.my
Website: www.globetronics.com.my

- Integrated circuits.
- Burn-In services

8. Jabil Circuit Sdn. Bhd.

No.56, Hilir Sungai Kluang 1
Bayan Lepas Industrial Park
Phase 4, 11900 Penang
Tel: 604-6427976
Fax: 604-6428001
Contact: Mr. V. L. Tan
Email: vl_tan@jabil.com
Website: www.jabil.com

- Printed circuit board assemblies (PCBA).
- Computer and peripheral boards utilizing interconnect and substrate technologies.

9. Plexus Manufacturing Sdn. Bhd.

Bayan Lepas FIZ, Phase II
11900 Bayan Lepas, Penang
Tel: 604-6321000
Fax: 604-6321888
Contact: Mr. Y.J. Lim
Email: yj.lim@plexus.com
Website: www.plexus.com

- Printed circuit board assemblies (PCBA).
- Computers, computer peripherals and telecommunication equipment including networking equipment and medical devices.

10. Sanmina-SCI Systems (M) Sdn. Bhd.

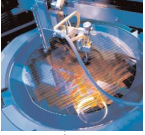
202, Lorong Perusahaan Maju 9
Bukit Tengah Industrial Park
13600 Prai, Penang
Tel: 604-5066633
Fax: 604-5081233
Contact: Mr. Y.Y. Lim
Email: yy.lim@sanmina-sci.com
Website: www.sanmina-sci.com

- Printed circuit board assemblies (PCBA).
- Computer motherboards, disk drive control boards.
- Satellite decoders and receivers.

11. Solectron Technology Sdn. Bhd.

Plot 13, Phase IV, Prai Industrial Estate
13600 Prai, Penang
Tel: 604-5075600
Fax: 604-5064680
Contact: Mr. Tony Yap
Email: tonylyeap@pg.slr.com
Website: www.solectron.com

- Rigid and flexible printed circuit board assemblies (PCBA), computer peripherals, telecommunication equipment, audio equipment



Company

12. TFS Electronics Manufacturing Services Sdn. Bhd.

Plot 554 & 574, Lorong Perusahaan 4
Zone Perdagangan Bebas Prai
13600 Prai, Penang
Tel: 604-3864705
Fax: 604-3971643/3999688
Contact: Dr. Sam Quah
Website: www.threefire.com

Products/Activities

- Printed circuit board assembly (PCBA) for computers

13. Unisem (M) Bhd

No.1, Persiaran Pulau Jaya 9
Kawasan Perindustrian Pulau Jaya
31300 Ipoh, Perak
Tel: 605-3572800
Fax: 605-3572788
Contact: Mr. C.H. Ang
Email: ch_ang@unisem.com.my
Website: www.unisem.com.my

- Integrated circuits

14. V.S. Industry Berhad

Plo 47, Senai Industrial Estate
81400 Senai, Johor Darul Takzim
Tel: 607-5994199
Fax: 607-5994050
Contact: Mr. Tang Chee Lang
Email: cltang@vs-i.com
Website: www.vs-i.com

- Printed circuit board assemblies (PCBA).
- Colour projection televisions and parts;
- Car discmans, CD players, CD-ROMs, hi-fi systems.



Malaysia : Selected Printed Circuit Board Assembly (PCBA) Companies

Company

Products/Activities

1. Advance Modules Sdn. Bhd.

No. 8, Jalan Jurunilai U1/20
Hicom Glenmarie Industrial Park
40150 Shah Alam, Selangor
Tel: 603-5569 7877
Fax: 603-5569 7699
Contact: Mr. Paul Vannan
Email: paul@advancemodules.com
Website: www.advancemodules.com

- Printed circuit board assemblies (PCBA) for memory modules.

2. AV Industries Sdn. Bhd.

1652, Mukim II,
Lorong Persiaran Maju 7
Taman Perindustrian Bkt Tengah Phase 4
13600 Prai, Penang
Tel: 604-5088080
Fax: 604-5088181
Contact: Mr. K.C. Lee
Email: ckhiangchoon@po.jaring.my
Website: www.avi.com.my

- Printed circuit board assemblies (PCBA) and disk drive parts.
- Audio/Video recorders & players.
- Colour TV receivers.
- Flat panel displays.

3. BCM Electronics Corporation Sdn. Bhd.

Plot 21, Jalan Hi-Tech 4
Kulim Hi-Tech Park, Phase 1
09000 Kulim, Kedah
Tel: 604-4033180
Fax: 604-4033181
Contact: Mr. Ganesh Rajaretnam
Email: ganesh@bcmcorp.com.my
Website: www.bcmcorp.com.my

- Printed circuit board assemblies (PCBA).
- Telecommunication and power boards, VHF transmitters and receivers.

4. Bar Code Sato Electronics (M) Sdn. Bhd.

Lot 20, Jalan 223
46100 Petaling Jaya, Selangor
Tel: 603-79573071
Fax: 603-79573650
Contact: Mr. Kenny Ng
Email: kenn0603@satomalaysia.com
Website: www.satomalaysia.com

- Printed circuit board assemblies (PCBA).
- Bar code/optical character recognition (OCR) printer & parts thereof.

5. Celestica Malaysia Sdn. Bhd.

Plot 15 & 16, Jalan Hi-Tech 2/3 Phase 1
Kulim Hi-Tech Park
09000 Kulim, Kedah
Tel: 604-403 3288
Fax: 604-403 3277
Contact: Mr. Teoh Boon Ping
Email: bpteoh@celestica.com
Website: www.celestica.com

- Printed circuit board assemblies (PCBA), computer drive units.



Company

6. COB Technology Asia Sdn. Bhd.

Suite 21-H, Menara Northam
No 55, Jalan Sultan Ahmad Shah
10050 Penang
Tel: 604-2273018
Fax: 604-2276018
Contact: Mr. Yong Swee Beng
Email: sweebengy@cob-tech.com.sg
Website: www.cob-tech.com.sg

Products/Activities

- PCBA for avionic equipment & devices.
(Bluetooth Technology)

7. Contraves Advanced Devices Sdn. Bhd.

Batu Berendam Free Trade Zone
75350 Melaka
Tel: 606-2331884/2331883
Fax: 606-2328598
Contact: Mr. George Paul Schlump
Email: cmp@contraves.com.my
Website: www.contraves.com.my

- Printed circuit board assemblies (PCBA) for contrast-injectors, electronic data storage units, digital displays, data transmission for fire control systems.
- Military electronic/opto-electronic sub-units and parts thereof for air-defence systems.

8. Dominant Semiconductor Sdn. Bhd.

Lot 6 Batu Berendam Free Trade Zone
Phase III, Batu Berendam
75350 Melaka
Tel: 606-2833566
Fax: 606-2830566
Contact: Mr. Tay Khing Chiang
Email: sales@dominant-semi.com
Website: www.dominant-semi.com

- Light emitting diodes (LED)

9. Flextronics Industry (M) Sdn. Bhd.

No.6 & 6A, Jalan Tampoi 7/2
Kaw. Perindustrian Kg. Melayu
81200 Johor Bahru, Johor
Tel: 607-3343999
Fax: 607-3342111
Contact: Mr. Michael Ng Keok Lian
Email: info@sg.flextronics.com
Website: www.flextronics.com

- Printed circuit board assemblies (PCBA), telecommunication equipment, e.g. satellite decoders, fax machines, modems, voice command digital equipment.

10. Inventec Electronic (M) Sdn. Bhd.

Plot 102, Bayan Lepas Industrial Zone
11900 Bayan Lepas, Penang
Tel: 604-6439566
Fax: 604-6439900
Contact: Mr. Lee Tee Hiang
Email: lee.th@inventec.com.my
Website: www.inventec.com.my

- Printed circuit board assemblies (PCBA), electronic calculators, personal computers, motherboard, telephone sets.
- Electronic cash register/point of sale (POS) terminals.
- Computer video/TV game machines (in complete-built-up and SKD form) and parts thereof.

11. IQ Group Sdn. Bhd.

Lot 149, Fasa 1
Kawasan Perdagangan Bebas Bayan Lepas
11900 Bayan Lepas, Penang
Tel: 604-6446677
Fax: 604-6444163
Contact: Mr. B. G. Choong
Email: bg.choong@iq-group.com
Website: www.iq-group.com

- Printed circuit board assemblies (PCBA) for sensors, wireless and audio products.

Company

12. Jabil Circuit Sdn. Bhd.

No.56, Hilir Sungai Kluang 1
Bayan Lepas Industrial Park
Phase 4, 11900 Penang
Tel: 604-6427976
Fax: 604-6428001
Contact: Mr. V. L. Tan
Email: vl_tan@jabil.com
Website: www.jabil.com

Products/Activities

- Printed circuit board assemblies (PCBA).
- Computer and peripheral boards utilizing interconnect and substrate technologies.

13. Luster Industries Sdn. Bhd.

Lot 58, Bakar Arang Industrial Estate
08000 Sungai Petani, Kedah
Tel: 604-4213481/4211000
Fax: 604-4233189
Contact : Mr. K.L Hang
Email: klhang@luster.com.my
Website: www.lustergroup.com

- Printed circuit board assemblies (PCBA).
- PCB and sub-assembly of components for electrical and electronic products.

14. Mitsutoyo Electronic Industries Sdn. Bhd.

Lot 16035, Kawasan Perindustrian Tangkak
84900 Tangkak, Johor
Tel: 606-9787999/9791725
Fax: 606-9787111
Contact: Mr. Ng Sen Kwee
Email: mitsutoyo@mitsutoyo-malaysia.com
Website: <http://www.mitsutoyo-malaysia.com>

- Printed circuit board assemblies (PCBA).
- Floppy disk drives.
- Remote controls.
- Connectors for TVs, computers.

15. Nexquest Sdn. Bhd.

No. 18 Jalan 2, Kampung Jambu
43000 Kajang, Selangor
Tel: 603-87345129
Fax: 603-87363477
Contact: Mr. Mohd Junaidi Kamari
Email: junaidi2@tm.net.my

- Printed circuit board assemblies (PCBA) for televisions and VCRs.

16. Omega Semiconductor Sdn. Bhd.

Lot 6, Batu Berendam Free Trade Zone
Phase III, Batu Berendam
75350 Melaka
Tel: 606-2816193
Fax: 606-2864137
Contact: Mr. Raymond Low
Email: omega@ossb2.po.my
Website: www.omegasemicon.com.my

- Printed circuit board assemblies (PCBA), integrated circuits, semiconductors, metal-can transistors & LED lamps.

17. PCA Technology (M) Sdn. Bhd.

No. 12, Jalan Bayu
Kawasan Perindustrian Hasil
81200 Johor Bahru, Johor
Tel: 607-2323223
Fax: 607-2323003
Contact: Mr. Phang Kok Kong
Email: kok_kong_phang@pcatechnology.com.sg
Website: www.pcatechnology.com

- SMT & printed circuit board assemblies (PCBA).
- CD Rom drives, printer parts assemblies.



Company

18. Plexus Manufacturing Sdn. Bhd.

Bayan Lepas FIZ, Phase II
11900 Bayan Lepas, Penang
Tel: 604-6321000
Fax: 604-6321888
Contact: Mr. Y.J. Lim
Email: yj.lim@plexus.com
Website: www.plexus.com

Products/Activities

- Printed circuit board assemblies (PCBA).
- Computers, computer peripherals, telecommunication equipment including networking equipment and medical devices.

19. Sanmina-SCI Systems (M) Sdn. Bhd.

202, Lorong Perusahaan Maju 9
Bukit Tengah Industrial Park
13600 Prai, Penang
Tel: 604-5066633
Fax: 604-5081233
Contact: Mr. Y.Y. Lim
Email: yy.lim@sanmina-sci.com
Website: www.sanmina-sci.com

- Printed circuit board assemblies (PCBA).
- Computer motherboards, disk drive control boards.
- Satellite decoders and receivers.

20. Scope Manufacturers (M) Sdn. Bhd.

Lot 6181, Jln Perusahaan 2
Kaw Perindustrian Parit Buntar
34200 Parit Buntar, Perak
Tel: 605-7168605/7169605
Fax: 605-7166606
Contact: Mr. Lim Chiow Hoo
Email: chlim@scope.com.my
Website: www.scope.com.my

- Printed circuit board assemblies (PCBA).
- Hi-fi systems.
- Telephone sets.
- Computer peripherals (modems, etc).

21. SINMAR Electronic Sdn. Bhd.

Plot 10.07 & 10.10
Sungai Petani Industrial Estate
08000 Sungai Petani, Kedah
Tel: 604-4411777
Fax: 604-4411232
Contact: Mr. Gan Hor Chye
Email: hcgan@sinmar.com.my
Website: www.sinmar.com

- Printed circuit board assemblies (PCBA).
- Audio products, speaker panels, audio panels.

22. SIS Speedy Industrial Supplies Sdn. Bhd.

PTD 8738, Jalan Perindustrian 3
Kawasan Perindustrian Pontian
82000 Pontian, Johor
Tel: 607-6870158/6870899
Fax: 607-6875769
Contact: Mr. Lua Boon Way
Email: bwlua@sisspeedy.com.my
Website: www.speedy-ind.com

- Printed circuit board assemblies (PCBA) for computer peripherals.
- Wire harness & Cable assemblies.
- Electrical lamps.

23. SMT Technologies Sdn. Bhd.

Plot 102, Bakar Arang Industrial Estate
08000 Sungai Petani, Kedah
Tel: 604-4229881
Fax: 604-4229885
Contact: Mr. S.K. Yeoh
Email: ysk@smtt.com.my
Website: www.smtt.com.my

- Printed circuit board assemblies (PCBA) for computer peripherals, telecommunication equipment, medical equipment and multimedia appliances.

Company

24. Solectron Technology Sdn. Bhd.

Plot 13, Phase IV, Prai Industrial Estate
13600 Prai, Penang
Tel: 604-5075600
Fax: 604-5064680
Contact: Mr. Tony Yap
Email: tonyltyeap@pg.slr.com
Website: www.solectron.com

Products/Activities

- Rigid and flexible printed circuit board assemblies (PCBA), computer peripherals, telecommunication equipment, audio equipment.

25. TFS Electronics Manufacturing Services Sdn. Bhd.

Plot 554 & 574, Lorong Perusahaan 4
Zone Perdagangan Bebas Prai
13600 Prai, Penang
Tel: 604-3864705
Fax: 604-3971643/3999688
Contact: Dr. Sam Quah
Website: www.tfsc.com

- Printed circuit board assemblies (PCBA) for computers.

26. TS Matrix Berhad

(Statsym Berhad)
Lot 11A, Jalan SS8/2
Sungai Way Free Industrial Zone
47300 Petaling Jaya, Selangor
Tel: 603-78769433 ext. 886
Fax: 603-78758431
Contact: Mr. Chin Loi Hin
Email: th.chin@ts-matrix.com
Website: www.ts-matrix.com

- Printed circuit board assemblies (PCBA), through-hole assembly (manual).
- Chip-on-board.
- Box build.
- Burn-in testing.

27. V.S. Industry Berhad

Plo 47, Senai Industrial Estate
81400 Senai, Johor
Tel: 607-5994199
Fax: 607-5994050
Contact: Mr. Tang Chee Lang
Email: cltang@vs-i.com
Website: www.vs-i.com

- Printed circuit board assemblies (PCBA).
- Colour projection televisions and parts;
- Car discmans, CD players, CD-ROMs, hi-fi systems.

28. Wearnes Electronics (M) Sdn. Bhd.

99, Jalan Parit Masjid
92000 Pontian, Johor
Tel: 607-6871611
Fax: 607-6879994
Contact: Mr. Koh Heng Lim
Email: welect@po.jaring.my
Website: www.we.com.my

- Printed circuit board assemblies (PCBA).
- Compact disc players, CD-ROM drives, DVD players, colour monitors, video CD players.
- Video conferencing cameras.

29. Ya Horng Electronic (M) Sdn. Bhd.

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13600 Prai, Penang
Tel: 604-3903832/3993770
Fax: 604-3324495
Contact: Ms. Ooi Mong Ping
Website: www.jaring.my/cch/clients/yahorng

- Printed circuit board assemblies (PCBA), mixers including in SKD/CKD forms & digital signal processors including in SKD/CKD forms. (turntables in SKD/CKD/ sub-assemblies form)
- Compact disc mechanisms, compact disc players and food processors.
- Turntables.



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