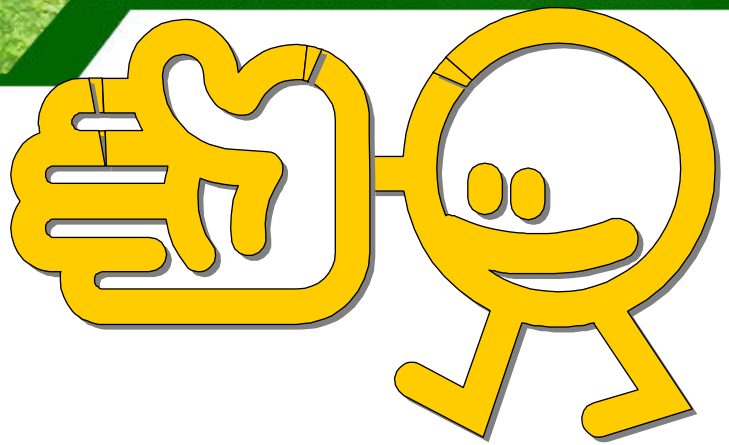
Welcome

Welcome



YoungTek Electronics Corp.

Stock No: 6261

Brief Introduction

Spokesman： Tony Liu

Date ： 14 February, 2012

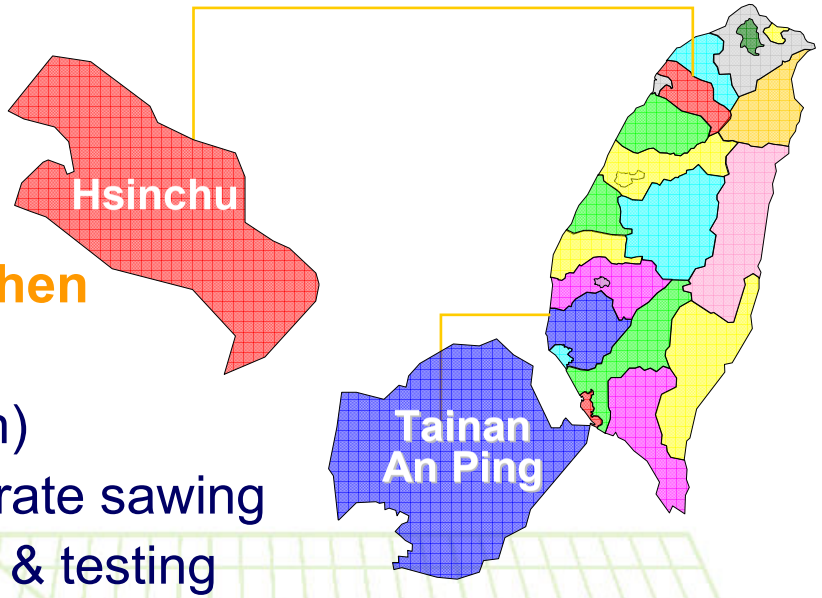
2012 VISIT SCHEDULE @久元

Contents	Time
❑Brief Introduction of YTEC	14:00~14:20
❑Q & A	14:20~15:30
❑Line Tour (Free)	15:30~16:00

Contents

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

Brief Introduction



Found Time：1991/July
Chairman：Bily Wang
President of Service Group：Jeff Chang
President of Own Product Group：Glen Chen
Employees：993
Capital：NTD 1065 million (USD 35.5 million)
Address：Plant 1(1F~5F)：Special & substrate sawing
An Ping Plant (3F)：LED sorting & testing
Li Hsin Plant (2~3F、5~6F)：LED back-end turn-key service
SBIP Plant (1~4F、7F)：IC back-end turn-key service, ATE&AOI

Business Items：

1. **Semiconductor and LED OEMs**: Wafer sawing, grinding, sorting and IC testing, LED testing, laser scribing, sorting and substrate sawing.
2. **Design, manufacture and sales of semiconductor equipments**: CIS/CCM equipments, AOI system, full-function IC tester, logic IC tester, analog IC tester, Mixed-Signal IC Tester , **LED** tester, prober and sorter.

Factory Overview

SBIP Plant

7F

4F

1F

Plant #1

5F

1F

YTEC Group

Li-Hsin Plant

6F

5F

3F

2F

An-Ping Plant

3F

Company Milestone

1991/Jul.	YTEC was founded and the capital is NTD $ 5 million.
1998/Oct.	Develop logic tester (Goblin) with 5 MHz/40 pins.
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.
2003/Dec.	Obtain OTC certification.
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/Dec.	Achieved the certification of ISO 14001 and OHSAS 18001.
2007/Jul.	Develop Tainan An Ping plant for LED sorting.
2007/Nov.	Build up AOI key technologies and business.
2008/May	Develop Li Hsin plant for LED test & sorting.
2008/Otc.	Achieved the certification of ISO/TS 16949.
2009/Jun.	Solar silicon substrate inspection system was verified by Science Park Administration with development project.
2010/Mar.	Develop SBIP plant for wafer grinding & sawing.
2011/Jan.	Achieved the certification of IECQ QC080000.

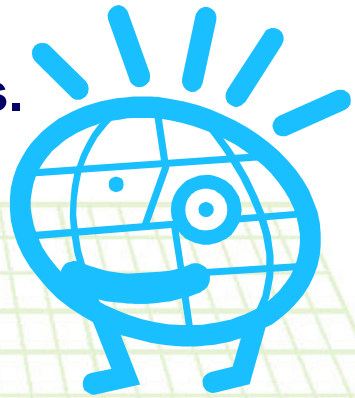
Company Management Concept

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.



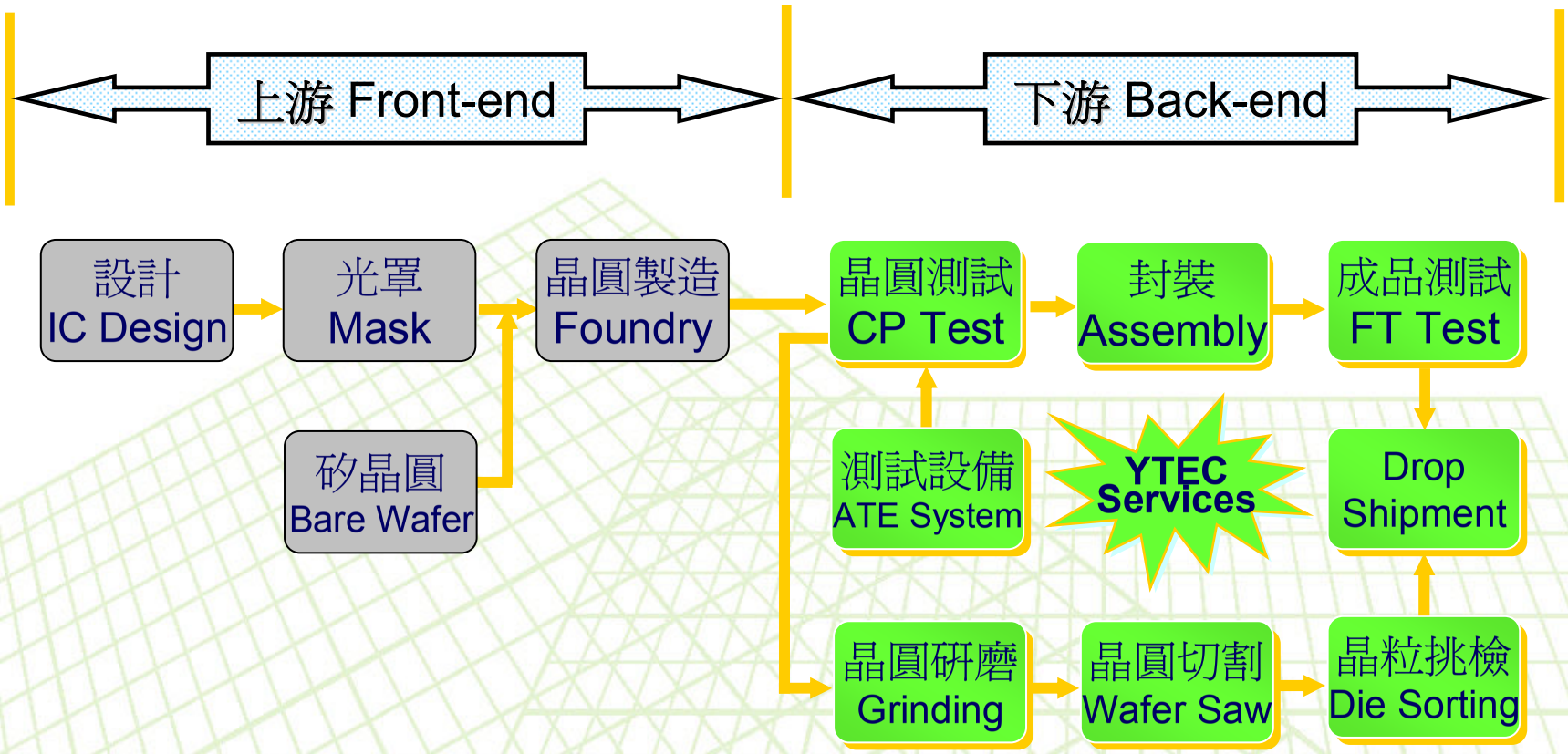
工作態度：(Working Attitude)

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.

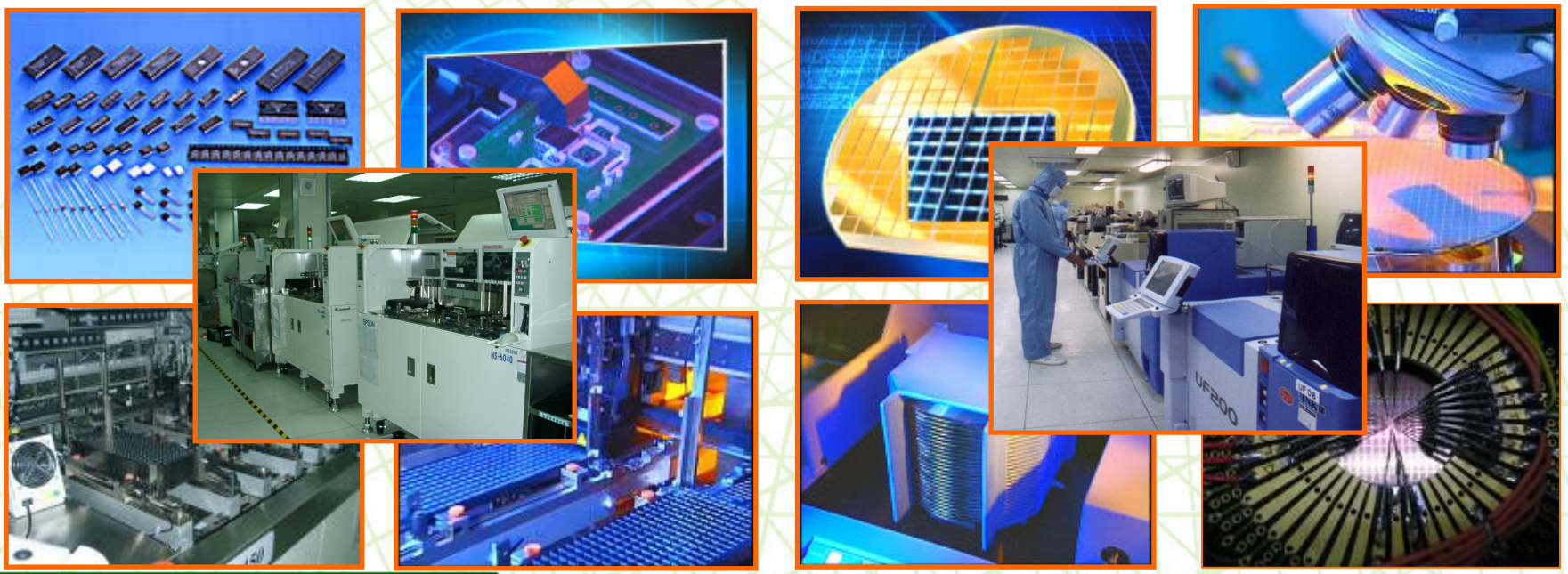
IC OEM Services



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、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…).



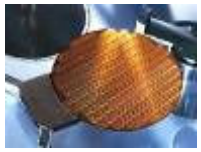
研磨、切割及挑檢代工服務
(Grinding, Sawing, P&P Service)

❒ **Service Items:**
Wafer back-side grinding sawing chip pick & place services for Consumer and gold bump products.

Process	Back-side Grinding	Sawing	Pick & Place
Environment	Class 1K	Class 1K	Class 100
Capability	●4”~12” Wafer Back-side Grinding ●8”~12” Wafer Polish Solution ●Wafer TTV≦5μm ●Chip TTV≦2μm	●4”~12” Wafer Sawing ●Dual Cutting Function ●High-pressure & Atomizing Cleaning System (二流體清洗裝置) ●Dust Collecting System	●4”~12” Wafer Pick & Place ●Map and Ink Pick & Place Solution ●Chip Back-side AOI Inspection System

LED OEM Services

Front-end Epi

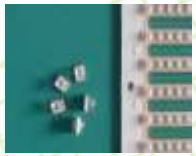


Epistar、Hugaopto、Forepi、Vpec、Arima Tekcore、Nan Ya

Mid-end Chip

Epistar、 Opto Tech、Hugaopto 、 Arima、TynTek、Forepi、Liteon

Back-end Assembly



Harvatek、Unitpoto、KingBright、Bright LED 、LEDTech、Taiwanoasis、Everlight、Liteon、Para Light

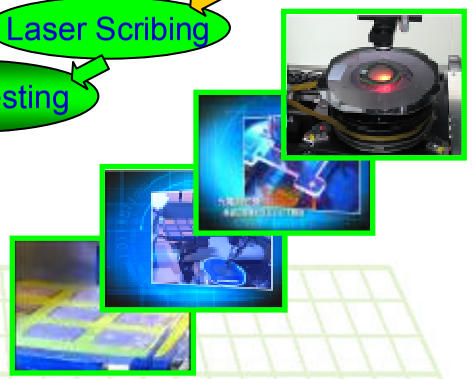
Application

Front-end

Mid-end

Back-end

Material → Wafer → Epi-Wafer → Metal Process → Laser Scribing → Wafer Testing → Die Sorting → Die Bonding → Wire Bonding → Assembly → Substrate Saw → FT Testing → **LED Module**



- **Front-end Product**：Wafer、Epi-Wafer，For example GaAs 、GaAsP、AlGaAs 、AlGaInP
- **Mid-end Product**： Laser Scribing、Wafer Testing and Pick & Place Die-sorting
- **Back-end Product** ：Lamp、Display、SMD、IR transmission module、Optical Communication product 、Substrate Saw

Own Product Development

Own Product Development

- YT5100 High Speed SOC IC Tester
  YT5100 全功能高速SOC IC測試機
- Scud-1A 512C full-function IC Tester
  Scud-1A 512C 全功能 IC 測試機
- CIS(CMOS Image Sensor System)
  CMOS影像感測系統
- HV LED Tester
  全功能 LED 測試機

Own Product Development

- CCM (CMOS/Compact Camera Module)
  影像感測模組測試設備
- AOI (Auto optical Inspection)
  自動光學檢測系統
- YT2500 Multi Station Dual Feeding LED Dispenser
  YT2500 多站雙軌 LED 點膠機
- YT6110 IC Test Handler
  YT6110 IC 測試分類機

YT5100&Scud-1A IC Tester

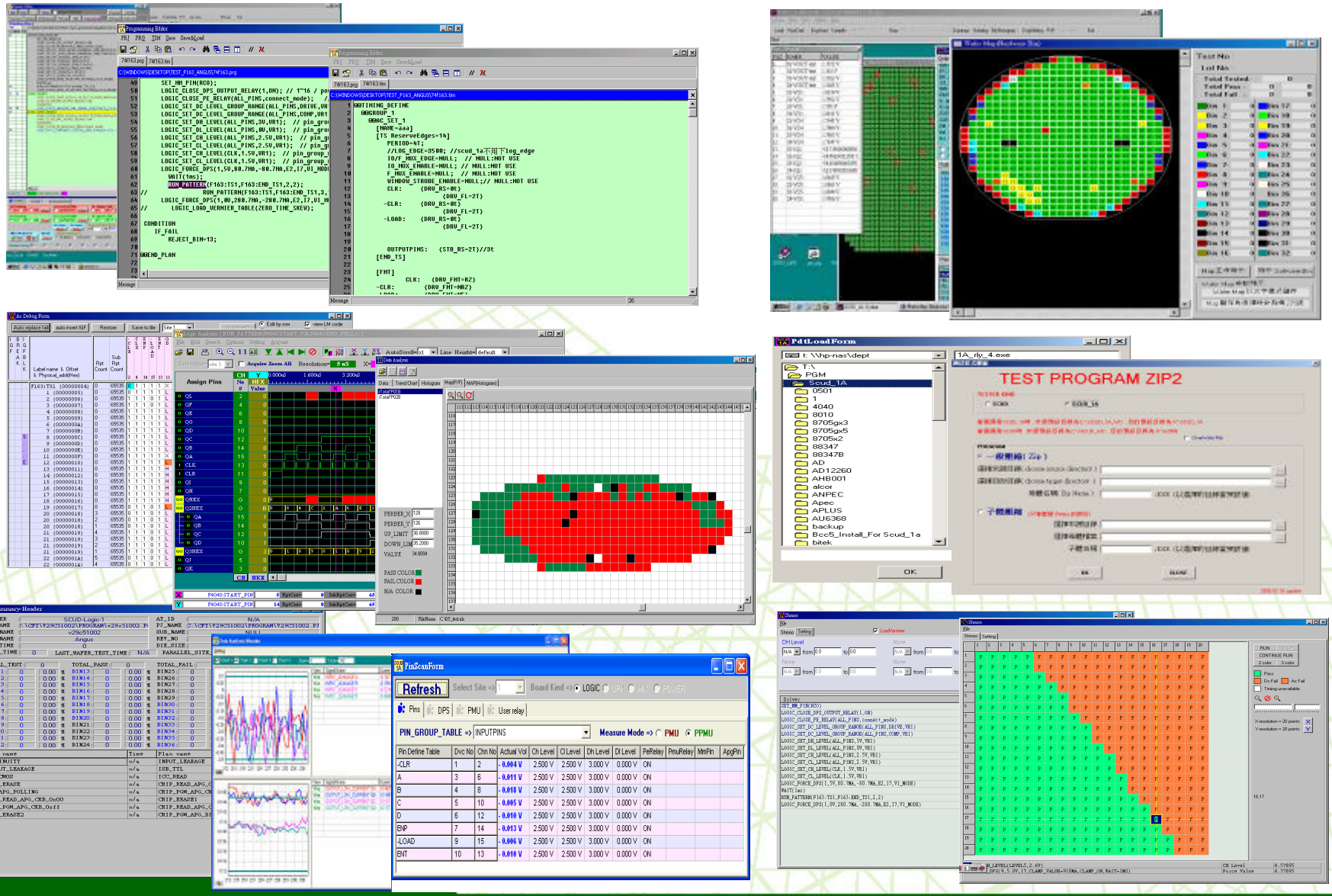
Company Profile

YT5100 High Speed Soc IC Tester

Scud-1A Fully Auto IC Tester

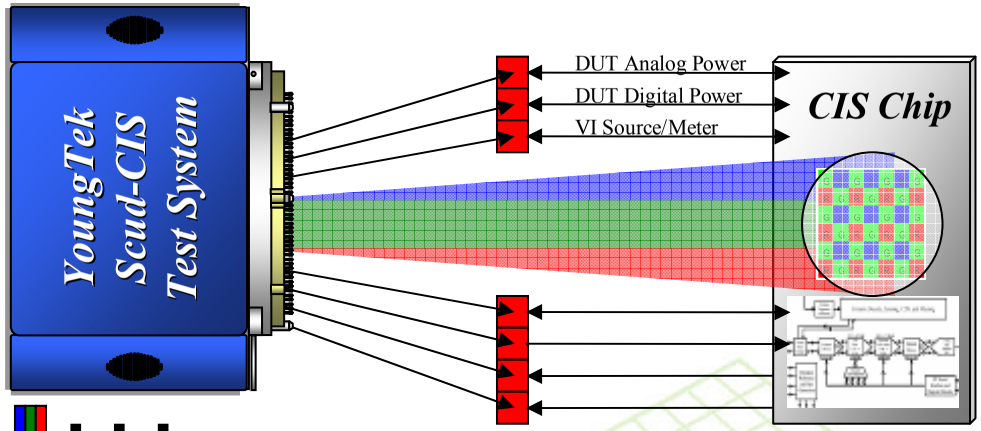
Scud-1A IC Tester System Environment

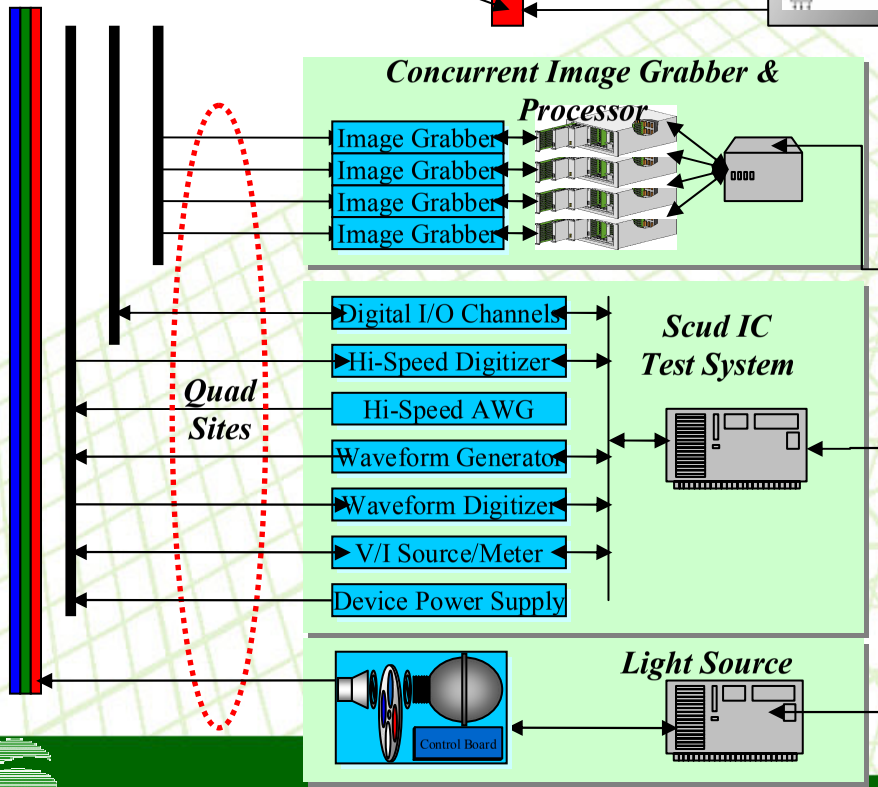
Company Profile



CIS(CMOS Image Sensor) IC Tester

Company Profile





YT1100 LED Tester(YT1100 LED 測試機

- YTSD01 -> YTSD02 -> YT1000 HV LED Tester(8000V ESD)
  -> YT1100 HV LED Tester (Multi-station)

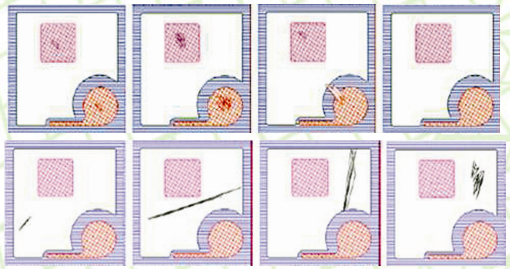
CCM(CMOS/Compact Camera Module)

CCM Test SystemYT3100

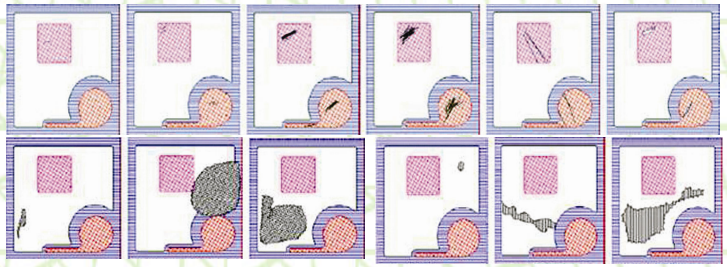
Fully Auto CCM Test System YT3300

Auto Optical Inspection (自動光學檢測系統)

YT 5311 LED Chip/Wafer/Mask AOI System

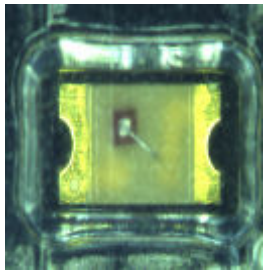


YT 2800 LED Chip/Wafer/Mask AOI System

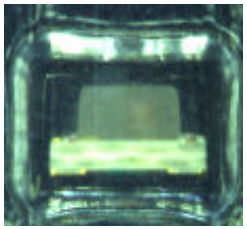


Auto Optical Inspection (自動光學檢測系統)

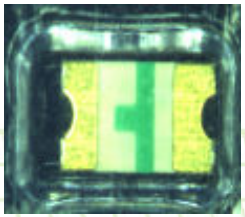
YT 2210 Reel Type Components AOI System



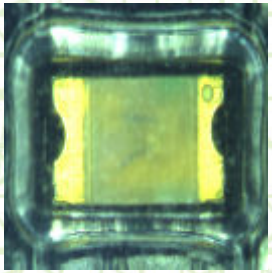
Polarity inverse package



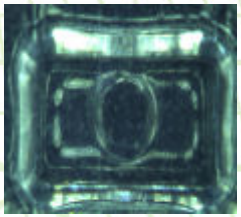
Tilt



Over turn

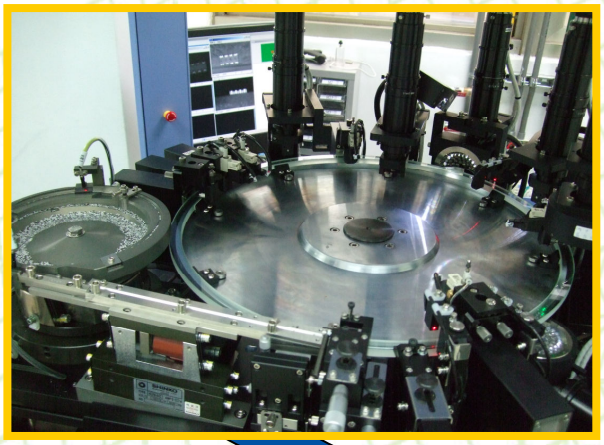


Mixed package



Empty

Auto Optical Inspection Application



Reel type taped products:

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

YT2500 LED Dispenser / YT6110 IC Test Handler

YT2500 LED Dispenser

YT6110 IC Test Handler

Revenue Growth

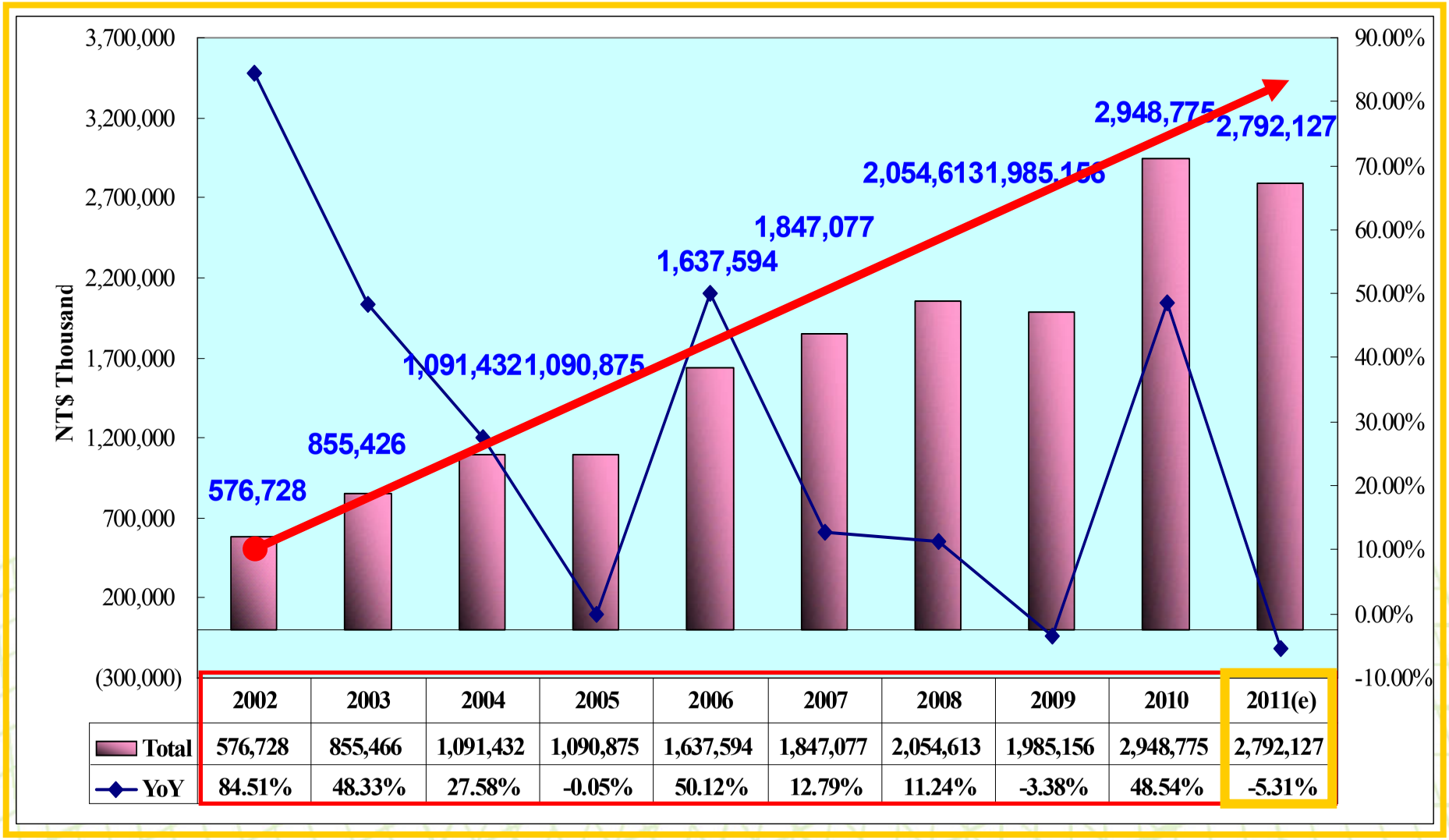
2011&2012 Monthly Revenue

Company Profile

NT$(Thousand)

Business Item/Month		Jan.	Feb	Mar	Apr	May	Jun.	Jul.	Aug.	Sep	Oct.	Nov.	Dec.	Total	Share(%)
切割挑檢代工 Sawing & Sorting OEM	2011	99,641	107,086	131,677	124,662	130,566	128,825	127,673	103,794	98,761	94,537	89,523	81,498	99,641	47.51%
	2012	73,439												73,439	42.16%
	YoY	-26.30%												-26.30%	
	MoM	-9.89%													
測試代工 Testing OEM	2011	80,684	66,395	115,541	101,928	110,180	86,142	85,536	90,520	78,549	86,727	91,049	86,508	80,684	38.47%
	2012	95,751												95,751	54.97%
	YoY	18.67%												18.67%	
	MoM	10.68%													
機器組裝等產品銷售 Own Product Sales	2011	29,417	49,923	58,053	47,824	46,144	35,405	48,591	28,812	19,012	14,722	5,740	10,482	29,417	14.03%
	2012	5,011												5,011	2.88%
	YoY	-82.97%												-82.97%	
	MoM	-52.19%													
營業收入淨額 (Unit:K) Sales Revenue (Net)	2011	209,742	223,404	305,271	274,414	286,890	250,372	261,800	223,126	196,322	195,986	186,312	178,488	209,742	100.0%
	2012	174,201	0	0	0	0	0	0	0	0	0	0	0	174,201	100.0%
	YoY	-16.95%												-16.95%	
	MoM	-2.40%													
營業收入淨額(累計) Sales Revenue (Total)	2011	209,742	433,146	738,417	1,012,831	1,299,721	1,550,093	1,811,893	2,035,019	2,231,341	2,427,327	2,613,639	2,792,127	--	--
	2012	174,201													
	YoY	-16.95%													
總計代工成長 OEM Growth (Total)	2011	180,325	173,481	247,218	226,590	240,746	214,967	213,209	194,314	177,310	181,264	180,572	168,006	180,325	--
	2012	169,190												169,190	
	YoY	-6.17%												-6.17%	
	MoM	0.70%													

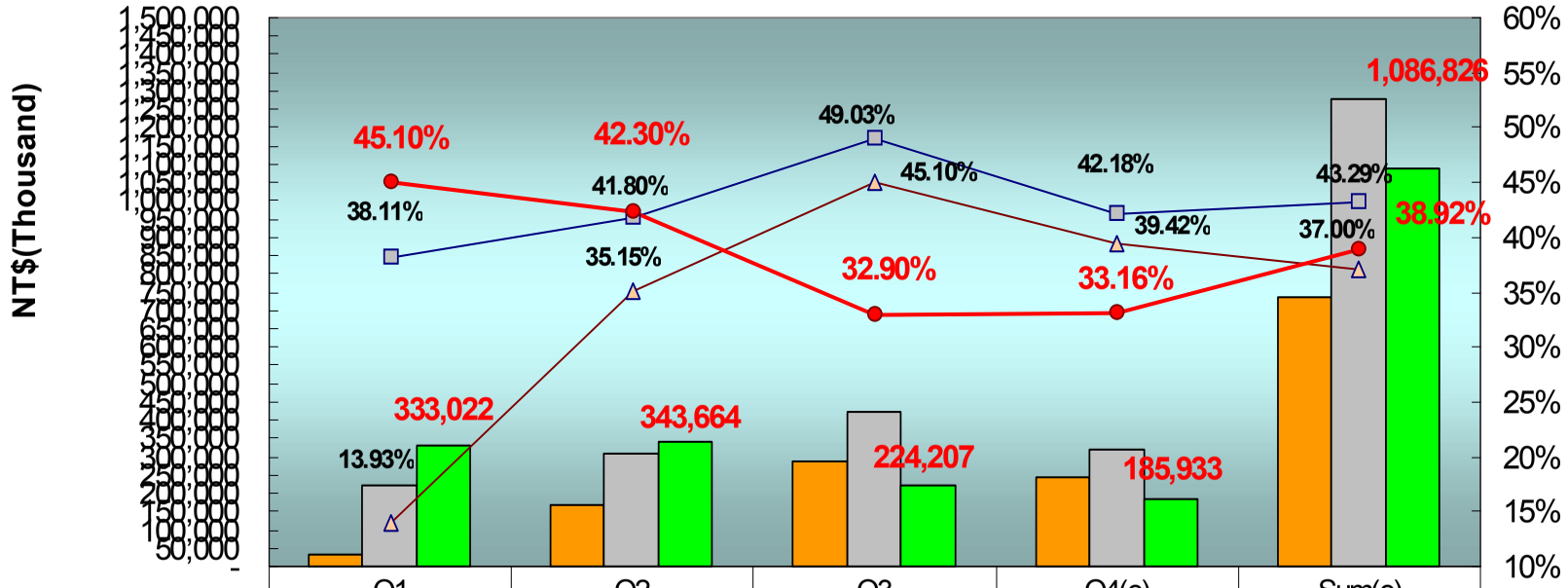
2002~2011 Revenue Growth



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011(e)
Total	576,728	855,466	1,091,432	1,090,875	1,637,594	1,847,077	2,054,613	1,985,156	2,948,775	2,792,127
YoY	84.51%	48.33%	27.58%	-0.05%	50.12%	12.79%	11.24%	-3.38%	48.54%	-5.31%

Note： (e)表示預估值(estimate)。

2010/2011 Gross Profit



	Q1	Q2	Q3	Q4(e)	Sum(e)
2009 Gross Profit	34,980	166,312	286,941	246,111	734,344
2010 Gross Profit	222,022	310,653	422,998	320,741	1,276,414
2011 Gross Profit	333,022	343,664	224,207	185,933	1,086,826
2009 Gross Margin	13.93%	35.15%	45.10%	39.42%	37.00%
2010 Gross Margin	38.11%	41.80%	49.03%	42.18%	43.29%
2011 Gross Margin	45.10%	42.30%	32.90%	33.16%	38.92%

Note： (e)表示預估值(estimate)。

Share payout composition and history

Year		九十三年度 (2004)	九十四年度 (2005)	九十五年度 (2006)	九十六年度 (2007)	九十七年度 (2008)	九十八年度 (2009)	九十九年度 (2010)	100年度 (2011)
		配九十二年 Profit(2003)	配九十三年 Profit(2004)	配九十四年 profit(2005)	配九十五年 Profit(2006)	配九十六年 Profit(2007)	配九十七年 Profit(2008)	配九十八年 Profit(2009)	配九十九年 Profit(2010)
Cash(NTD)		$3.00	$3.00	$2.61	$4.00	$4.00	$3.00	$3.00	$4.67
Free	Pair stock	$2.00	$2.00	$0.87	$1.00	$0.50	$0.10	$0.10	
Stock	Capital reserve fund	–	–	–	–	--	–	--	$0.09
EPS(NTD)		$7.28	$8.24	$5.56	$8.61	$7.41	$6.09	$4.07	$8.53

公司願景Company Mission

著眼於國內外市場的開拓，讓久元成爲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