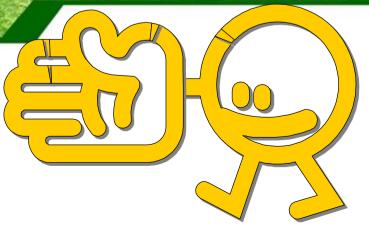
We come with the











YoungTek Electronics Corp.

Stock No: 626:

Brief Introduction

August 16th, 2016



<u>Contents</u>	<u>Time</u>
□Brief Introduction of YTEC	14:00~14:20
□Q & A	14:20~15:30
□Line Tour (Free)	15:30~16:00

- ■Brief Introduction
- **□** Factory Overview
- **□**Company Milestone
- Company Management Concept
- **□OEM Services**
- □R&D Roadmap and Own Product
 - Development
- **□**Revenue Growth
- Company Mission



Found Time: 1991/July

Chairman: Bily Wang

President: Jeff Chang

President of Own Product Group: Glen Chen

Employee: 1093 persons

Capital: NTD 1285million (USD 40.6 million)

Factories: Plant 1: Special & substrate sawing

SBIP Plant: IC Back-end turn-key service, ATE&AOI

Chuangsin Plant: IC Final Testing service

Li Hsin Plant : LED Back-end turn-key service

An Ping Plant : LED Testing & sorting Xiamen Plant : LED Testing & sorting Changzhou Plant : LED Testing & sorting

WuJiang MightYtek Plant: IC Assembly & Testing

Business Items:

- 1.Semiconductor and LED OEM: IC testing, wafer sawing, grinding, chip sorting and LED testing, laser scribing, sorting and substrate sawing.
- 2. Design, manufacture and sales of semiconductor equipments: Full-function IC tester, logic ,analog, Mixed-Signal IC Tester , LED tester, prober and sorter, CCM equipments,

Factory Overview

Company Profile



SBIP Plant



Li-Hsin Plant



Chuangsin Plant

Hsinchu

Tainan



An-Ping Plant

 \Leftrightarrow





Factory Overview





WuJiang MightYtek Plant



Xiamen YT Plant





1991/Jul.	YTEC was founded and the capital is NTD \$ 5 million.

1998/Oct.	Develop	logic tester ((Goblin)	with:	5 MHz/40 r	oins.
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- 2000/Mar. Achieved the certification of ISO 9001
- 2000/Jul. Full-function IC tester was verified by Industry Agency with predominant product development project.
- 2002/Nov. SEC (Securities and Exchange Commission) approve YTEC to public stock.
- 2003/Nov. LED OEM service was established.
- 2004/Mar. Got the approval to establish the branch in Hsin chu SBIP.
- 2004/Mar.29 Listed in Taiwan stock exchange. (Stock No.: 6261)
- 2006/Mar. Signs the cooperation agreement of the IC test system technology, with Agilent Technologies
- 2006/Dec. Achieved the certification of ISO 14001 and OHSAS 18001.
- 2007/Jul. Develop Tainan An Ping plant for LED sorting.
- 2008/May Develop Li Hsin plant for LED test & sorting.
- 2008/Oct. Achieved the certification of ISO/TS 16949.
- 2009/May. To establish the Xiamen Young Tek Electronics Co., Ltd. to provide the LED Backend Turn-key service.
- 2009/Jun. Solar silicon substrate inspection system was verified Science Park Administration with development project.
- 2010/Mar. Develop SBIP plant for wafer grinding & sawing.
- 2010/Sep. To establish the Changzhou YoungTek Electronics Co., Ltd. to provide the LED Backend Turn-key service.
- 2011/Jan. Achieved the certification of IECO OC080000.
- 2011/Dec. To establish the WuJiang MightYtek Semiconductor Co., Ltd. to provide the Semiconductor
 - Backend Testing & Ass'y Turn-key service.
- 2012/Feb. To establish the Shenzhen Clear Rich Tech. Co., Ltd. to provide the Semiconductor Backend
 - Testing service.
- 2012/May. Signs the cooperation memorandum, the expansion related marketing functions Development
 - with Yoshikawa Semiconductor Co., Ltd.
- 2013.Dec. Got the 14th Industrial Excellence Award by Ministry of Economic Industry Agency.
- 2015.May. Development of innovative measuring technique and system for critical dimension inspection on through silicon
 - vias was verified Science Park Administration with development project.
- 2015.Jun. Develop Chuangsin plant for IC final testing.
- 2015 Aug. Got the Corporate Social Responsibility Award by CommonWealth Magazine.

經營理念: (Management Concept)

主人翁經營理念;下工程即是客戶。

Treat YTEC as your own company. (Host concept)
Treat all post projects and processes as our customers.

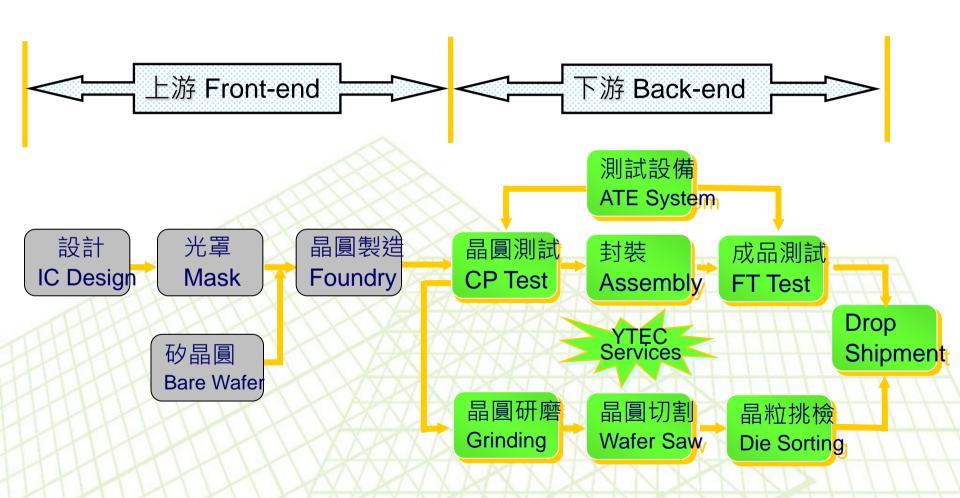
工作態度:(Working Attitude)

成功者找方法;失敗者找藉口。

A successful person will find the way to overcome a challenge Loser finds excuses.



IC OEM Services Flow



專業測試代工服務(IC Testing OEM)

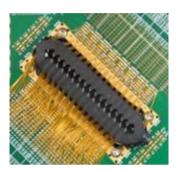
- ☐ 4"~12" Wafer testing (CP) · Test program and test kit development (Probe-card design and manufacture).
- ☐ IC packaging testing (FT) · Package type: DIPs · T/SOPs · L/QFPs · QFN · L/BGA...
- □ PC peripheral product \ Logic \ Analog \ Mixed-signal \ No-volatile memory \ MCU \ LCD driver IC \ High speed/ High pin count (Scud-1A 512C) testing.
 - CIS(CMOS Image Sensor) RF MEMS SoC product testing
- ☐ Others: Laser trimming \ Lead scanning \ Test program and test kit development technical support Turn-key service (For example: PKG assembly \ Tape-reel \ Drop—shipment...).





針測板設計與製作

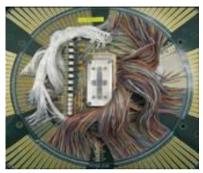
Probe Card Design and Manufacture



YT5100 7D (16 Dut)



Scud 1A



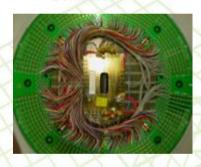
Yokogawa ST6730(Tester side)



Yokogawa ST6700(Wafer side)



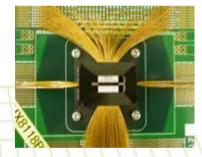
Agilent HP9400



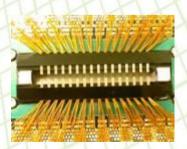
Yokogawa TS6700(Tester side)



Advantest T5371(32dut)



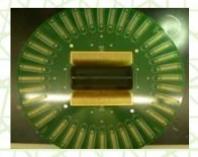
Advantest T6371(Wafer side)



Advantest T5335P(64dut)



Advantest T5335P(4dut)



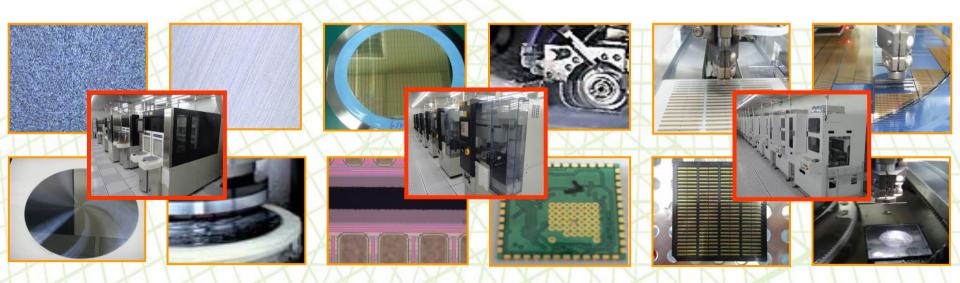
V5400 576Dut (Wafer side)



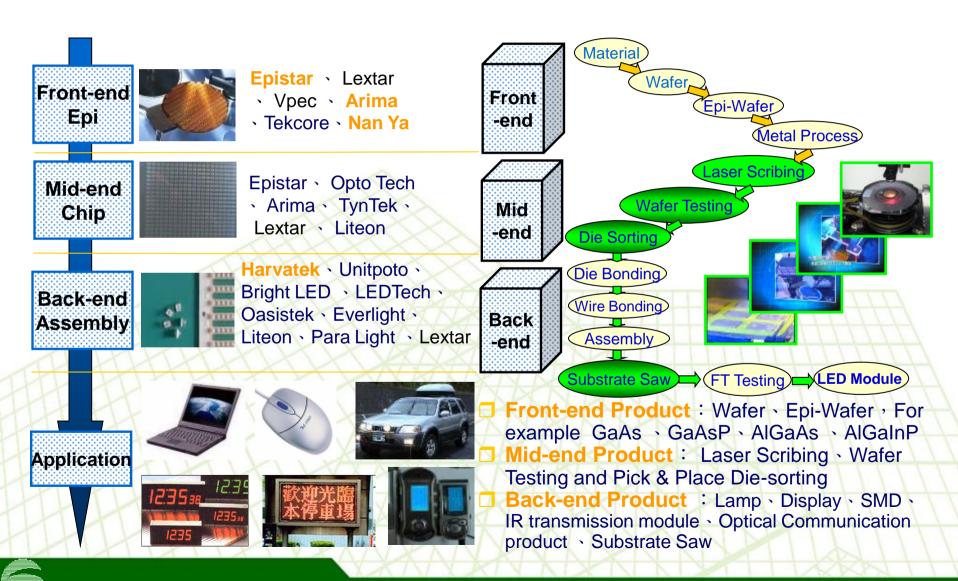
V5400 576Dut (Tester side)



- IC Grinding \ Sawing \ Pick & Place
 - → 4"~12" Wafer back-side grinding · sawing · chip pick & place services
 for Consumer and gold bump COG products ∘
 - Pick & Place Chip Back-side AOI inspection System inside
- Substrate Sawing
 - ► LED package substrate Glass substrate Ceramic Substrate Ceramic+FR4 Lead-frame QFN package HTCC LTCC PCB •



LED OEM Services



IC Testing Application Equipment

Company Profile



成品測試 FT Test 成品分類 Sorting 測試包裝 Testing & Packing



YT5100

全功能高速SoC IC 測試機



全功能高速測試機





YT6100

Flat Type IC測試分類機



YT6200

QFN測試包裝機





SB-800

全自動IC固晶機



IS-610 & SB-800 IC Auto Sorter&Die Bonder

Company Profile

IS-610 IC Auto Sorter



SB-800 IC Die Bonder



YT5100 & Scud-1A IC Tester

Company Profile

YT5100 High Speed Soc IC Tester

Scud-1A Fully Auto IC Tester







YT6110 IC Handler / YT6200 QFN Testing & Packing

Company Profile

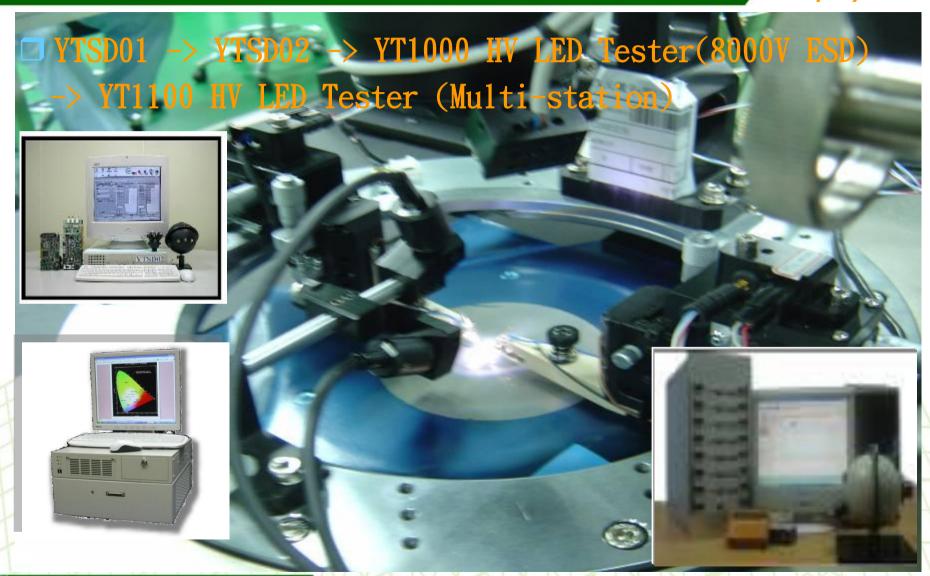
YT6110 IC Handler



YT6200 QFN Testing&Packing



YT1100 LED Tester(YT1100 LED 測試機



DB-260 LED Prober(晶粒檢測機)

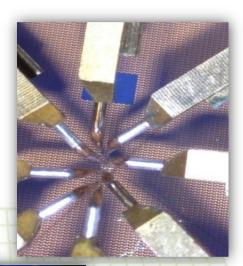
Company Profile

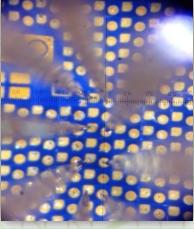
PB-260 LED Prober(晶粒檢測機)

◆外觀照片







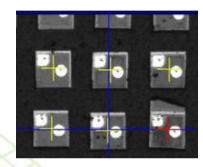


LS-360 LED Sorter(晶粒挑檢機)

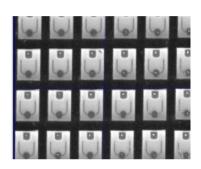
Company Profile

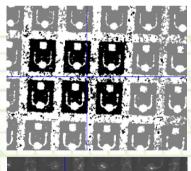
LS-360 LED Sorter(晶粒挑檢機)

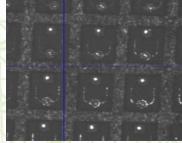














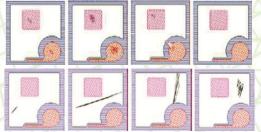
自動光學檢測系統(Auto Optical Inspection)

Company Profile

YT 5311 LED Chip/Wafer/Mask

半自動光學檢測系統





YT 2800 LED Chip/Wafer/Mask 全自動光學檢測系統



自動光學檢測應用(AOI Application)

Company Profile

被動元件、LED 產品六面外觀檢測



YT2300

元件六面外觀 檢測機

YT2330

雙軌元件六面外觀檢測機

LED及被動元件散熱基板 產品之外觀檢測



YT2700

LED及被動元件 散熱基板之2D AOI 檢測機



YT2705

LED及被動元件 散熱基板之2D AOI 檢測機 (Auto Load/Unload)



LED Assembly Application Equipment



Company Profile















出貨前檢查 Final Check



YT2500

多站雙軌 LED點膠機



YT2300

元件六面外觀 檢測機



YT6400

LED測試分類機



YT1100

高速多站 平行LED測試機



YT6300

LED包装機



YT2210

料帶元件

自動光學檢測機

自動光學檢測系統(Auto Optical Inspection)

Company Profile

YT 2300(YT2330) Component AOI







Reel type taped products:

- Resistor
- Capacitor
- Inductor
- LED
- · IC
- Relay
- Connector
- Fuse



DB-159 Die Bonder & YT2500 LED Dispenser

Company Profile

DB-159 Die Bonder

YT2500 LED Dispenser





www.wecon.com.tw



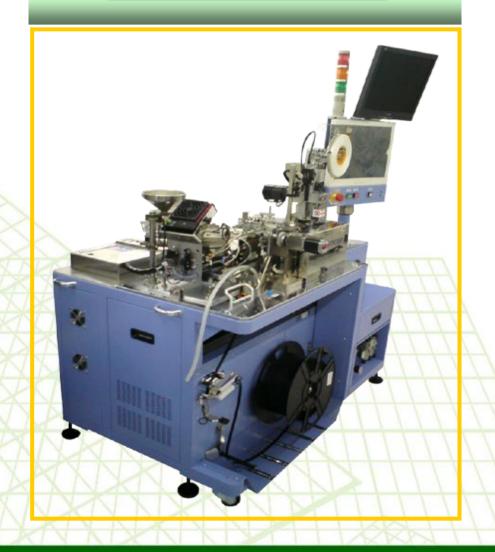
YT6400 LED Handler & YT6300 LED Tapping

Company Profile

YT6400 LED Handler



YT6300 LED Tapping



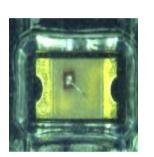
自動光學檢測系統 (Auto Optical Inspection)

Company Profile

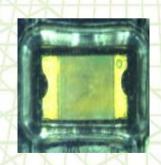
YT 2210 Reel Type Components

自動光學檢測系統

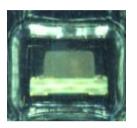




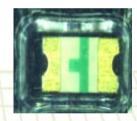
Polarity inverse package



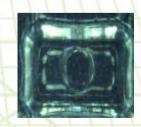
Mixed package



Tilt



Over turn



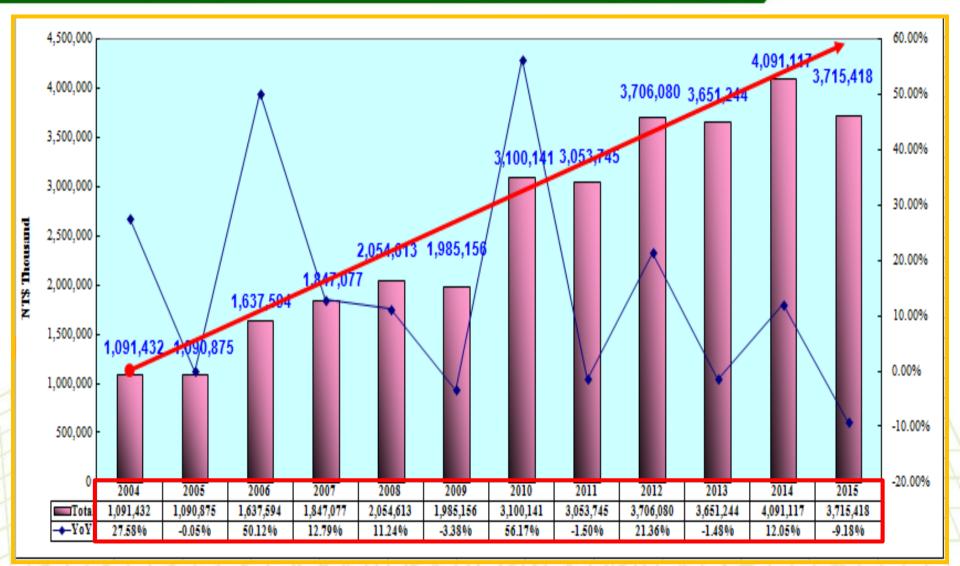
Empty

2015&2016 Combine Monthly Revenue

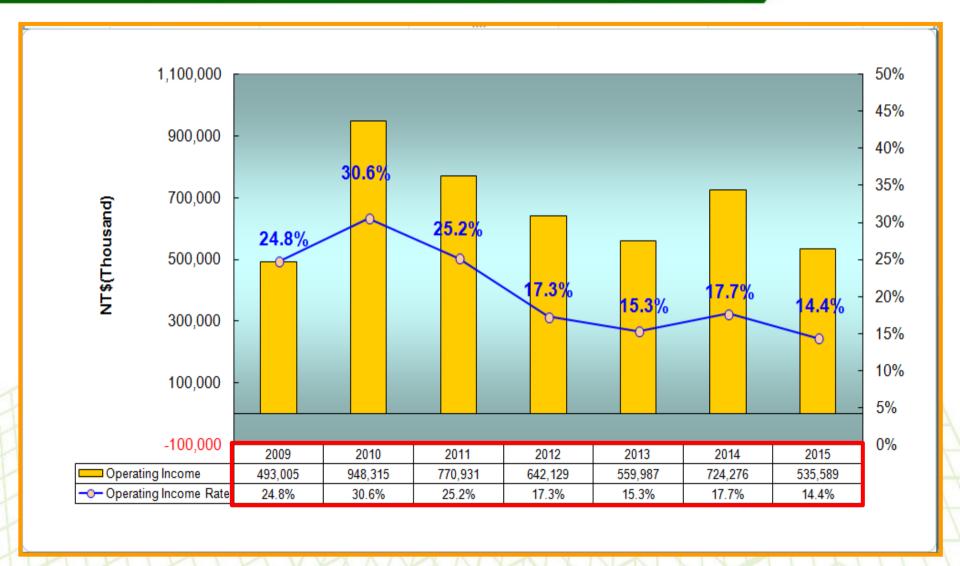
Company Profile NT\$(Thousand)

													ΤΨί		
Business Item/Month		Jan.	Feb	Mar	Apr	May	Jun.	JuL	Aug.	Sep	Oct.	Nov.	Dec.	Total	Share(%)
	2015	135,098	121,083	160,633	136,076	152,400	139,402	128,503	131,086	132,698	121,859	126,762	125,247	973,195	44.43%
切割挑檢代工	2016	114,165	109,432	115,984	110,092	93,623	104,501	102,369						750,166	35.35%
Sawing & Sorting OEM	YoY	-15.49%	-9.62%	-27.80%	-19.10%	-38.57%	-25.04%	-20.34%						-22.92%	
	MoM	-8.85%	-4.15%	5.99%	-5.08%	-14.96%	11.62%	-2.04%							
	2015	153,402	111,282	149,694	133,104	148,019	152,532	149,951	141,844	138,247	150,328	143,175	147,463	997,984	45.56%
測試代工	2016	142,378	120,765	164,015	151,937	163,088	155,305	160,431						1,057,919	49.85%
Testing OEM	YoY	-7.19%	8.52%	9.57%	14.15%	10.18%	1.82%	6.99%						6.01%	
	MoM	-3.45%	-15.18%	35.81%	-7.36%	7.34%	-4.77%	3.30%							
	2015	34,665	26,765	62,321	20,593	35,835	25,944	13,107	47,535	24,098	38,551	26,192	29,924	219,230	10.01%
機器組裝等產品銷售	2016	48,441	43,220	50,004	34,587	74,485	38,148	25,367						314,252	14.81%
Own Product Sales	YoY	39.74%	61.48%	-19.76%	67.96%	107.86%	47.04%	93.54%						43.34%	
	MoM	61.88%	-10.78%	15.70%	-30.83%	115.36%	-48.78%	-33.50%							
	2015	323,165	259,130	372,648	289,773	336,254	317,878	291,561	320,465	295,043	310,738	296,129	302,634	2,190,409	100.0%
營業收入淨額(Unit:K)	2016	304,984	273,417	330,003	296,616	331,196	297,954	288,167						2,122,337	100.0%
Sales Revenue (Net)	YoY	-5.63%	5.51%	-11.44%	2.36%	-1.50%	-6.27%	-1.16%						-3.11%	
	MoM	0.78%	-10.35%	20.70%	-10.12%	11.66%	-10.04%	-3.28%							
20% MADE TO 147 MATE (PER L.)	2015	323,165	582,295	954,943	1,244,716	1,580,970	1,898,848	2,190,409	2,510,874	2,805,917	3,116,655	3,412,784	3,715,418		
營業收入淨額(累計)	2016	304,984	578,401	908,404	1,205,020	1,536,216	1,834,170	2,122,337							
Sales Revenue (Total)	YoY	-5.63%	-0.67%	-4.87%	-3.19%	-2.83%	-3.41%	-3.11%							
	2015	288,500	232,365	310,327	269,180	300,419	291,934	278,454	272,930	270,945	272,187	269,937	272,710	1,971,179	
總計代工成長	2016	256,543	230,197	279,999	262,029	256,711	259,806	262,800						1,808,085	
OEM Growth (Total)	YoY	-11.08%	-0.93%	-9.77%	-2.66%	-14.55%	-11.01%	-5.62%						-8.27%	
	MoM	-5.93%	-10.27%	21.63%	-6.42%	-2.03%	1.21%	1.15%							

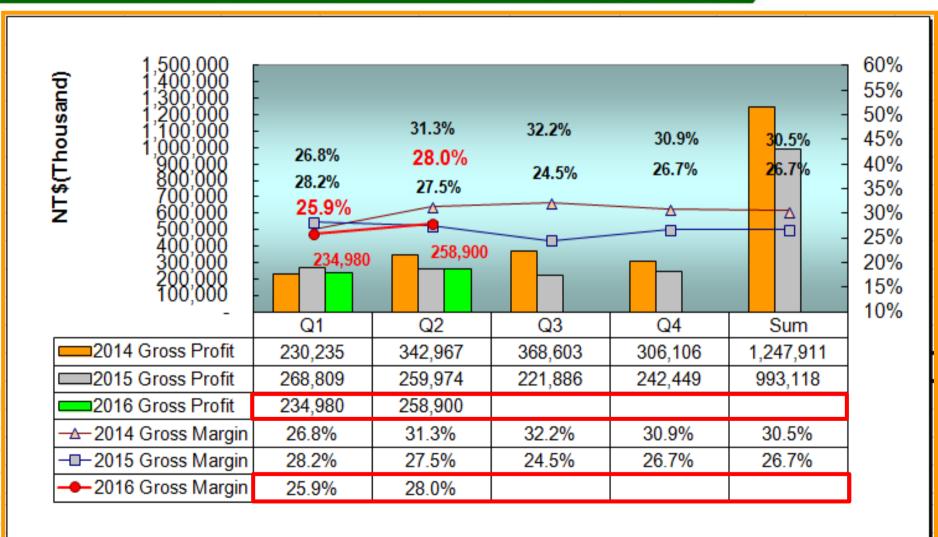
2004~2015 Combine Revenue Growth



2009~2015 Combine Operating Income

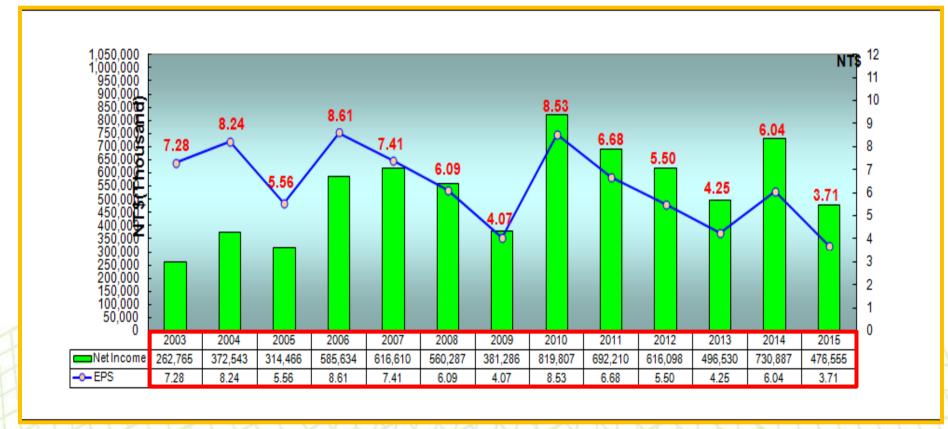


2014~2016 Combine Gross Profit





Yearly Net Income & EPS



Business Expansion Status(相關產業之狀況)

- □ 半導體及光電切挑代工服務: 2016年Q2營收QOQ降-9.24%、2016年7月MOM微降2.04%,、低於年初預期,因此將持續追蹤、另 LED在新的應用提昇下、公司亦開發新專案,應可適時提供市場成長之需求、相信可挹助公司之營收成長。
- □ IC測試系統、IC固晶、挑揀設備及QFN測試包裝機、分類機開發:成功的開發完成100MHZ 768/1536 pins全功能IC測試機、針對多煤體、Digital TV及高速邏輯SOC產品並行測試、並導入量產、更高階機種亦將陸續上市、另研發出IC封裝製程之固晶及挑揀設備與QFN測試包裝機及分類機、可應用於IC封裝製程及成品測試生產、更具備三合一功能(測試、外觀檢測及包裝)、以提昇IC測試代工服務之競爭優勢。
- □ CIS、CCM、LED後段生產設備及AOI設備開發:成功開發完成CIS(CMOS影像感測系統)、具備高速影像處理及完整電性測試之解決方案、並導入代工服務、挹助營收。自行開發之CCM (影像感測模組測試設備)、LED後段生產設備及AOI(自動光學檢測系統)等設備、因應市場需求將擴展銷售、AOI設備研發係以解決半導體及光電等產業在目檢之視覺盲點並可大幅節省人力、並已將光電技術結合影像分析等與自動化設備設計、成功研發出各類型外觀檢測機。
 - 綜觀設備銷售2016年Q2營收YOY成長78.73%、QOQ成長3.92%、2016年1~7月營收YOY成長43.34%符合預期、設備研發之成效已陸續顯現、因此將持續追蹤、相信在持續開發新產品及功能提昇下、展望未來應可持續挹助業績成長之動力。
- □ 半導體代工服務: 2016年Q2營收YOY成長8.46%、QOQ成長10.11%, 2016年1~7月營收YOY成長6.99%、MOM 成長3.3%符合預期、因此將持續追蹤、而YTEC 在持續開發新產品與互補及平衡的產品線發酵下(如LCD、RF、 MEMS..etc)、展望未來應可持續挹助業績成長之動力。

Share payout composition and history

Year		96年度 (2007)	97年度 (2008)	98年度 (2009)	99年度 (2010)	100年度 (2011)	101年度 (2012)	102年度 (2013)	103年度 (2014)	104年度 (2015)	105年度 (2016)
		配95年度 Profit(2006)	配96年度 Profit(2007)	配97年度 Profit(2008)	配98年度 Profit(2009)	配99年度 Profit(2010)	配100年度 Profit(2011)	配101年度 Profit(2012)	配102年度 Profit(2013)	配103年度 Profit(2014)	配104年度 Profit(2015)
Cash(NTD)	\$4.00	\$4.00	\$3.00	\$3.00	\$4.671	\$5.238	\$4.659	\$3.668	\$5.000	\$3.300
Free	Pair stock of	\$1.00	\$0.50	\$0.10	\$0.10			\$0.098	\$0.099	\$0.10	
Stock	Capital reserve fund					\$0.093	\$0.095				
EPS	S(NTD)	\$8.61	\$7.41	\$6.09	\$4.07	\$8.53	\$6.68	\$5.50	\$4.25	\$6.04	\$3.71



公司願景Company Mission

著眼於國內外市場的開拓,讓久元成為立足台灣的整合性後段IC及LED代工服務廠,並朝放眼世界的自有產品、自有品牌邁進。

Based on the domestic and international marketing development, YTEC has gotten a foothold as an integrated back-end IC&LED OEM factory. YTEC moves forward, with it's own products, and Own Bench Marks.



Thank you very much

