

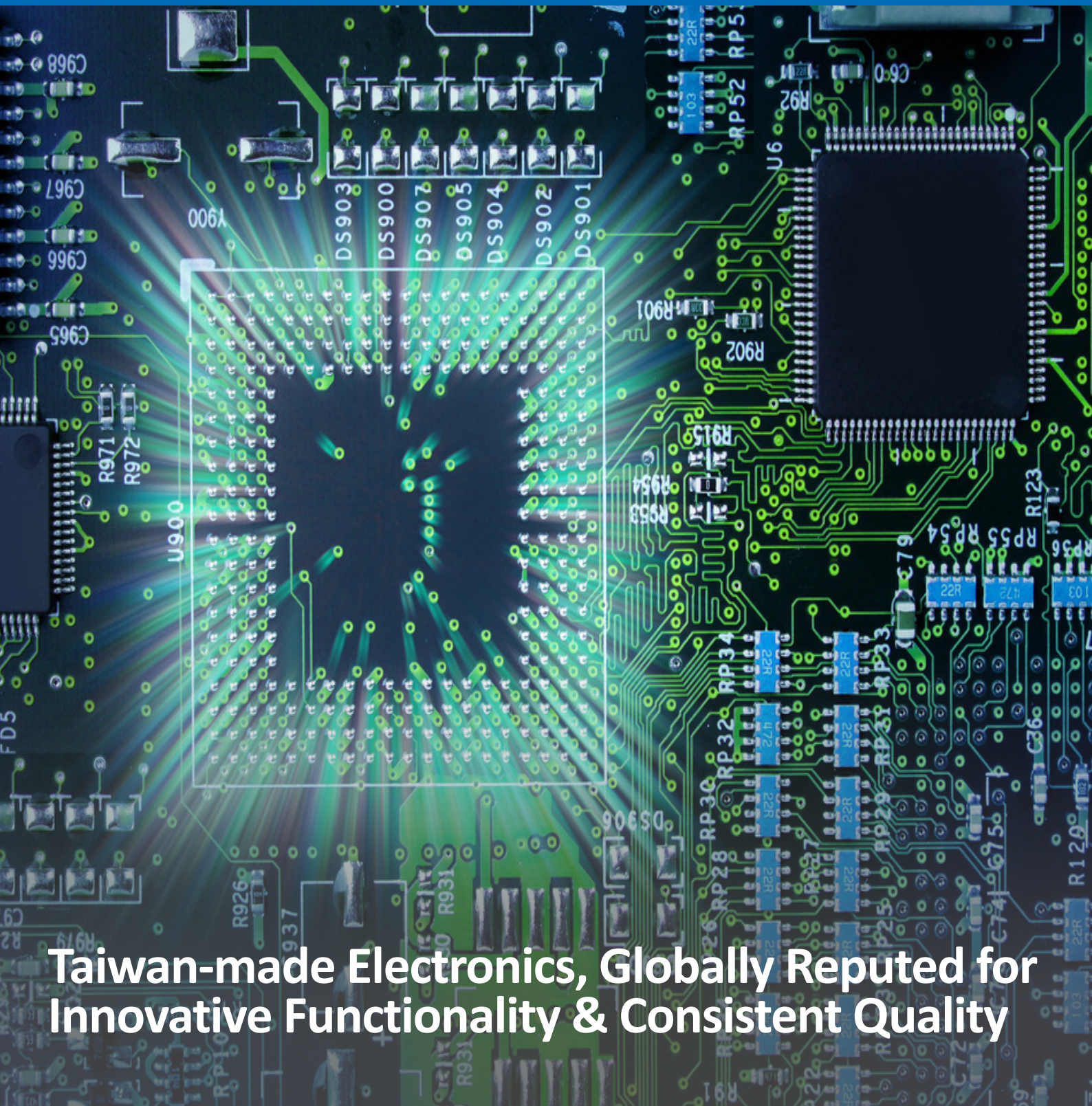
CENS.com Digital Magazines

Dec. 15, 2015 Volume 02

Electronics & Computers



New Era for Electronics & Computers



Taiwan-made Electronics, Globally Reputed for
Innovative Functionality & Consistent Quality

Taiwan Sourcing Service Provider

Guide to E-magazine

Content Sections

- CENS.com

Access to CENS.com for more information, industry news & reports.
- Online Product Index

Find quickly product categories of interest.
- Advertiser Index

Find easily suppliers of interest.
- Articles

Find here industry news, reports, and editorial articles.



For details on suppliers & products

Simply use hyperlink icons:

- Inquire Now

Click **Inquire Now** to safely, quickly connect to online inquiry form for the advertiser/supplier.
- Webpage

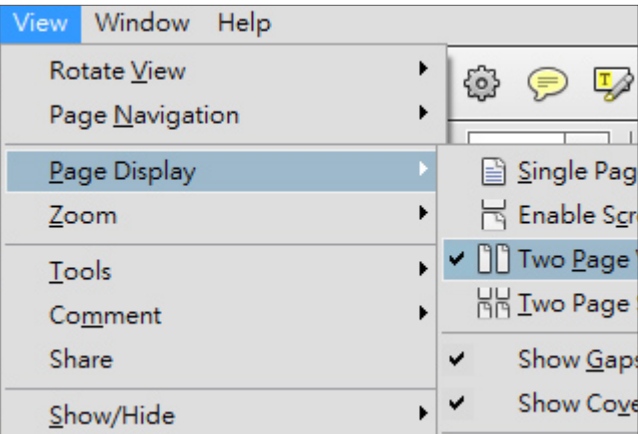
Click **Webpage** to connect to the introduction of the advertiser/supplier.



Guide to PDF Reader

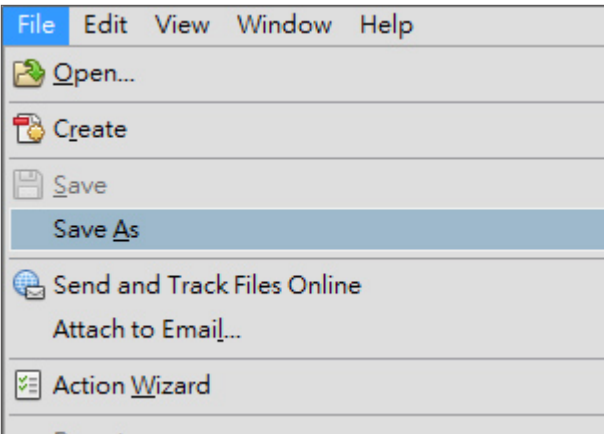
How to edit display settings

Select “View >> Page Display” to edit the way you like to read E-magazine.



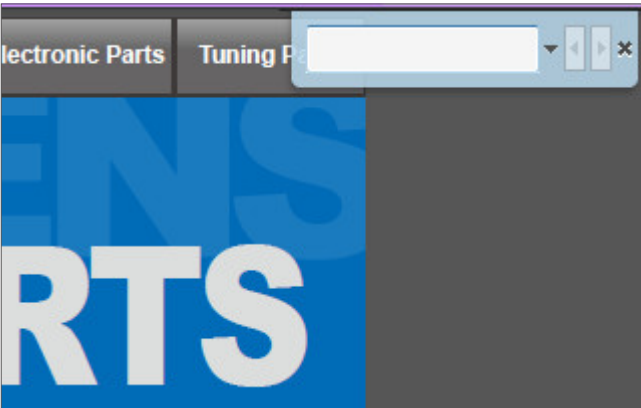
How to save a new copy of this E-magazine

Press “Shift + Ctrl + S” or select the “Save” option, and confirm your selection by choosing “Save a copy”.



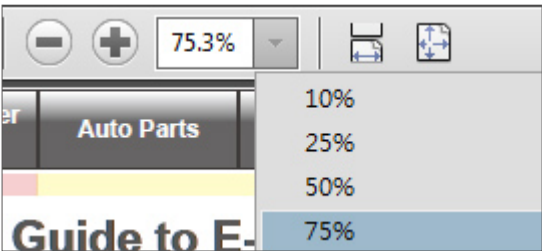
How to text search

Press “Ctrl + F” and enter keyword(s).
If no match is found, broaden the category of keyword(s). This search function works on exact match of keyword(s).

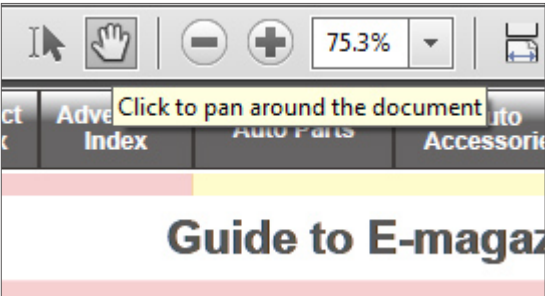


How to use zoom options and move around an enlarged page

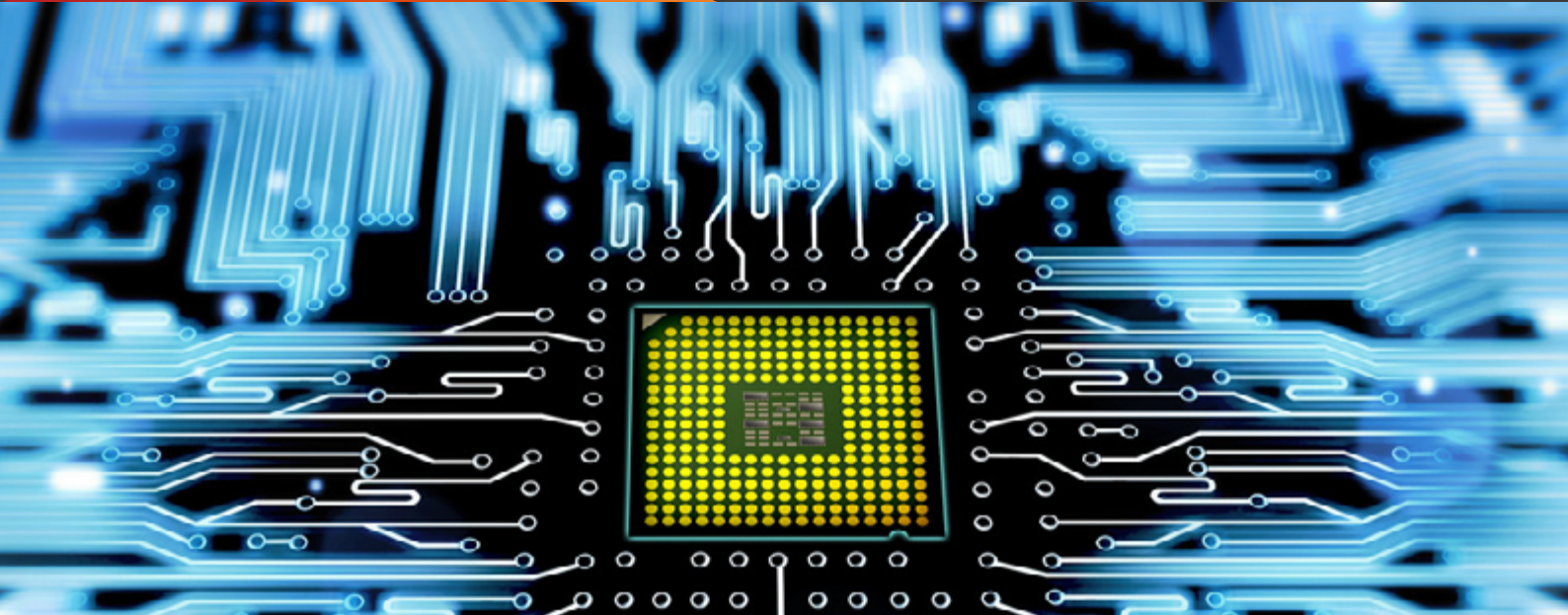
Click either   icon to zoom in or out a page.



“Hand Tool” enables moving around an enlarged page for reading convenience.



* The above guidelines are based on Adobe Reader. When using other PDF reading software, check “Help” function to edit page display settings. If reading this PDF E-magazine via Chrome, Firefox or IE, enable Adobe Plug-in to improve viewing experience.
Please feel free to comment regarding using this E-magazine by emailing: buyerservice@cens.com



Contents

- Electronic Components & Parts
- Electronic Products and Communication Devices
- Consumer Electronics & Electrical Products
- Computer Parts, Components, and Accessories
- Computer Peripherals
- Other Electronic Products

Tsinghua Unigroup of China Makes Bold Headway into Taiwan's IC Industry

Chairman suggests threatening Taiwan to open IC design market or face sales ban

By KEN LIU

Shortly after acquiring a quarter stake in the Taiwanese IC assembler Power Technology Inc. (PTI) for NT\$75 per share, Tsinghua Unigroup Chairman Weiguo Zhao says he will immediately meet with his counterpart at the Taiwanese IC design house MediaTek Inc., M.K. Tsai, to discuss the merger of his company's Spreadtrum Communications Inc. and RDA Microelectronics Inc. with MediaTek to take on Qualcomm Inc., recognized as the world's No.1 wireless chip vendor, if the Taiwan government lifts its ban on mainland Chinese investments in the island's IC design companies.

At an international microelectronics forum held late October in Beijing, Zhao suggested that while further fostering the mainland's pivotal semiconductor companies by setting up more projects, Beijing should pressure Taiwan to open its IC design industry to mainland's investors by threats of prohibiting

the island from selling Taiwan-made chips carrying Taiwan brands in the mainland. "Trade is a two-way street. So, don't feel shy to tell them," Zhao says as he implied that China allows Taiwanese investments to warrant reciprocity.

Fear Triggered

Zhao's bold suggestion has triggered fear among Taiwan's chip companies given that Tsinghua Unigroup is a pivotal company in Beijing's ambitious plan to build a homegrown, integrated chip-making supply chain covering design, foundry, testing and packaging capabilities with a fund of around RMB150 billion (US\$23.77 billion).

Taiwan's industry executives concede that once the mainland's authorities accept Zhao's advice, Taiwan's semiconductor industry stands to be pummeled, with

heavyweight makers including Taiwan Semiconductor Manufacturing Co. (TSMC), Inotera Memories Inc., Nanya Technology Corp., and MediaTek to be hit the hardest.

They say most of the island's fabless companies still depend on local silicon foundries and chip assemblers due to the mainland's relatively weaker capacities in the two chip-making techniques.

A Laggard

The mainland's semiconductor industry is a laggard so it has to depend on foreign sources for most of its equipment, making the world's No.2 economy the globally leading market for semiconductor devices. Qualcomm, for instance, generates around half of its revenue, which posted at US\$26.5 billion including a net profit of US\$7.97 billion in 2014, from sales to mainland China's smartphone makers.

Since most of Qualcomm's profit in the mainland comes from its costly royalty charge on many basic patents it has long monopolized, early this year the mainland's authorities fined it RMB6.08 billion (US\$964.81 million) for such domination. Zhao suggests the mainland's authorities use the fine to finance R&D projects of the mainland's wireless-chip designers, including Spreadtrum.

To quickly build its chip-making industry, the mainland's authorities are financing local chip companies like Tsinghua Unigroup in global acquisition projects. Jiangsu Changjiang Electronics Technology Co., Ltd. has used the fund to acquire the Singaporean chip packager and tester STATS ChipPAC Ltd.; Hua Capital Management Co., Ltd. has acquired the American design house OmniVision Technologies Inc.; and Montage Technology Group Ltd. has issued an offer to purchase Pericom Semiconductor Corp. of

the U.S. for US\$430 million.

Spate of Deals

Tsinghua Unigroup itself has acquired Spreadtrum and RDA to become the world's No.3 wireless chip vendor, next only to Qualcomm and MediaTek. Also, it has bought into the American computer hard-disc maker, Western Digital Corp., and issued an offer to acquire Micron Technology Inc. of the U.S., a world leading DRAM chipmaker that partly owns Inotera.

Moreover, it has poached a former MediaTek executive and the former chairman of both Nanya and Inotera, Charles Kao. In Taiwan, the company's most prominent deal is taking over a 25 percent stake in PTI for around NT\$19.5 billion (US\$596.33 million), to become the largest shareholder of the Taiwanese chip assembler.

Zhao stresses that although Nanya and Inotera are world-leading DRAM chipmakers, his company has no plan for the time being to tap the market. Instead, this company is building up its NAND flash memory capability and the acquisition of PTI will make the work more complete. "Compared with DRAM, NAND flash memory has wider application range," Zhao says. Cooperating with Intel Corp., Zhao emphasizes, enables his company to set up manufacturing and R&D capability for NAND flash memory.

Zhao adds that Kao has not been invited to help the company enter the DRAM market, but, instead, will provide knowledge on chip-factory building and management not to mention his well established personal network.

After the PTI deal, Zhao says that his company has no plans nor need to buy any other Taiwanese memory chipmaker.

Profit-oriented

But his company is eager to invest in Taiwan's IC design houses, MediaTek in particular. Zhao stresses that the only motivation behind such investments is to create maximum benefit for both Taiwanese and the mainland's chip companies on the global market through cooperation. "Pursuing profit is the primary goal of an enterprise going global," he says.

Zhao points out that the U.S. owns the world's strongest IC design industry mainly because the nation adopts measures that are opposite to those employed by Taiwan's authorities. "America has a liberalized investment environment whereas Taiwan imposes too many restrictions on investments," he notes.

With such restrictions, Taiwan's IC design industry has fewer tools to lure capital for expansion, thereby making it less active and positive. "If the restrictions target investments from mainland China, they won't be conducive to the development of semiconductor industry on both sides of the Taiwan Strait," Zhao says.

Mixed Views

Views on Tsinghua Unigroup's holding of PTI and Zhao's tough stance on Taiwan's ban on mainland Chinese investment in the

island's IC design houses are quite divided. PTI Chairman D.K. Tsai indicates that his company has not felt any threat from the rising "red supply chains" of the mainland nor the need to partner with the mainland's manufacturers until the mainland's competitors began vigorously building global presence by entering into strategic alliance and buying into international competitors.

Taiwanese designers depending more on Western markets than on the mainland market are not feeling any urgent need to open the island's IC design industry to the mainland's investors.

MediaTek Chairman and Chief Executive Officer (CEO) M.K. Tsai notes that Zhao's suggestion of cooperation between the semiconductor industry on the two sides coincides with his company's stance.

Some local industry executives feel that MediaTek's open-arm gesture to Zhao's partnership talks hinges on the company's heavy dependence on the mainland market, where it is recognized as the No.1 supplier of mobile chips, and the mainland's energetic fostering of the competitor Spreadtrum.

Some say whether it is good or not to open Taiwan's IC design sector to the mainland's investors should be decided on a case-by-case basis, and the government should observe instead of intervene. [CENS](#)



By QUINCY LIANG

IDC said that across many regions, channels remain focused on clearing Windows 8 inventory before a more complete portfolio of models incorporating Windows 10 are introduced. (photo from Internet)

Worldwide PC Shipments Remain Depressed in Q3: IDC

Worldwide personal computer (PC) shipments totaled nearly 71.0 million units in the third quarter of 2015. The volume represented a year-on-year (YoY) decline of 10.8 percent, which was slightly worse than projections for a decline of 9.2 percent, according to International Data Corporation (IDC).

The lackluster volume of PC shipments was consistent with expectations that the third quarter would face challenging financial conditions and be a transition period, the market intelligence firm said. Across many regions, channels remained focused on clearing Windows 8 inventory before a more complete portfolio of models incorporating Windows 10 and Intel Skylake processors comes on the scene. Vendors and channels were also working to limit price swings in the face of changes in currency exchange rates. Though easing a bit, currency devaluation continued to inhibit PC shipments in the third quarter.

While Windows 10 has generally received favorable reviews and raised consumer interest in PCs, many users opted to upgrade existing PCs rather than purchase new hardware. In addition, the unusually short time between Windows RTM (release to manufacturing) and the official retail release hampered the ability of OEMs to launch certified new models, resulting in a limited selection of Windows 10 PCs (as well as related advertising) through much of the third quarter.

Although the overall market continued to see double-digit declines, and even the top vendors saw shipments decline from a year ago, the top-four vendors performed much better than the rest of the market. Collectively, the top-four vendors saw shipments fall by 4.5 percent from a year ago compared to a decline of almost 20 percent for the rest of the market. The advantages of scale, concentration on portable PCs, deeper penetration of distribution channels in

emerging regions, as well as smaller vendors exiting the market are all aiding the largest vendors, IDC said.

"The PC market continues to contract as expected, but we remain optimistic about future shipments," said Jay Chou, research manager, IDC Worldwide PC Tracker. "While PC shipments will be hampered in the short run by the availability of a free upgrade to Windows 10, the improved PC experience across user segments should drive longer-term demand for new PC hardware that is expected help stabilize the market in 2016 and beyond."

"Still, there is some hope in the fourth quarter," stated Linn Huang, IDC research director, devices & displays. "New designs running Windows 10 and powered by Intel's new Skylake processors are coming to market and may represent the most compelling reason we've had in years for consumers to upgrade their PCs. Whether this compulsion translates into actual sales remains to be seen."

Top Vendors

Among global top PC vendors, Taiwan-based Acer continued in the top-5, but saw shipments decline significantly from a strong third-quarter performance a year ago as its largest regions, Europe, Middle East, and

Africa (EMEA) and Asia/Pacific, continued to see overall declines. Acer shipped about 5.0 million PCs in the third quarter, representing a market share of 7.0 percent. In the same period of 2014, the firm's shipments and market share were 6.5 million units and 8.5 percent, respectively.

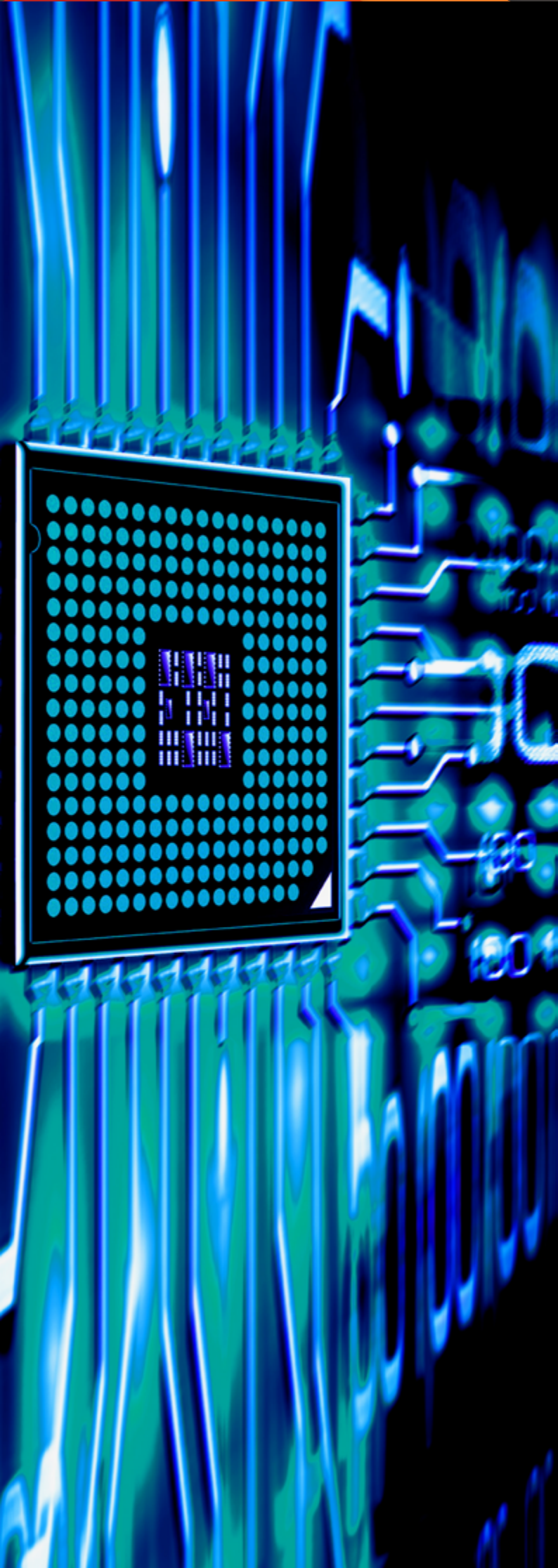
Lenovo remained the No.1 vendor with 14.9 million units shipped, a decline of 4.9 percent compared to a year ago. Flattening performance in Asia/Pacific and lackluster volume elsewhere were offset by a strong quarter in the U.S., where the vendor continues to aggressively expand partnerships.

HP remained at number 2 with shipments declining 5.5 percent YoY but still outperforming the market. HP also benefited from a stabilizing U.S. market.

Dell at number 3 shipped more than 10 million units, registering a year-over-year decline of 2.9 percent. Strong results in Asia/Pacific (excluding Japan) and a flat market in the U.S. helped to offset a relatively slow EMEA market. Notebook volume also was decent.

Apple continued to outperform other vendors, moving to number 3 in the U.S. and boosting share globally as well as domestically.

Top-5 Vendors in Worldwide PC Shipments(Q3, 2015) (Shipmentin 1,000s of units)					
Vendor	Q3'15 Shipments	Q3'15 Market Share	Q3'14 Shipments	Q3'14 Market Share	Q3'15/ Q3'14 Growth
1.Lenovo	14,937	21.0%	15,699	19.7%	- 4.9%
2.HP	13,905	19.6%	14,715	18.5%	-5.5%
3.Dell	10,120	14.3%	10,425	13.1%	-2.9%
4.Apple	5,324	7.5%	5,514	6.9%	-3.4%
5.Acer Group	4,997	7.0%	6,746	8.5%	-25.9%
Others	21,693	30.6%	26,459	33.3%	-18.0%
Total	70,976	100.0%	79,558	100.0%	-10.8%
Source:IDC Worldwide Quarterly PC Tracker, October, 2015					



Electronic Components & Parts

■ Recommended Advertisers

- ARGO TECHNOLOGY CO., LTD.
- CHEN YING ENTERPRISE CO., LTD.
- EXCELLENT POWER ELECTRONIC CO., LTD.
- HUANG LIANG PRECISION ENTERPRISE CO., LTD.
- INGGER RUBBER ENTERPRISE CO., LTD.
- TAI YAO ELECTRIC CO., LTD.
- TRUSTY INDUSTRIAL INC.
- WEILIC ENTERPRISE CO., LTD.

■ Advertiser Index

- RICHMEG INDUSTRY CO., LTD.



GPS & RF Solutions

ARGO TECHNOLOGY CO., LTD.

TEL:886-2-2698-0598
FAX:886-2-2698-0597
<http://m.cens.com/s/16768035>

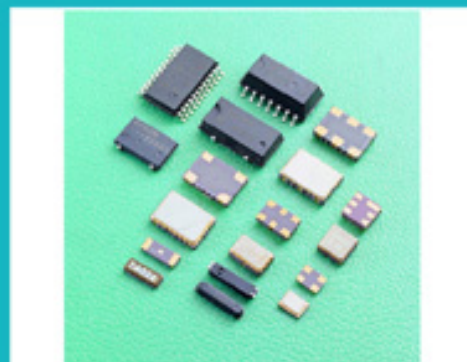
ARGO Technology Co., Ltd. is specialized in providing and designing band frequency controlling devices and micro wave wireless communication parts and components. We also distribute a number of famous brand name parts and components from Japan, Europe and America. We dedicated to develop the information age without any boundary with computers, IT a ... [more]



Frequency Products



Sensors



Frequency Products

CHEN YING ENTERPRISE CO., LTD.

connector, FFC, FFC cable, wire to board, wire towire, Board to Board, wire marnesses, Cable assembly, Mini Fit

Chen Ying Enterprise Co., Ltd. is professional connector manufacture for 20 years, we produce wire to board, wire to wire, board to board, housing, terminal, FFC/FPC connectors and wire assembly. OEM is welcomed, we provide customized product from mold developing, plastic injection, metal stamping mold to product assembly.



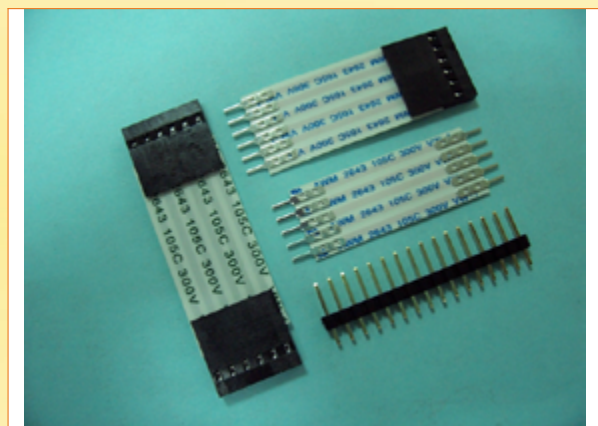
CH4201



CH328,330



Wire-Harness



FFC-cable-assembly-CH2542

CHEN YING ENTERPRISE CO., LTD.

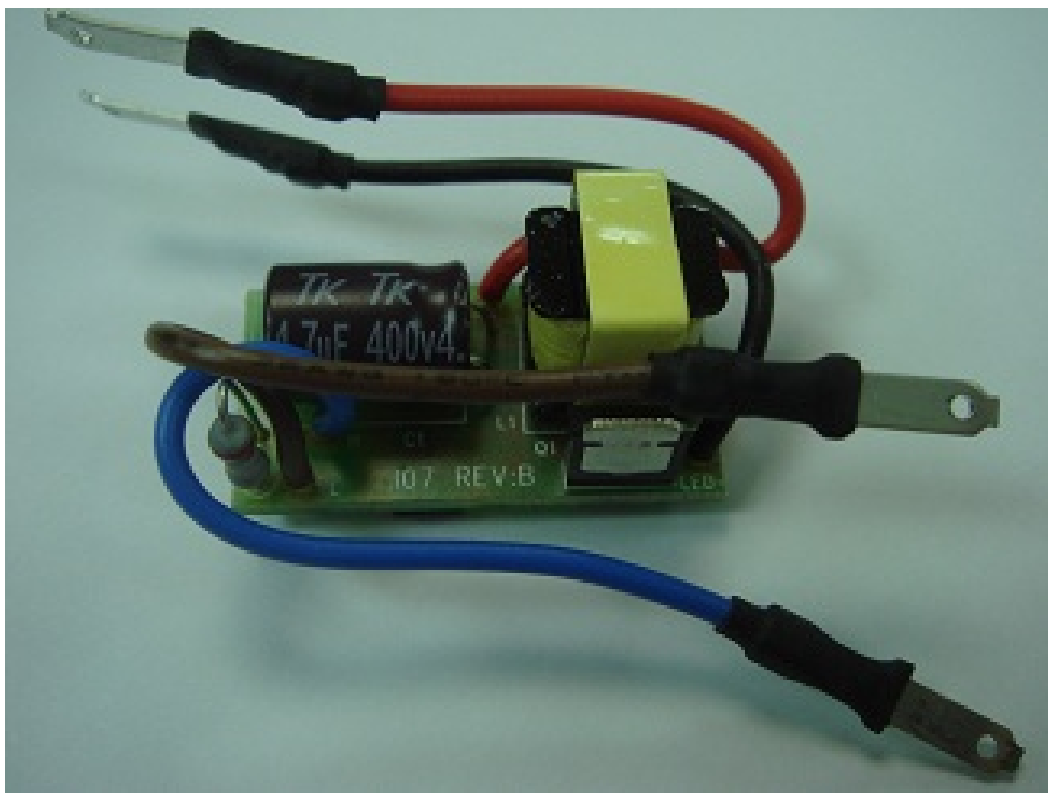
3F., No.1, Ln. 114, Heping Rd., Luzhou Dist., New Taipei City 247, Taiwan

Tel:886-2-2283-0855

Fax:886-2-2288-1063

E-mail: chs@chienshern.com.tw

Website: m.cens.com/s/86373892



I070 6~9W LED Driver

EXCELLENT POWER ELECTRONIC CO., LTD.

TEL:886-2-8923-2980
FAX:886-2-8923-2982
<http://m.cens.com/s/excellent>

Excellent Power Electronic Co., Ltd. was established since May 2000. We have a high quality, quick response and experienced R&D engineer team focus on the market of high end OEM/ODM switching power supply development and manufacturing. We have wide range input of industry & military car adapter; cost effective and compact size DC-DC switching power ... [more]



BSD-60-112 12V / 60W car adapter



I090 7~12W LED Driver



BSD-60-119 19V / 60W car adapter

Huang Liang Precision Enterprise Co., Ltd.

A Specialized Manufacturer of CNC Turning & Milling Parts in Taiwan
118 sets CNC Automatic Compound Lathe in-house

Main Product:

Automobile/ Motorbike/ Bicycle Parts:

Choke Shaft, Oil pump shafts, Auto Bystarter, Check valve, Main jet, Needle jet, Fuel tap, Piston Pin, Joint pipe, Collar, Rollar, Screw Rod.

Reducing Valves:

Reducing valve, Switch gear system, Adapter, Alarm, etc.

Golf Club Component:

Screw, Weight, Sleeve, Washer, Clip, Pin, Coupling, Double Angle Ring

Customized Services:

Sports equipment, Digital camera, Implant and medical parts, Hardware for various applications, and Assorted turning parts, etc.



Qualified:

ISO/TS 16949-Second, ISO 9001:2008,
ISO 14001:2004, OHSAS 18001:2007



Huang Liang Precision Enterprise Co., Ltd.

No. 10, An Lin 5th Street, Yen Chao Dist.,
Kaohsiung City 82443, Taiwan
Tel: 886-7-6166666 #181 #182
Fax: 886-7-6168655/0089
E-mail: sales@huangliang.com
http://www.huangliang.com
Skype: sales.thl

Ingger Rubber Enterprise Co., Ltd.

Oil Seals, Bumpers, Front Forks, O-Rings, Gaskets



INGGER RUBBER ENTERPRISE CO., LTD. is dedicated in "Oil Seals, Bumpers, Front Forks, O-Rings, Gaskets, Engine Mounts, Rubber Parts, Oil Rings, OEM Rubber Parts, Washers, Industrial Rubber Goods, Catch Plates" with operations in Taiwan.



Ingger Rubber Enterprise Co., Ltd.

No. 15, Chang-an 2nd St., Kuanghua Borough,
Taiping Dist., Taichung City, Taiwan 411

Tel: 886-4-2393-1238

Fax: 886-4-2393-1239

E-Mail: 3ayingko@gmail.com

<http://www.ingger.com>

TAI YAO ELECTRIC CO., LTD.

Plastic Film Capacitors, Capacitors

Leading film capacitors-Tai Yao Electric Corp. Ltd., Founded in 1994, Specializes in manufacturing metallized polyester film capacitors, and has become a high-quality film capacitors supplier with advanced production technologies, automated production equipment, and stringent quality control systems in film capacitors. Confronted with feverish competition for market share in the new era, we have confidence in winning the race by providing our customers with superior products and whole-hearted services. We will do our best to meet all customers requirements.

KC.**TAI YAO ELECTRIC CO., LTD.**

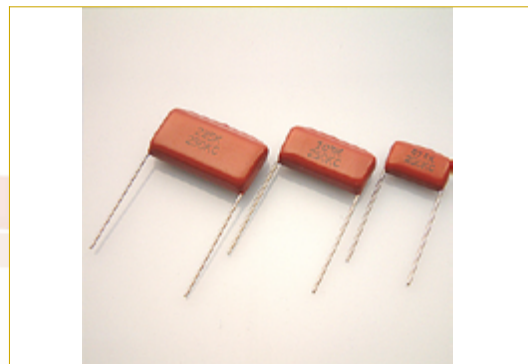
89 Kangpu Rd., Sec. 2, Wuchi Dist., Taichung City, Taiwan 435

Tel:886-4-2657-4657

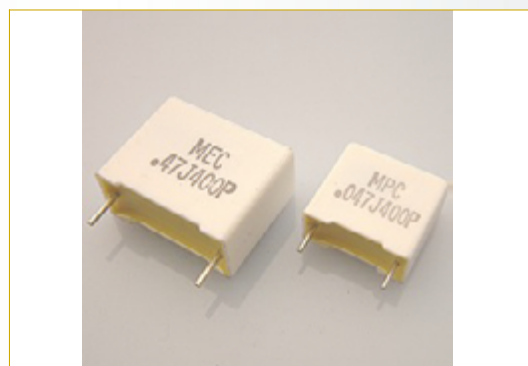
Fax:886-4-2657-1362

E-mail: taiyao.ataiyao@msa.hinet.net

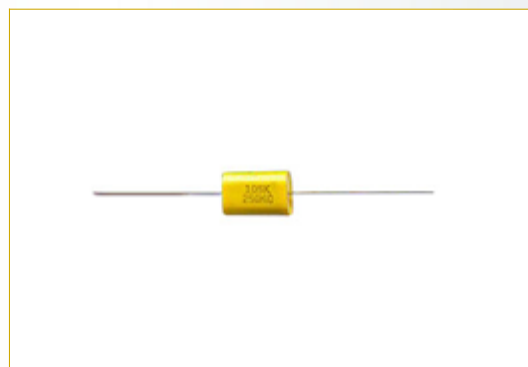
Website: www.taiyao.com.tw



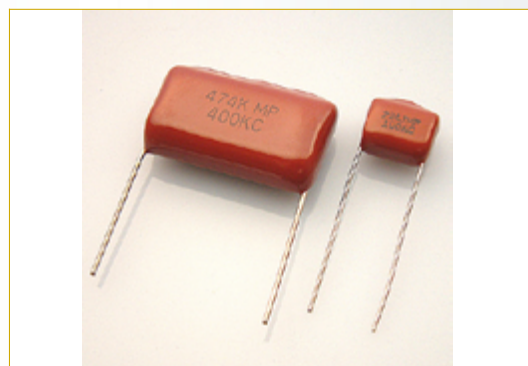
Metallized Polyester Film Capacitor



Metallized Polyester Film Capacitor



Metallized Polyester Film Capacitor



Metallized Polypropylene Film Capacitor

TRUSTY INDUSTRIAL INC.

Trusty supplies computer adapters, connectors, mini gender changers, D-sub changers, DVI-to-HDMI adapters, IEEE1394 adapters, laser pens.

TRUSTY INDUSTRIAL INC. was established in 1985 as a manufacturer of quality connectors, computer cables and components and the newest Consumer Electronic Products. Though over ten years, we have always been making every endeavor to keep our products innovative, versatile and with assurance of best quality.



HDMI - Adapter



DVI Adapter



USB3.0-Cable



D-SUB Standard



Standard Centronic



DVI (To Digital / VGA)
Adapter

TRUSTY INDUSTRIAL INC.

No. 95, Chengho St., Lu-chou Dist.,
New Taipei City, Taiwan 247

Tel: 886-2-2288-3361 Fax: 886-2-2282-9350

<http://www.trusty-tech.com>, www.cens.com/trusty

E-mail: leo@trusty-tec.com.tw

WEILIC ENTERPRISE CO., LTD.

AC Adapter Socket, Plug, Jack, Push Button, Toggle, Slide, Rotary Switch, Fuse Holder



RCA PLUG



AUDIO PIUG



AUTO PLUG



ALLIGATOR CLIP

A specialist manufacturer, exporter and designer of adapters, connectors, switches....etc., various electronic components. Weilic has the ability to turn customers' demands into more effective products, innovatory skills should lead customers to more competitive area. Weilic always provide value products to different markets, including AC adapters/sockets, knobs, switches, audio/video connectors, auto plugs/sockets, banana plug/Jack, binding post, fuse holders, indicator LED, RF connectors(BNC, TNC, UHF....etc)&cable's OEM. Now we're developing fiber optic connectors & patch cords. Although some of our products are sourced from satellite factories, but over 25 years of technical experience assures competitive pricing and unsurpassed quality. We provide a fast dispatch service on a comprehensive range of suitable products. If you are looking for single supplier who can provide competitive pricing & wi ...

WEILIC ENTERPRISE CO., LTD.

No. 2, Lane 872, Chung Shan South Road, Yung Kang Dist., Tainan City 71088, Taiwan

Tel:886-6-2339396

Fax:886-6-2335451

E-mail: chiny@weilic.com

Website: www.cens.com/weilic

RICHMEG INDUSTRY CO., LTD.

**Forming Jaws/Pointing Dies for Self-Drilling Screws,
Pinch Pointer Center Pointer Wing Pointer, Precision
Stamping Punch Parts and Mold Design, Zinc Alloy Die-
Casting Export, Solenoid Types Available**

Richmeg Industry Co., Ltd. has been producing electronic components since 1985 and with a solid foundation we set up a new factory which specializes in manufacturing solenoids applicable for office automation machines, electrical appliances, transportation equipment, game machines, vending machines and other electrical equipment. Every expert engineer is motivated to pursue constant breakthrough both in techniques and quality. All our staff members and the 6 fully operated production lines are always ready to serve you with superior quality products at competitive prices. Contact " Richmeg" right now for a mutually beneficial relationship.



The Pulse of Automation

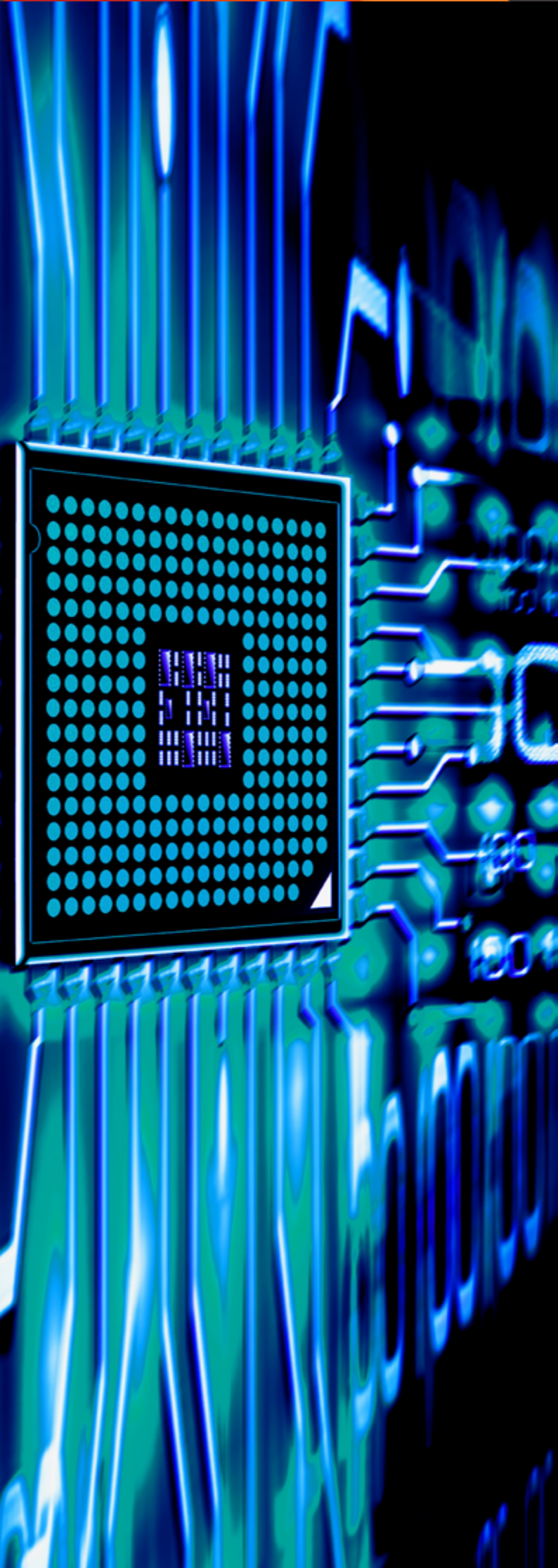
RICHMEG INDUSTRY CO., LTD.

Tel:886-4-2425-2798

Fax:886-4-2425-2698

E-mail: richmeg@ms7.hinet.net

Website: www.richmeg.com.tw



Electronic Products and Communication Devices

■ U Report Section

YU-SHENG SHEET METAL CO., LTD.

■ Recommended Advertisers

CHUEN JAANG PRECISION INDUSTRY CO., LTD.

HON TURING TECHNOLOGY CO., LTD.

SAINT WIEN ENTERPRISE INC., LTD.

SUNHUI NEXI DEVICE TECHNOLOGY CO., LTD.

YI-FA HARDWARES CO., LTD.

Yu-Sheng Sheet Metal Co., Ltd.

Integrated sheet-metal processing and manufacturing, precision sheet metal, sheet-metal control boxes, cases, housings for various applications

Founded in 1980, Yu-Sheng Sheet Metal Co., Ltd. is a veteran company specializing in providing integrated precision sheet-metal processing and manufacturing, as well as assembly services to global customers. The company takes pride in its strong integrated capability from development, processing, manufacturing to assembly, which is rarely found among most peers who only make sheet metal products.

Yu-Sheng focuses mainly on processing and production of sheet metal (of aluminum, steel, stainless steel, cooper, etc.) products under 3mm in thickness, and is capable of developing and making precision cases and housing with 200 to 300 parts. The firm's products are widely applied in various industrial and commercial applications, such as machinery housing, traffic-sign housing and control boxes, automatic teller machines (ATM), POS (point of sale) devices, casino gaming machines, electrical communication products and cases, ticket-vending machines, food/beverage machines, video games, coin exchangers, sporting goods, and many others.

Currently Yu-Sheng operates a modern and integrated factory in the Tainan Technology Industrial Park, southern Taiwan. The firm employs over 70 people, including a group of engineers with expertise and know-how in different fields, such as material science, structural design, mechanical engineering and production process.

The firm has a comprehensive range of processing and manufacturing equipment in-house, including numeric control (NC) laser cutting machines, NC automatic pressing machines, NC broaching machines, advanced

surface-treatment (powder-coating) production lines, and welding production lines.

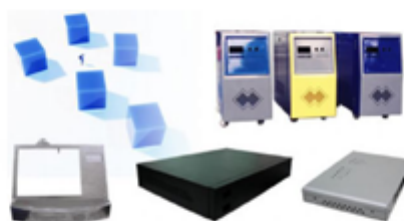
Unlike typical sheet-metal makers, Yu-Sheng also offers global customers in-house assembly and testing services to cut their production time and transportation costs, thanks to the company's strong expertise in mechanical design and production.



High-quality sheet-metal products made by Yu-Sheng.



Yu-Sheng provides integrated services to global customers, from design, development, production to assembly.



The sheet-metal maker offers wide-ranging product lines.

Yu-Sheng Sheet Metal Co., Ltd.

58 Kechi 5th Rd., Tainan, Taiwan 70955

Tel: 886-6-384-2699

Fax: 886-6-3842678

E-Mail: ys.online@msa.hinet.net

Website: www.ys-online.com.tw

HIGH QUALITY PRECISION MANUFACTURE

Main Products:

Semi-conductor equipment part, Machine and Automobile Parts, Electronic Transmission Parts, Connector, Special Tools, Punches, Mini Punches. Various type of Turning, Milling, Grinding Parts.

Machining Capabilities:

- **Turning** : $\varnothing 0.3\text{mm} \sim \varnothing 400\text{mm}$
- **Grinding** : Min. $\varnothing 0.03\text{mm}$ Tolerance down to 0.001mm
Surface finish can be as fine as $0.1\mu\text{m}$
- **Milling** : Max. length 2500mm

Material:

stainless steel, brass, copper, aluminum and alloy steel. precision machines tools of ferric metal, such as HSS, HSCo, solid carbide.



Welcome OEM/ODM Cooperation



CHUEN JAANG PRECISION INDUSTRY CO., LTD.

707 CHUNG SHAN RD. SEC.1, HU NEI DIST., KAOHSIUNG 82944 TAIWAN

Tel: 886-7-693-1565 (5 Lines) Fax: 886-7-693-1760

E-mail: chuen.jaang@msa.hinet.net
june@chuenjaang.com.tw

<http://www.chuenjaang.com.tw>

NEW

POWER INVERTER

FOR

2016



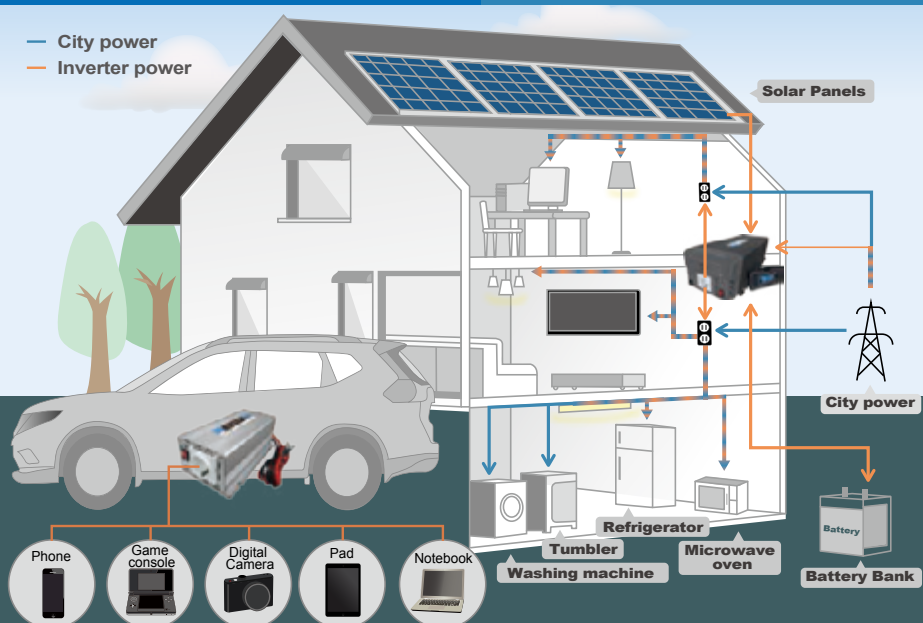
Hon Turing Technology Co., Ltd.
鴻圖林科技股份有限公司



HT APP



- ▶ DC to AC Power Inverter
- ▶ Multistage Battery Charger
- ▶ Inverter built in Charger
- ▶ DC to DC Converter
- ▶ Solar Module



The best power solution provider.

150W inverter



HT-M-150C

350W inverter



HT-M-350

3000W inverter



HT-M-3000

500W inverter



HT-S-500

1000W inverter



HT-S-1000

3000W inverter



HT-S-3000

**30A-12V / 15A-24V
battery charger**



HT-C-30-12 / HT-C-15-24

1500W solar inverter



**HT-T-M1500
HT-T-S1500**

Hon Turing Technology Co., Ltd.

ADD: No.36, Yangda 2nd Rd., Yongkang Dist., Tainan City 710, Taiwan (R.O.C)
E-mail: sales@mail.turing.com.tw TEL: +886-6-231-9525 FAX: +886-6-202-4047
http://www.turing.com.tw http://www.izzypower.com.tw



Meet us at HK Electronics Fair 2015 (Autumn Edition) Oct. 13 ~ 16, 2015.
Booth no.: 5B-B33 at HK Convention and Exhibition Center (Wan Chai, Hong Kong)

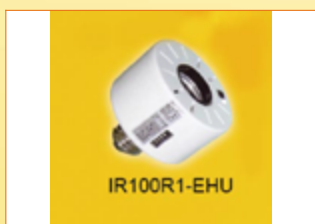
SAINT WIEN ENTERPRISE INC., LTD.

Saintwien Tirrers, Counters, Rate Meters, Panel Meters, Sensors & Accessories, Temperature Colltrollers

Automatic Control Instruments & Lighting Remote Control, Remote Controlled LED Lamp Bulb
 1 Digital Counter: 2~8 digits 1/2 preset, EEPROM backup (H24x48, 48x48, H48x96, 72x72, H72x144)
 2 Digital Timer: 2~8 digits 1/2 preset (H24x48, 48x48, H48x96, 72x72, H72x144, H88x60)
 Multi range 0.001~9999999.9H, EEPROM power failure backup
 3 Analog IC timer: 1~60H multi range
 4 Digital Panel Meter: Volt/Current with Hi Low preset. Display meter with Pre Scaler is available.
 5 Digital Frequency Meter: 4/6D display, input voltage 85~250VAC or 0~5VDC pulses
 6 Digital RPM/Line Speed Meter: 4/6D1P/R input, Pre scaler & Hi Low preset available
 7 Protection Relay/Controller: Volt, Current, Motion, Speed, RPM, Hz detector
 8 Totalizer: 8D LCD counter. Input assign Contact or DCV or ACV.
 9 Hour meter: 8D LCD hour meter. Input assign Contact or DCV or ACV. T ...



F201



IR100



Digital Panel Meter



H7N

SAINT WIEN ENTERPRISE INC., LTD.

4F., No.2, Ln. 114, Heping Rd., Luzhou Dist., New Taipei City 247, Taiwan

Tel:886-2-2282-8375

Fax:886-2-2282-8377

E-mail: stwien@ms72.hinet.net

Website: www.taiwantrade.com.tw

SUNHUI NEXI DEVICE TECHNOLOGY CO., LTD.

HID Lamps, IOT Network-connected Products, Wireless Communications Products, Bluetooth Products

We are an export and develop company located in Taiwan. Smart-Home devices are our main products. SUNHUI is a working team of young and active, highly observe three core values: Marketing of Development, Application of Cooperation and Support of Technology. Times of IoT had came, we interested who want to spread Smart-Home Device to the world together. Our Products: IOT Network-connected Products, Wireless Communications Products, Bluetooth Products, Smart Home Devices, IP Camera, LED Bulb, Smart Control, Smart WIFI Socket, Smart Switch, Micro Smart Products, Smart Home System, Smart Security System, Smart Safety System, Smart Music Bulb, Zigbee System, HID Work Lamps



Smart Control Allone (WIFI-IR)



Smart WIFI Socket(USA)



WIFI IP Camera



Smart Music LED Bulb

SUNHUI NEXI DEVICE TECHNOLOGY CO., LTD.

2F, No. 190, Aikou 6th St., Zhubei City, Hsinchu County, Taiwan 302

Tel: 886-905-551687, 86-185-20858068

Fax: 86-185-20858068

E-mail: 3050334197@qq.com

Website: www.sunhuinexi.com

YI-FA HARDWARES CO., LTD.

Fibre Brush, Hair Brush, Wheel Brush, Nylon Brush, Tube Channel Brush



Flat Brush



Our plant mainly produces industrial-use cleaning brushes, including LCD tube brushes, surface brushes, wheel-typed brushes, and a wide range of other brushes. Brush materials include: stainless steel wires, copper wires, steel wires, nylon wires, and grinding nylon, among others.

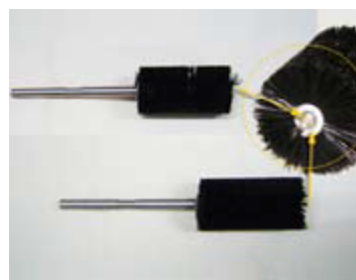
Our cleaning brushes are available in full sizes and specifications. For details, please contact us by telephone or fax



Fibre Brush



YIHEA 義發加工廠



Brush



YI-FA
HARDWARES CO., LTD.

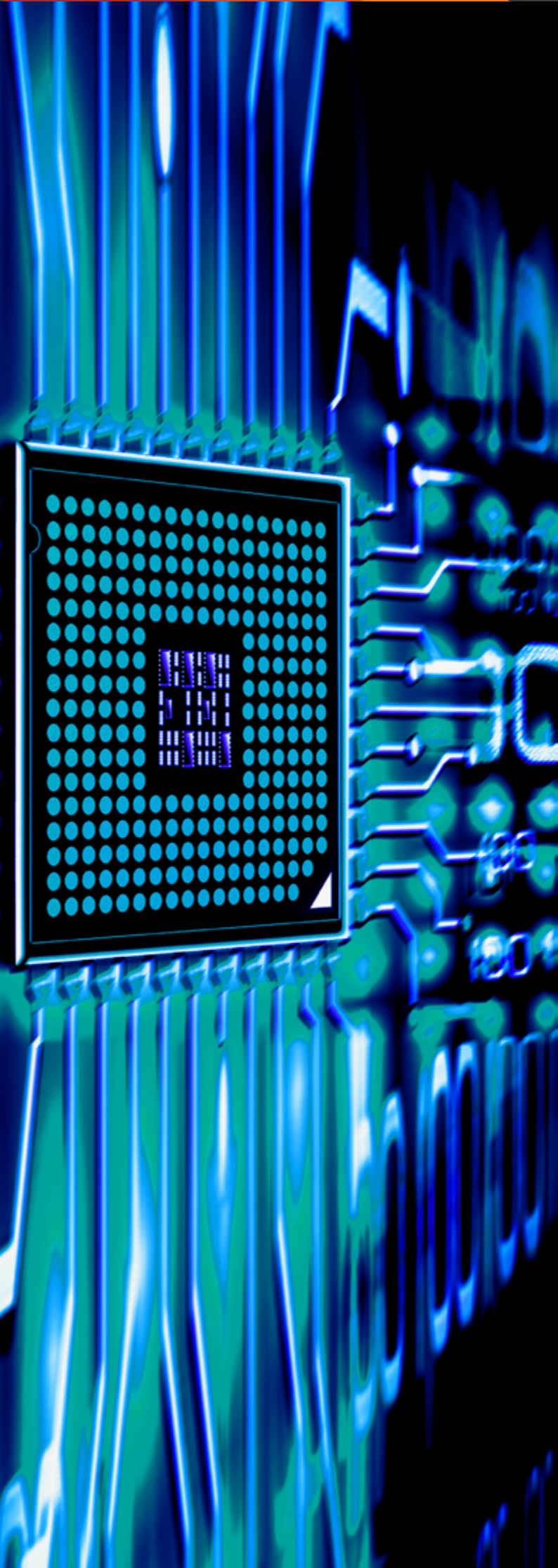
Tel: 886-5-235-3657

Fax: 886-5-236-0127

E-mail: yifa657@ms78.hinet.net

Website: www.yihfa-brush.com





Consumer Electronics & Electrical Products

■ Recommended Advertisers

- DING HSIN CO., LTD.
- JURAT HOUSEWARE SUPPLIES, INC.
- JYH SHINN PLASTIC CO., LTD.

■ Advertiser Index

- TAIWAN NEON LIGHTS CO., LTD.

DING HSIN CO., LTD.

Rectifiers, Electromagnetic Coils, Power Supplies, Shaded-pole Motors, Coreless Coils



Coils

Ding Hsin Co., Ltd., founded in 2000, is a specialist manufacturer of various transformers, DC rectifiers, power supplies, electrical coils, electromagnetic barrel coils, AC shaded-pole cooling motors, DC motors DA†'AC, UPS.AC†'AC step-down transformers, etc. We welcome clients' samples, design, OEM orders and joint domestic/export sales. Products: Various transformers, DC rectifiers, power supplies, electrical coils, electromagnetic barrel coils, AC shaded-pole cooling motors, DC motors DA†'AC, UPS.AC†'AC step-down transformers



Power supplies



PCB transformers



Transformers

DING HSIN CO., LTD.

No. 18, Alley 17, Lane 16, Yong-an S. Rd., Sec. 2, Luzhou Dist., New Taipei City, Taiwan 247

Tel:886-2-8282-8311

Fax:886-2-8282-6911

E-mail: dinghsins@gmail.com

Website: www.dinghsin.com.tw



52" Decorative Ceiling Fans

JURAT HOUSEWARE SUPPLIES, INC.

Tel:886-4-2535-1089
Fax:886-4-2535-8496
E-mail: jurat@ms24.hinet.net
Website: www.jurat.com.tw

Established in 1987 and we are now mainly produce ceiling fans, energy saving ceiling fans, mailboxes & house signs. All our products are made in Taiwan so can ensure high quality and punctual delivery.



52" Decorative Ceiling Fans



Pull Chains & Ceiling Fan
Accessories



Mailbox



Jyh Shinn Plastic Co., Ltd.

Nylon Parts / Plastic Fasteners / OEM & ODM service -Taiwan

Since the establishment in 1976, Jyh Shinn Plastic Co., Ltd has been producing plastic fasteners and wiring accessories. It has more than 30 years of experience in plastic forming and mold design, constantly seeking quality and sophistication in products.

Our products include:

Cable tie: Nylon cable tie, Locking cable tie, Releasable cable tie, Printed cable tie, Security cable tie, Velcro cable tie, Stainless Steel cable tie, Acid & Alkali Proof Cable Ties,...etc.

Plastic part: Cable/hose clamp, Wire tie mount, Cable Gland, Spiral Wrap Band, Wire Duct, Automotive fasteners, and Plastic fastener, Closed End Connector, Splicing Connector,... etc.

If you are interested in our parts, please browse our website: www.jsplastic.com to know more products.

We have UL certification, RoHS compliant and ISO 9001-2008 to ensure our quality is good and stable. Wish that we can have the chance to work with you.



Jyh Shinn Plastic Co., Ltd.

No.111, Lane 516, Yian Rd., Sec. 2, Annan Dist.,
Tainan City, Taiwan 70943
Tel: 886-6-255-8209
Fax: 886-6-255-8210
E-Mail: jsp1976@ms71.hinet.net
<http://www.jsplastic.com/>
<http://www.cabletiesupplier.com/>



TAIWAN NEON LIGHTS CO., LTD.



Automotive LED bulbs



TNL HIGH POWER LED



TNL SMD LED



NEON PCBA

TAIWAN NEON LIGHTS(CHINA)CO.,LTD. is a Taiwan-capital enterprise. Having 30 years of experience in making Neon lamps, it is a well experienced manufacturer in the lighting industry. The quality policy of Fengsheng is to start with customer's requirement and end with customer's satisfaction. The operation philosophy of Fengsheng is to make excellent products to benefit the society. Thus, Fengsheng has been emphasizing on product quality and management. In 1997, it established the ISO9002 system and got the German certificate of TÜV. Up to now, Fengshe ...

TAIWAN NEON LIGHTS CO., LTD.

NO. 22, LANE 600, NAN-TA ROAD, HSIN-CHU, TAIWAN

Tel:886-3-526-9258

Fax:886-3-524-1893

E-mail: tnl@ms27.hinet.net

Website: www.cens.com/neon

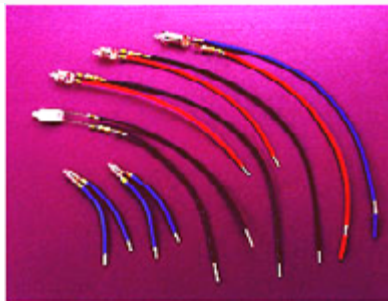
Neon Lamp, Indicator Lamp



Based Neon Lamps



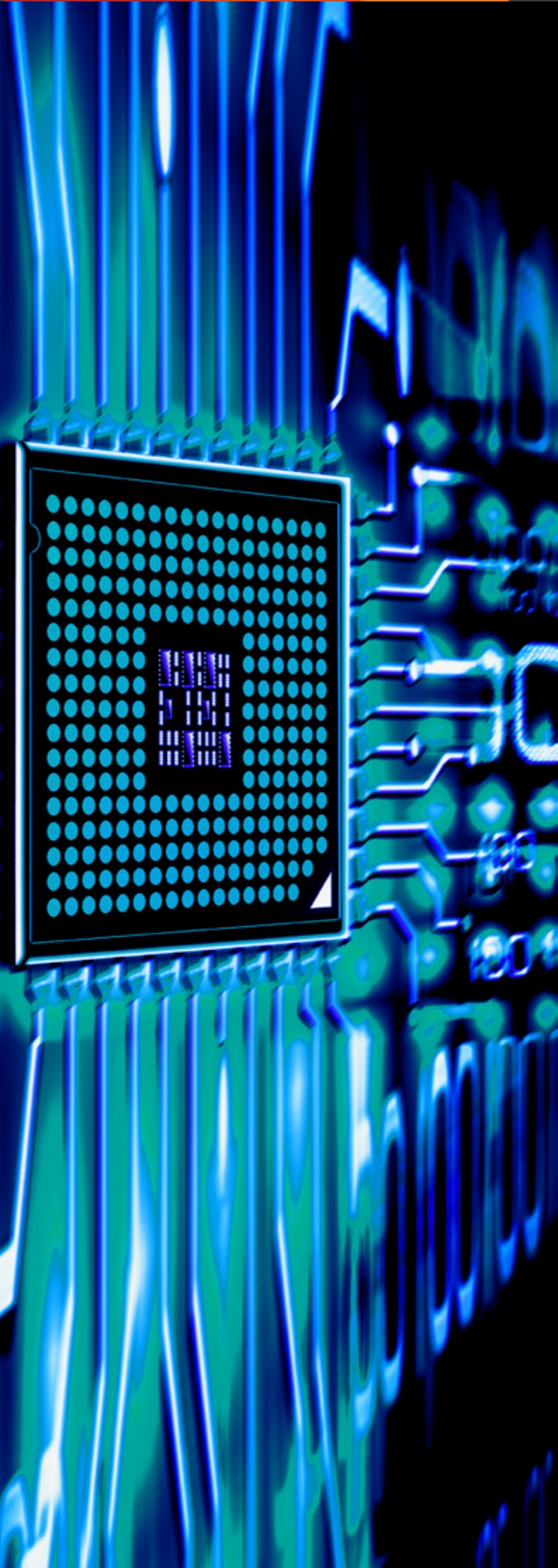
Neon Lamps with insulated Tube



Neon Assembly



Neon Lamps+Resistors



Computer Parts, Components, and Accessories

■ Recommended Advertisers

DAY TAY PLASTIC INDUSTRY LTD.

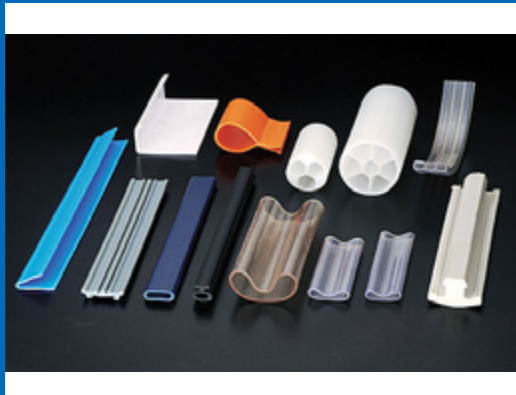


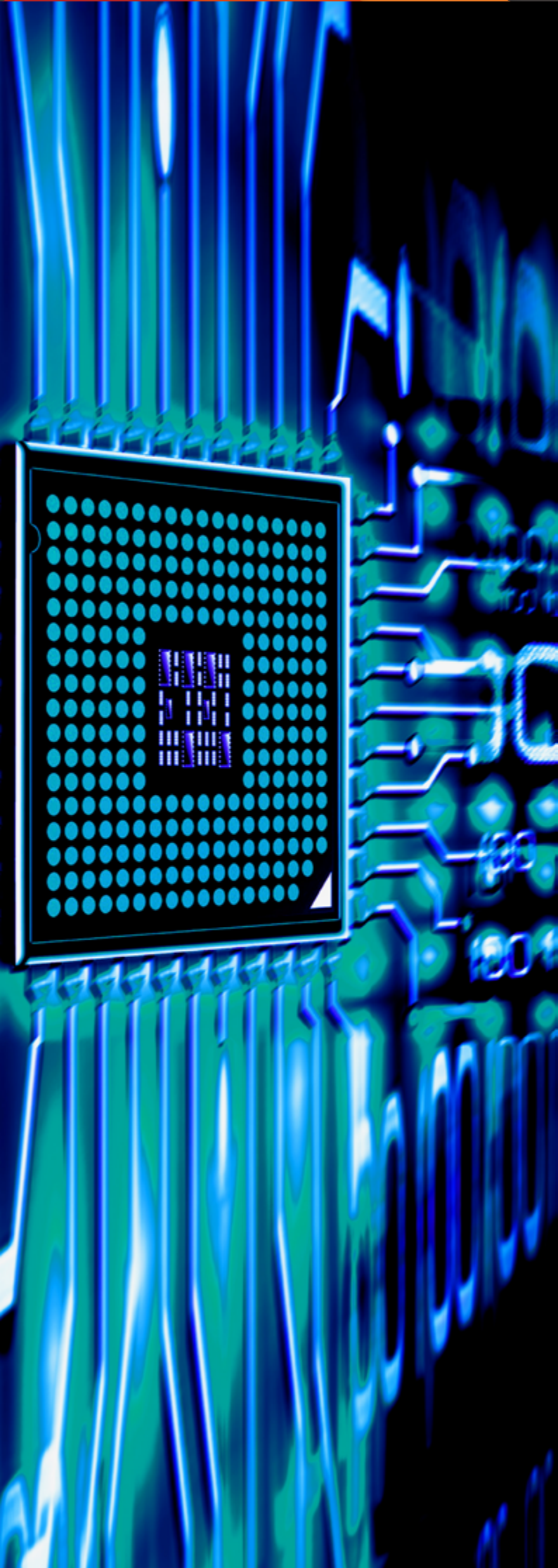
3D Printer Filament

DAY TAY PLASTIC INDUSTRY LTD.

Tel:886-4-2699-8879
 Fax:886-4-2699-8874
 E-mail: dte8879g@hotmail.com
 Website: www.daytay.com.tw

Day Tay Plastic Industry Ltd. specializes in plastic extrusion. Backed by 40 years' experience, we are a leading manufacturer working steadily to provide quality products to meet customers' demands, offering mainly 3D Printer Filament, garden hoses, special clip bars, bag trim tubes, garment tubes, fishery tubes, special furnishing tubes, sleeve and sheath for utensils, also ODM, OEM, plastic sourcing, ...





Computer Peripherals

■ Recommended Advertisers

BEAM TECH ELECTRONICS CO., LTD.

HO SHUAN ENTERPRISE CO., LTD.

PRECASTER ENTERPRISES CO., LTD.

SANE JEN INDUSTRIAL CO., LTD.

Does your UPS tell you how much back-up time is left? Ours do!

Besides, we have more advanced & friendly feature: including full operation data by LCD display, communication port for USB, RS-232, and/or dry contact, communication slot for SNMP & AS400 card, & smart setting software, UPS Wizard, for adjustment of operation parameters.

Full product lines for pure sine wave UPS from 650VA through 12KVA, standard & long-run, tower & rack.



COMPUTEX TAIPEI 2015

See us at
Booth No. B1122
June 2 ~ 6



SSpro-5000/6500
Extra Smart Series, Pure Sine wave output



SI-400/401/402/425/425U,
Internal Series UPS (AC/AC).



SRpro-1000/1500/2200/3300/5000
Extra Smart series, Rack,
Pure Sine wave UPS.

SSpro-650/1000/1500/2200/3300
Extra Smart UPS, Tower,
Sine wave output.



BEAM TECH

BEAM TECH ELECTRONICS CO., LTD.

No. 756, 4F., Chung Cheng Rd., Chung Ho (23586), New Taipei City, Taiwan.
Tel: 886-2-2225-9928 • Fax: 886-2-2225-6675, 2225-5454
E-mail: info@beamtech.com.tw • <http://www.beam-tech.com>



ISO 9001



Combination Workstation

HO SHUAN ENTERPRISE CO., LTD.

Tel:886-4-2561-9461/2
Fax:886-4-2562-4796
E-mail: hos@ms17.hinet.net
Website: www.hoshuan.com.tw

Insisting that customers are always our first priority, we provide the best possible computer tables and desks to fulfill all customer requirements. Our business goal is to create lucrative business opportunities for and share profits with our customers. Established in 1986, Ho Shuan Enterprise Co., Ltd. has experienced and survived from the recent sluggishness of the local market, after years of effort. Tha ...



Modular conference table/Flipper
Tables



Childhood Furniture



iPad charging storage cabinets



Laser Distance Meter

PRECASTER ENTERPRISES CO., LTD.

Tel:886-4-2262-1000
Fax:886-4-2261-6565
E-mail: contact@precaster.com.tw
Website: www.cens.com/precaster

Precaster Enterprises Co., LTD.,is a self-owned family business, founded in 1977 Taiwan. In the early stage, Precaster started as a surveying solution provider included training, techniques, consulting, sale and maintenance. After accumulated a huge experience on making Laser Distance Meter over the past decede. Later on, we officially established our R&D department and our mission is to provide measu ...



Laser Distance Meter



Laser Distance Meter



Laser Distance Meter

Totally Designed for Warehousing & Retail Display

Enhancing efficiency, management, space & labor cost saving

~ Custom orders are welcome! ~



Storage



A-5 折疊式倉庫籠 Foldable Wire Containers
L1000xW800xH840mm

- 折疊式倉庫籠適合存零件及配件
- 4層可堆疊存儲，不使用時可折疊
- 2層可堆疊存儲運輸
- For storing tools, parts & accessories
- 4-layer stackable storage, foldable when not in use
- 2-layer stackable storage for trucking



迅速平穩的收摺動作 Prompt assembly and fold-up.



方便叉車堆疊搬運
Container in use with fork-lift.



倉庫籠於不使用時，可攤平穩固堆疊，節省空間，方便收納
Disassembled containers can be cross-stacked securely when not in use.

Trolleys



MK-5 物流台車 Trolley
L1100xW800xH1700(m/m)
Capacity:500kgs

- 物流台車方便倉儲物品分類節省空間，
配送移動迅速
- Logistics trolley for convenient storage and sorting,
with space-saving structure and high mobility
- 物流倉儲/Logistics and Warehousing
 - 自動化倉儲/Automated Warehouse system
 - 物流配送/Distribution



MKD-5-3P
多層隔板
Multi-shelf



MKD-5-P
雙層隔板加門片
Double-shelf with
a mesh door



MKC-5-3N
多層隔板可任意調整
高低 / 角度，方便取貨
Shelf is height and angle-adjustable
for convenient goods loading and unloading



MKD-5N
保護網加門片
Mesh sides with
a mesh door



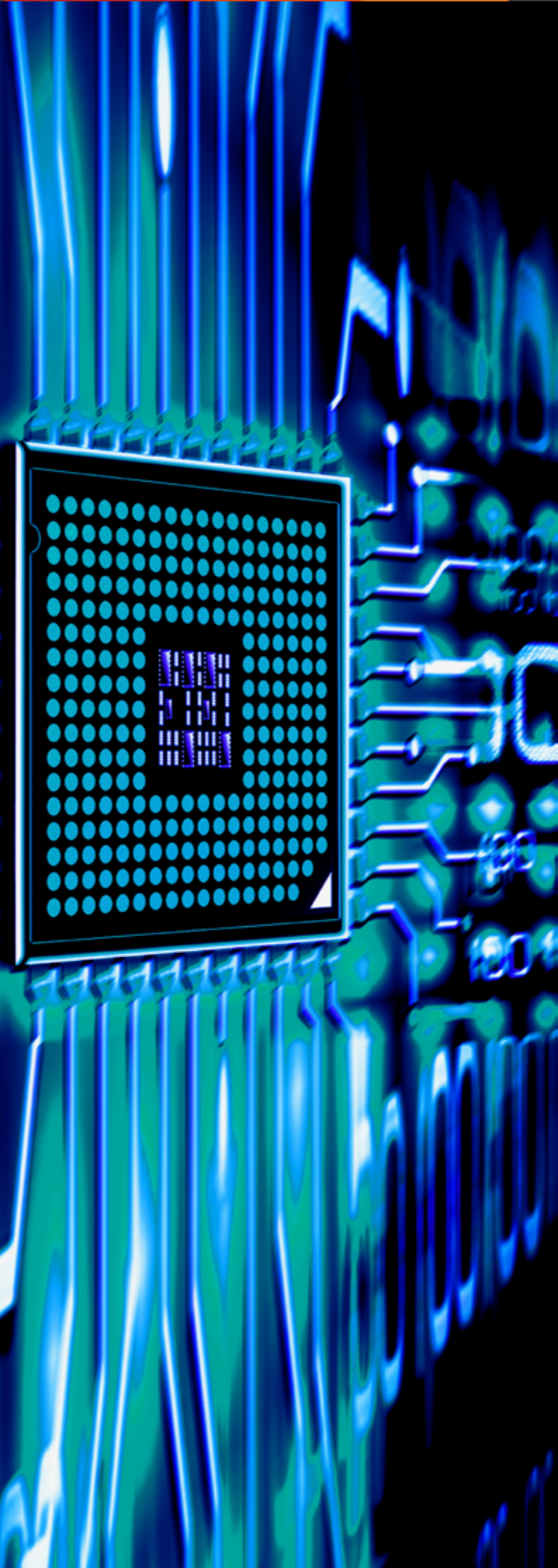
物流倉儲 Loading & Unloading

· For delivery, distribution, loading/unloading



勝建工業股份有限公司
Sane Jen Industrial Co., Ltd.
Web : <http://www.sj-storage.com.tw>

嘉義縣民雄鄉民雄工業區中山路10號
10, Chung Shan Road, Min Hsiung Industrial Zone,
Min Hsiung Hsiang, Chia Yi County #62154, Taiwan
Tel: 886-5-213-4789 Fax: 886-5-213-4699
E-mail : sj-storage@umail.hinet.net



Other Electronic Products

■ Recommended Advertisers

Bai Ye INDUSTRIAL CO., LTD.

SHERN SHANG COMPOSITES PULTRUSION CO., LTD.

Bai Ye INDUSTRIAL CO., LTD.

Office Furniture and Parts & Accessories, Caster, OA Furniture Parts, Socket Stem, Bolt Stem

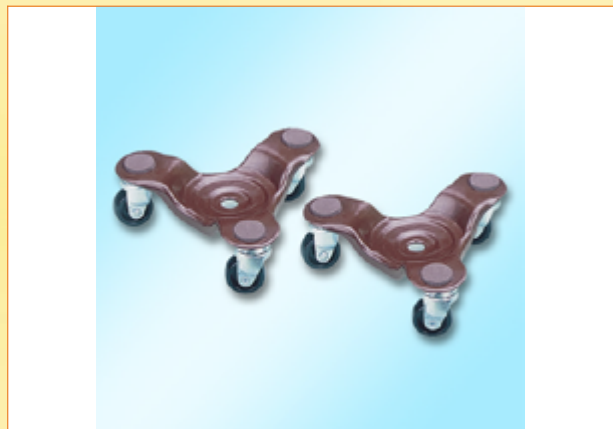
BAI YE INDUSTRIAL CO., LTD. is a professional manufacturer specializing in Hardware and Furniture Parts & Accessories with more than 30 years of experience. We have all kinds of Furniture and Hardware Parts & Accessories. We specialize in Office Furniture Parts & Accessories, including OA Furniture Parts, Handles, Bed Legs, Socket Stem, Bolt Stem, Twin-Wheel Nylon Castors, Castors, Plates, Furniture Glides, Appliance Rollers, Three-Dolly Wheel Castors, Adjustable Appliance Rollers, Metal Wrench Zinc Plated, Metal Bracket, Metal Castor Socket Zinc Plated, Metal Work Surface Connector Zinc Plated, Office Caster, Pipe/Tube Fittings, Clamps etc.. We have dedicated facilities with Automotive press machines, injection machines, assembly machines that can run full production lines and can provide ODM or OEM service to our customers. Our operations are based in ...



Metal Swivel Glide



Adjustable Appliance Rollers



Three-Dolly Wheel Castors



Metal Swivel Glide



Bai Ye INDUSTRIAL CO., LTD.

No. 178, Zhangyuan Rd., Sec. 2, Huatan Township, Changhua County, Taiwan 503

Tel: 886-4-762-7119~0

Fax: 886-4-761-3863

E-mail: kuping@ms6.hinet.net

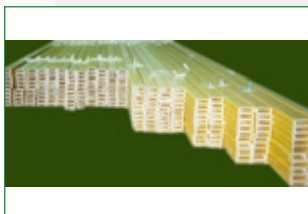
Website: www.cens.com/baiye

SHERN SHANG COMPOSITES

glass fiber, carbon fiber



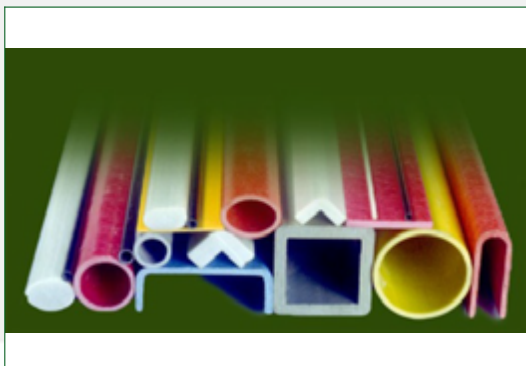
glass fiber,carbon fiber



glass fiber,carbon fiber



glass fiber,carbon fiber



glass fiber,carbon fiber

Founded in 1990, Shern Shang is a specialist in the pultrusion of glass fiber, carbon fiber, and other compound materials used in a variety of different industries. To further expand our production capacity, we set up a plant in the mainland China in 1995. Custom orders are welcome.



SHERN SHANG COMPOSITES PULTRUSION CO., LTD.

628-11 Luemei Rd., Changhua, Taiwan 500

Tel:886-4-761-8105

Fax:886-4-763-1577

E-mail: sscp@sparqnet.net

Website: www.tw-composites.com



Japanese



Russian



Spanish



Portuguese



German



Arabic



Chinese



French

See more by
other language



CENS Global Pass, the Newest Sourcing Tool

e-Age

Product Sourcing for Global Buyers

9 languages for global accessibility



Source in your own language
Less work but more productivity

CENS.com

buyerservice@cens.com



Scan for iPad & iPad mini