



Company Overview

Q3 2011



***A Quartz Crystal and Oscillator Supplier
With Diversified Business Initiatives***

www.txccorp.com

Vision

To become one of the best managed “Crystal & Oscillator” companies in the world – based on Competitive Product offering and Service Excellence to customers, growth sustainability, revenues-profit performance, values to the shareholders, quality brand name, and employee satisfaction.”

***Paul Lin
Chairman &
Founder***



***Peter Lin
President***

Mission

To achieve a Win-Win-Win partnership in the Supplier-TXC-Customer relationship.

Almost **30** years
in frequency
control market

Excellent **Reputation**

Incorporated

TWSE: 3042
Listed

**National
Quality Award**
the highest national honored

#4 Largest
8.6% market share



Plant Taiwan
in production

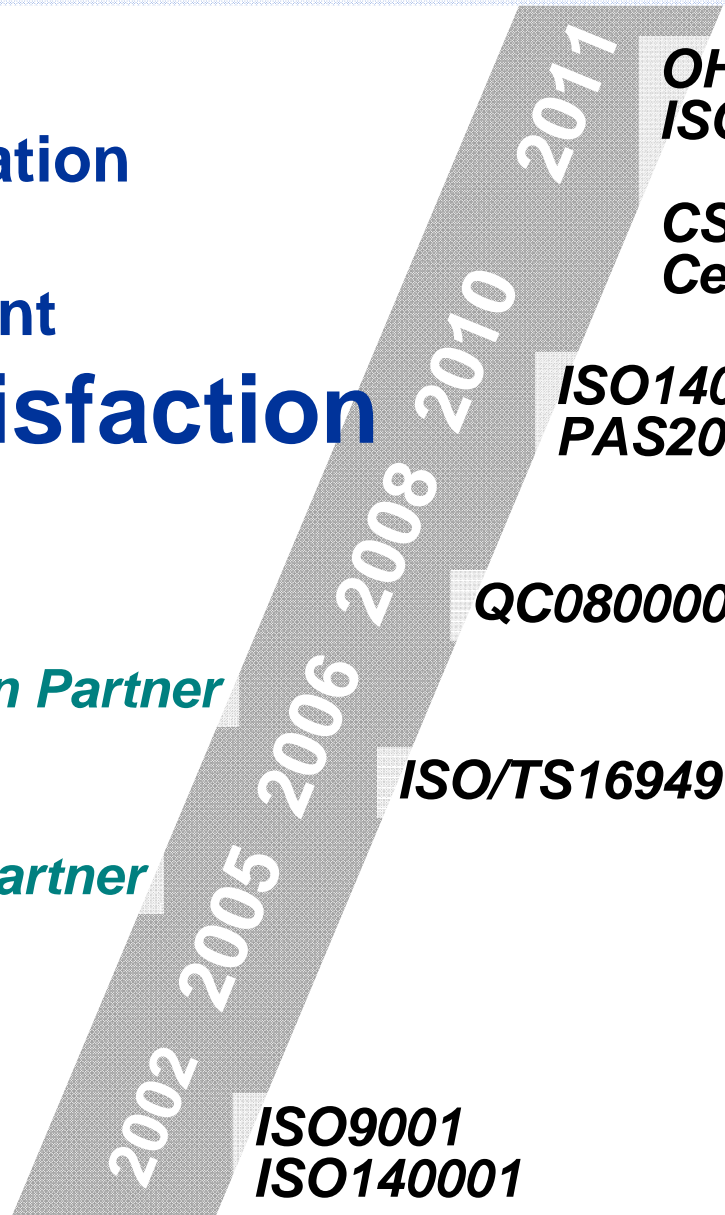
Plant Ningbo, China
in production

CSR Award
by Vision Magazine

**Plant
Chongqing, China**
in plan

CSR Award
*by Commonwealth
Magazine*

Quality Policy
Technological Innovation
Reliable Quality
Continue Improvement
Customer Satisfaction
Zero Defects



OHSAS18001
ISO50001

CSR Report
Certified

ISO14064
PAS2050

QC080000

Green Partner

ISO/TS16949

ECO Partner

ISO9001
ISO140001

CORE

Basics

Crystal, XO, TCXO, PMO

Compact Size, Low Power

AOM

Advanced Oscillator & Module

XO/SO, VCXO, TCXO, OCXO

High Stability, High Frequency, Low Jitter

ACAP

Automotive Crystal Application Product

Crystal, XO

Wide OTR, High Shock and High Vibration Resistance

PC

Desktop, NB, Tablet

Mobile

Mobile Phone, GPS, Smart Grid

Consumer

Set Top Box, Digital Camera, Gaming, Multimedia

Networking

Base Station, Repeater, Server, Storage, NAS, Switch, Router

Automotive

Non-Critical, Critical

Diversified

Green Solutions

Power Mgt. Components (PMC)

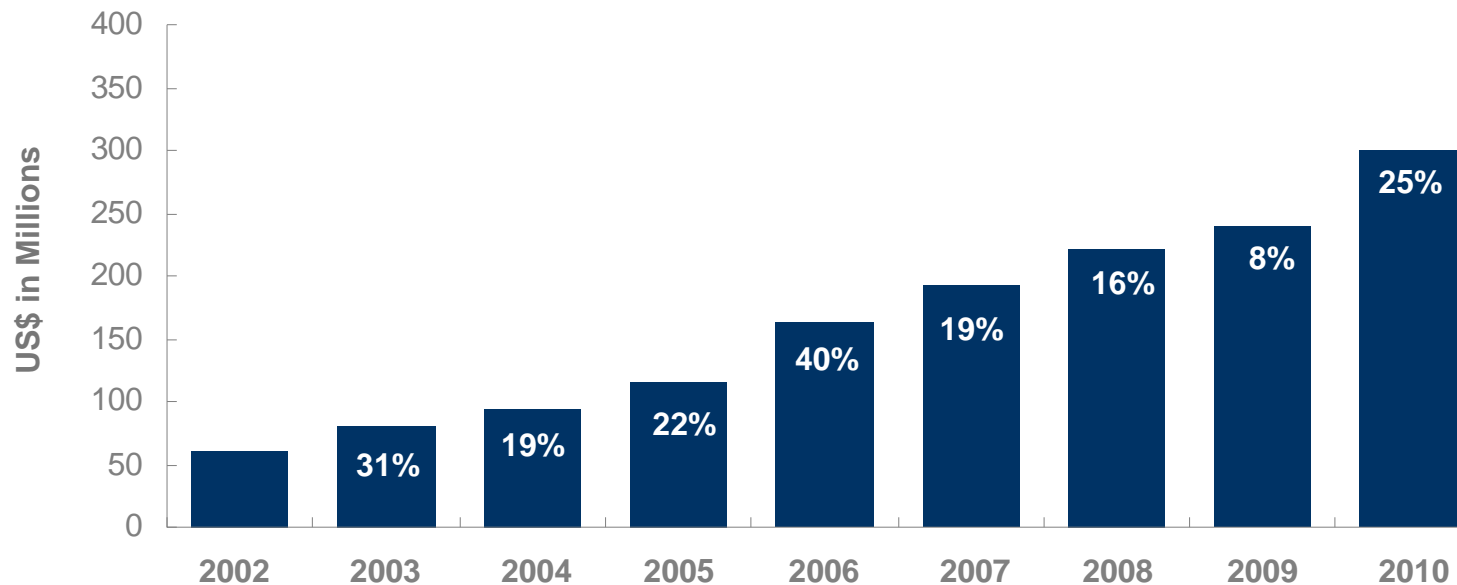
Sapphire Wafer

Consistent growth for the past **10+** years

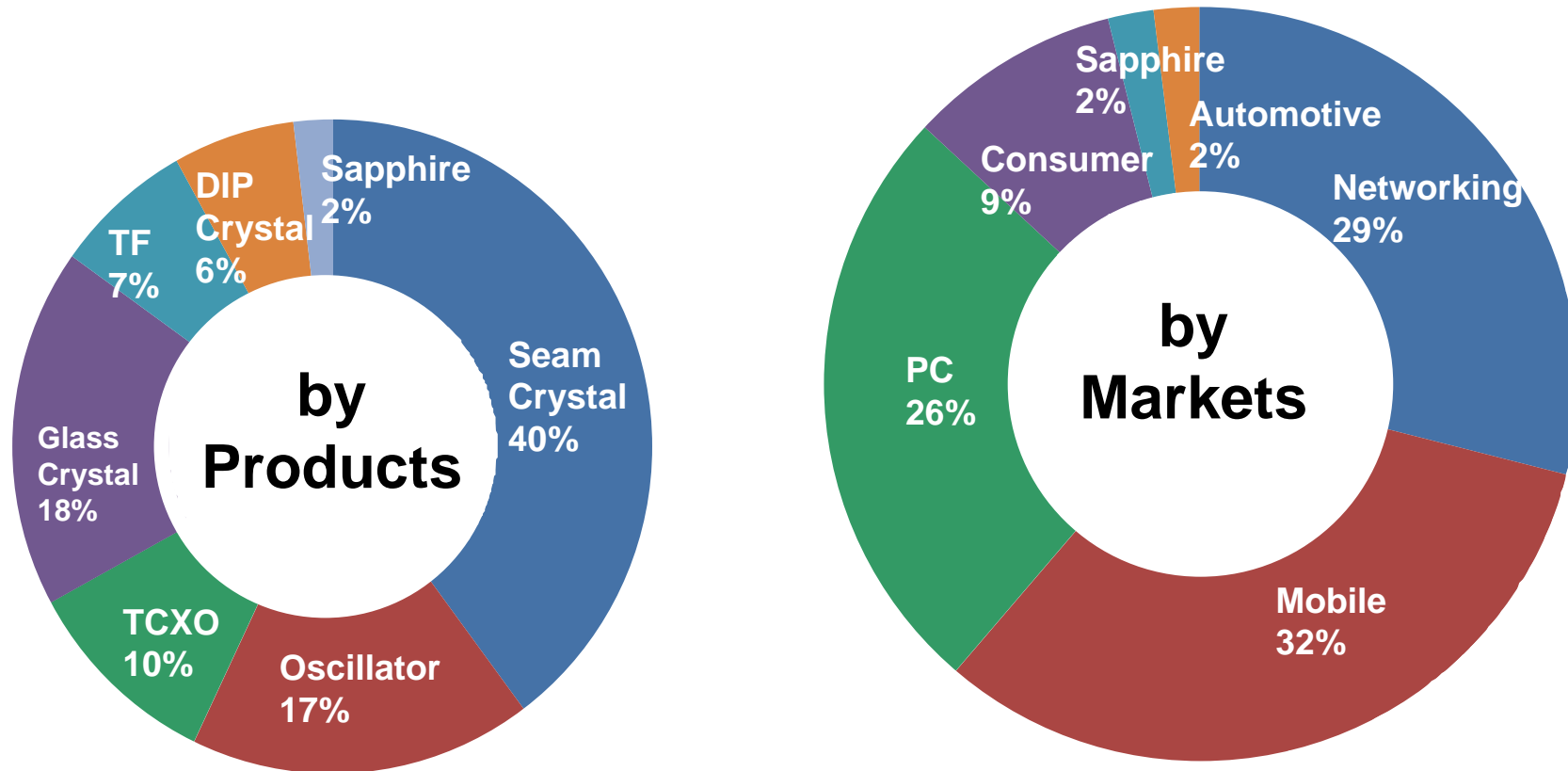
Continue Growth Sustainability

Strategy to diverse product portfolio for high

Growth Markets

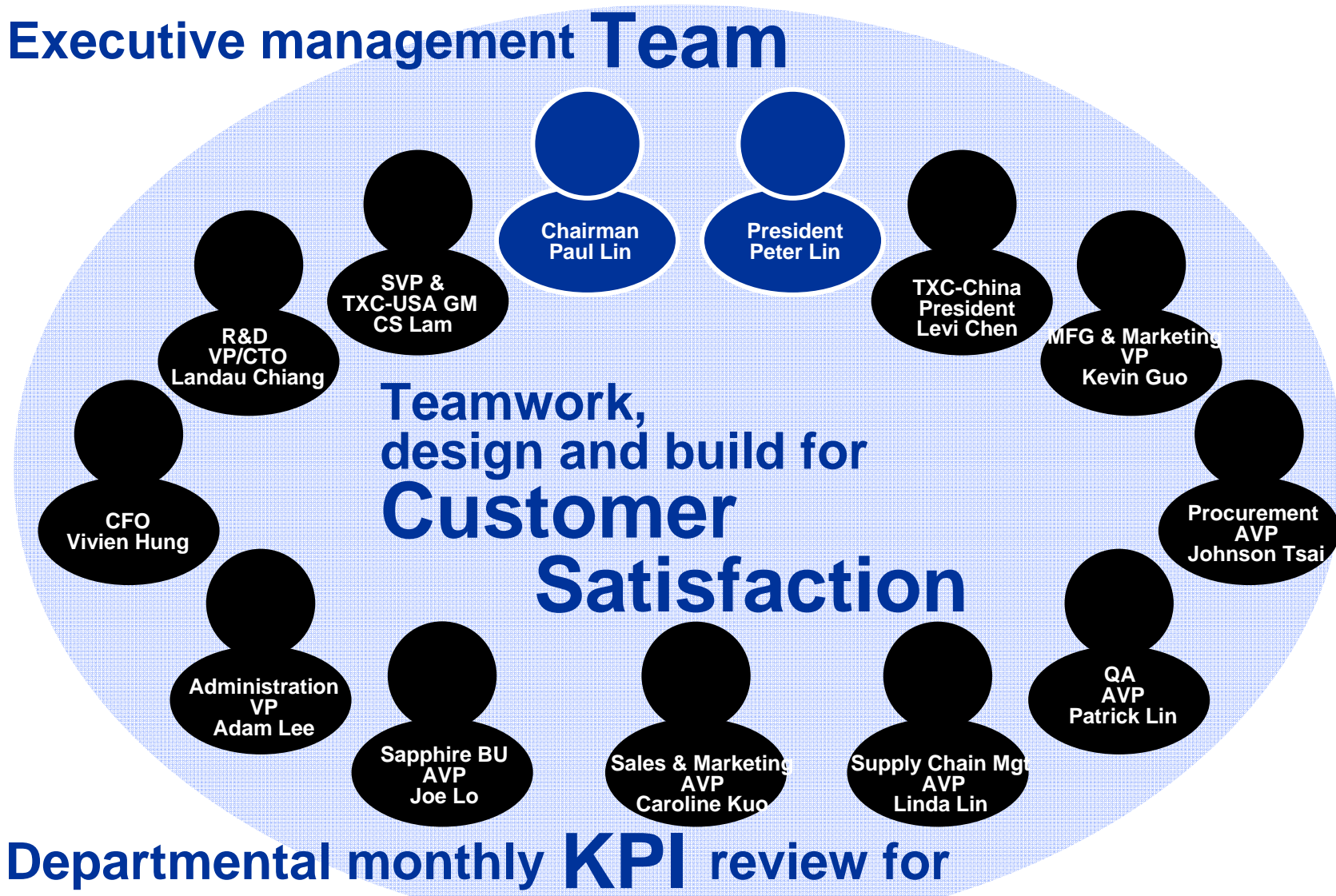


2011 revenues by segments



Strategy Time to Market and to catch Market Transition

Executive management Team



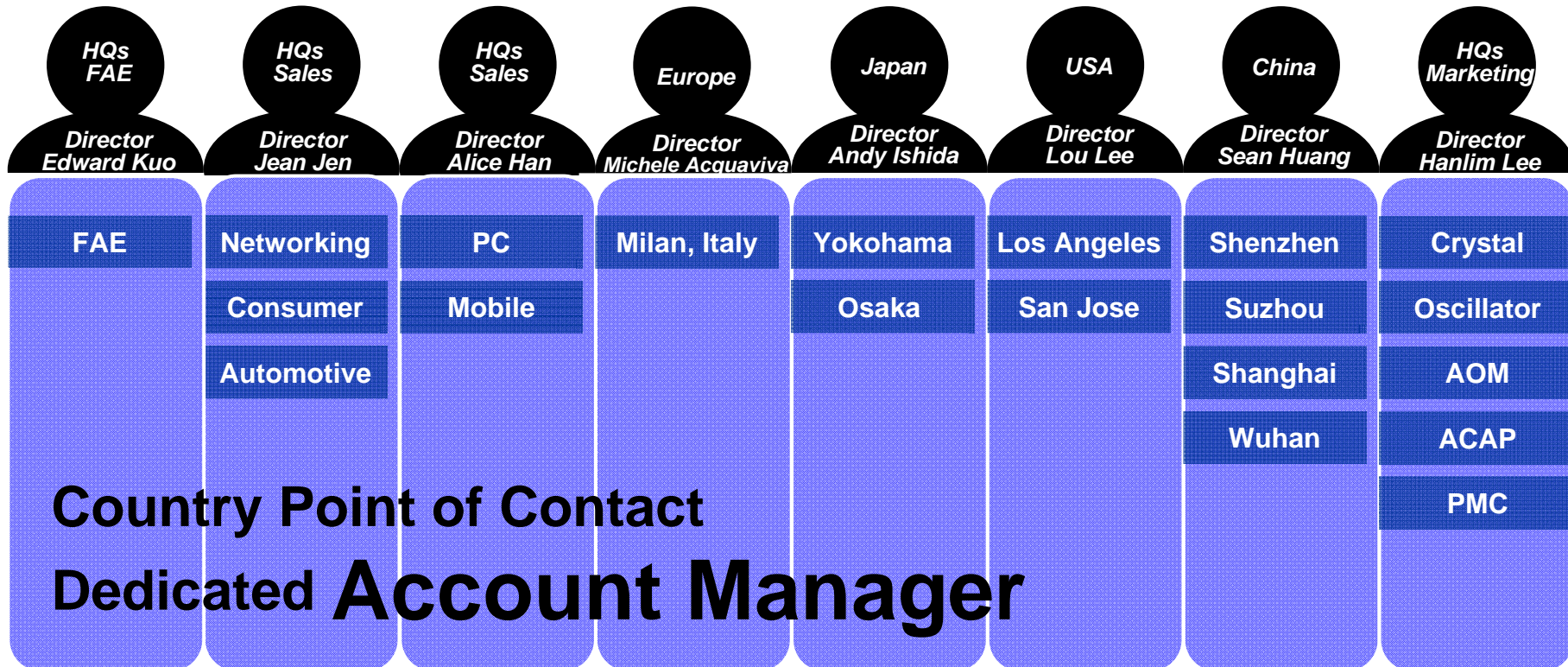
Departmental monthly **KPI** review for
continue **Improvement**

Strategy to deliver long-term Relationships and Customer Needs



FAE Supports, Sales & Accounts Managing

Marketing



Headquarters

Taipei, Taiwan
 1,568 sq. m
 (16,900 sq. ft)



Ping-Cheng Factory

Taoyuan, Taiwan
 32,277 sq. m
 (347,301 sq. ft)



Ningbo Factory

Zhejiang, China
 56,979 sq. m
 (613,094 sq. ft)



Scale Economics

DIP Crystal	30M
Glass Seal Crystal	57M
Seamseal Crystal	70M
KHz Crystal	10M
TCXO	10M
XO/SO/VCXO	9M
Total Capacity	186M

Units/month

Serving Worldwide
Customers

Strategy
Global Approach

*IC Design
Houses*

*Global
Brand
Names*

Enterprises

EMS

- **Technology**

In-House Design, Simulation, and Processing Capabilities

- **Quality**

Assurance on Design and Production

- **Service**

Global Sales, Marketing and FAE Support

- **Cost Efficiency**

Economy of Scale Production in both Taiwan and China Factories

- **Time to Market**

Leader in Crystal & Oscillator Miniaturization

- **Flexibility**

Agile Sampling Capability and Quick Ramp Up to Volume

Continue to gain Market Share

2010	Company Name	2008	2009	2010	(09-10)	2009	2010
Rank		Revenue \$	Revenue \$	Revenue \$	Change %	Market Share	Market Share
1	Epson Toyocom	675	641.2	793.1	23.69%	22.1%	22.7%
2	NDK	571	459.1	547.4	19.23%	15.8%	15.7%
3	KDS	327	271.3	390.7	44.01%	9.4%	11.2%
4	TXC	222	240.5	301.4	25.32%	8.3%	8.6%
5	KED	304	292.4	296.7	1.47%	10.1%	8.5%
6	Vectron	200	147.9	205	38.61%	5.1%	5.9%
7	Hosonic	119	97.3	108.6	11.61%	3.4%	3.1%
8	Rakon	96	81.5	105.9	29.94%	2.8%	3.0%
9	Taitien	-	-	75.1	-	-	2.2%
10	TEW	75	60.1	66.1	9.98%	2.1%	1.9%
11	Micro Crystal	56	47.5	57	20.00%	1.6%	1.6%
12	Pericom	53	47.6	56.2	18.07%	1.6%	1.6%
13	River	51	40.8	46.9	14.95%	1.4%	1.3%
14	Connor-Winfield	44	35.1	38.7	10.26%	1.2%	1.1%
15	Fox	40	34.4	37.8	9.88%	1.2%	1.1%
	Total Revenues	3,388	2,900	3,491	20.37%		

US\$ in Millions

Source - CS&A Marketing Report

		2011	2012	2013	2014		
Miniaturization	Crystal	◆1210 Seam 48~54MHz		◆1210 Seam 24~48MHz		◆1008 Seam 48~54MHz	Thickness <0.30mm
	KHz Crystal	◆2012 (<0.6mm)	◆1610 (<0.5mm)				Thickness <0.5mm
	XO/SO	◆2016 CMOS ◆5032 Differential ◆5032 SAW-Based Differential		◆1612 CMOS ◆3225 Differential			
	TCXO VCTCXO	◆2016	◆1612				
	VCXO	◆5032 CMOS/Differential		◆3225 CMOS/Differential			

		2011	2012	2013	2014	
Technology	Crystal	<ul style="list-style-type: none"> ♦ Glass Seal -40~125 (ACAP) ♦ Seamseal -40~125 (ACAP) ♦ 2520/2016 Seamseal (GPS) 19.2MHz/38.4MHz 	<ul style="list-style-type: none"> ♦ Glass Seal -50~150 (ACAP) 	<ul style="list-style-type: none"> ♦ 1612 Seamseal (GPS) 19.2MHz/38.4MHz 		Wide OTR High Stability
	XO/SO	<ul style="list-style-type: none"> ♦ 100~800MHz (PLL) Phase noise < 0.3ps 	<ul style="list-style-type: none"> ♦ CMOS -40~105 (ACAP) ♦ 100~200MHz (Fund) Phase noise < 0.1ps 			Wide OTR Low Phase Noise
	TCXO VCTCXO	<ul style="list-style-type: none"> ♦ ±0.28ppm (-10~85°C) 	<ul style="list-style-type: none"> ♦ ±0.14ppm (-40~85°C) ♦ ±0.5ppm (ACAP) (-40~85°C) ♦ 32KHz (±5 ppm, -30~85°C) 			High Stability
	VCXO	<ul style="list-style-type: none"> ♦ 50~700MHz (PLL) Phase noise < 0.3ps 				Low Phase Noise
	OCXO	<ul style="list-style-type: none"> ♦ 10MHz, 13MHz (±10ppb, -10~75°C) 	<ul style="list-style-type: none"> ♦ 38.88MHz (±200ppb, -30~70°C) ♦ 10MHz (±3ppb, -10~75°C) 			SC-cut Ultra Stability

Thank you for your time and patience

