Drive for better vision



NASDAQ HIMX

A fabless semiconductor solution provider dedicated for imaging processing technologies

Investor Presentation

February, 2013

Himax Technologies, Inc. 奇景光電股份有限公司

Forward Looking Statements

Factors that could cause actual events or results to differ materially include, but not limited to, general business and economic conditions and the state of the semiconductor industry; market acceptance and competitiveness of the driver and non-driver products developed by the Company; demand for end-use applications products; reliance on a small group of principal customers; the uncertainty of continued success in technological innovations; our ability to develop and protect our intellectual property; pricing pressures including declines in average selling prices; changes in customer order patterns; changes in estimated fullyear effective tax rate; shortages in supply of key components; changes in environmental laws and regulations; exchange rate fluctuations; regulatory approvals for further investments in our subsidiaries; our ability to collect accounts receivable and manage inventory and other risks described from time to time in the Company's SEC filings, including those risks identified in the section entitled "Risk Factors" in its Form 20-F for the year ended December 31, 2011 filed with the SEC, as may be amended.



Investment Highlights

A leading "fabless" manufacturer in TFT-LCD panel display drivers

- Pioneer in technology with a complete portfolio of display drivers for panels in all kind of sizes
- Business model with sophisticated supply chain management expertise

Product and customer diversification

- Increasing revenues from smartphone, touch panel controller, CMOS image sensor and LCOS micro display solutions
- * A diverse customer base to reduce reliance on single customer

Growth Opportunities

- Strong smartphone and tablet growth momentum benefits both display driver and touch controller products
- Substantial business opportunities from non-drivers, including CMOS image sensor, touch panel controller and LCOS micro display
- Focus in mobile devices with great growth potentials in next few years
- Significant profitability improvement from 2011 to 2013
- Low P/E compared to peers and other semi companies



Selected Financials

Fiscal Year	December 31 st					
Last-Traded Price (02/22/13)	\$3.03					
Basic Weighted Ave. Out. ADS (2012) Diluted Weighted Ave. Out. ADS (2012)	170.5M 170.8M					
Market Capitalization (02/22/13)	\$513M					
Insider Ownership*	~46.8%					
	4Q2012	4Q2011	3Q2012	YoY	QoQ	
Revenues	\$190.6M	\$169.2M	\$190.4M	+12.7%	+0.1%	
Gross Margin (%)	23.3%	22.1%	23.3%	+1.2%	+0.0%	
GAAP Net Income	\$14.3M	\$3.7M	\$10.4M	+285.8%	+37.7%	
GAAP Earnings per ADS	\$0.084	\$0.021	\$0.061	+300.0%	+37.7%	
Non-GAAP Net Income	\$15.3M	\$4.3M	\$16.5M	+252.2%	-7.3%	
Non-GAAP Earnings per ADS	\$0.089	\$0.025	\$0.097	+256.0%	-8.2%	
	FY2012		FY20	11	YoY	
Revenues		\$737.3M	\$633.0	M	+16.5%	
Gross Margin (%)		23.1%	19.8	%	+3.3%	
GAAP Net Income		\$51.2M	\$10.7	M	+377.9%	
GAAP Earnings per ADS		\$0.30	\$0.06	61	+391.8%	
Non-GAAP Net Income		\$59.9M	\$18.3	M	+227.3%	
Non-GAAP Earnings per ADS		\$0.351	\$0.10	03	+240.8%	
1Q2013 GUIDANCE						
Revenues	To decline by high-single-digit to low-teens vs. 4Q12					
Gross Margin	To be slightly up from 4Q12 (1Q12: 22.9%)					
GAAP Earnings per diluted ADS	\$0.065-\$0.075 (1Q12: \$0.066)					
Non-GAAP Earnings per diluted ADS	DS \$0.07-\$0.08 (1Q12: \$0.071)					

^{*} Insider ownership includes executives, board members and Innolux.



Company Overview

- Fabless semiconductor provider with world leading visual imaging processing technologies
- Global market leader in TFT-LCD display driver and timing controller ICs
- Pioneer in mobile projector microdisplays
- Growth momentum in timing controller, touch panel controller, CMOS image sensors, wafer level optics, display system solutions, power management IC, WLED driver and ASIC solution
- 150+ customers across Taiwan, China, Japan, Korea,
 U.S. and Europe
- 1,762 patents granted and 1,397 patents pending approval worldwide as of December 31, 2012
- NASDAQ-listed since March 2006 (HIMX)
- Headquartered in Tainan, Taiwan with 5 R&D centers in Taiwan and U.S., out of a total of 16 offices across Taiwan, China, Japan, Korea and U.S.
- 1,400 employees worldwide; more than 90% are engineers







Himax Operating Companies

Himax Technologies Ltd

- Display Drivers and Tcon
- Touch Controllers
- Wafer Level Optics and modules for CIS
- In-house Color Filter Fab for LCOS and CIS



Himax Media Solutions, Inc.

- ASIC Service and IP Licensing
- Monitor and Projector Scalers
- Infinity Color Technology
- 2D to 3D Conversion
- 3D Color Engine

Himax Display, Inc.

- LCOS Modules for Head-Mounted Display and Picoprojector Applications
- MEMS Microdisplays and Controller ICs

Himax Imaging, Inc.

CMOS Image Sensors

Himax Analogic, Inc.

- Power Management ICs
- LED Drivers



Himax's Products – Strength in Mobile Devices

CMOS Image Sensor with FSI/BSI Technologies









- Main supplier for higher-end (non-VGA) segments in NB
- Advanced FSI/BSI in high resolution for mobile/tablet
- BrightSense™ boosts low light performance for still image and video with low power consumption
- ClearSense[™] offers enhanced dynamic range
- ClearView[™] enhances resolution
- Ultra small-die design for compact module size

Display Driver IC (Handset/CE /OA/TV)









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• World leader in display driver IC, covering all panel makers for all applications 328 mn (2011) handsets with Himax DDIC inside; ~ 20% WW

- Comprehensive coverage of handset display resolutions from ggVGA (128x160) to HD720 (720 x 1280)
- Supports all common interfaces: i80 CPU/RGB/MIPI DSI
- Innovative frame buffer compression to reduce cost and power
- Content adaptive backlight control for power saving
- Color enhancement for improved image quality

Wafer Level Optics



- Re-flowable solution to allow for SMT assembly
- Ultra small dimension
- Standard part design for effective supply chain management

Camera Module

CMOS Image Sensor

Lens -Module

ASIC Media Processor

NAND & DRAM

Driver IC Tcon PMIC



Battery pack





LCOS and MEMS Microdisplays

/iSLIS

SHARP

Timing Controller IC (Tcon)

- For tablet/NB/monitor/TV applications
- eDP 1.1a & 1.2 passed Intel CTS and MP proven in Ultrabooks
- Co-promoting with Intel on eDP 1.3 PSR
- Proprietary point -to-point interface for high resolution display with slim PCB and low EMI
- Overdrive technology for minimum motion blur
- Super high resolution (SHR) scaling engine
- Sunlight readability (SLR) enhancement
- Cost efficient 3D TV Tcon solution

ASIC Media Processor and IP



PHILIPS

Microsoft

EPSON

 2D/3D video processor and IP licensing Sub Camera Leading 3D technologies

Super high resolution

Baseband

 Infinity color and sunlight readable technologies



Offers color-filter and color-sequential types LCOS and MEMS microdisplays and controller ICs

- Primary product focus is Head-Mounted Display and two secondary product areas are MEMS for data projector and LCOS for other niche markets
- Over 1 million units of LCOS modules shipping record

Touch Panel Controller IC



GiÛNEE金立

- MP proven in first-tier smartphone brands
- Multi-point sensing (mutual capacitance)
- HiTouch™ universal firmware for GG / GFF / OGS sensor structures
- Proprietary one layer multi-point sensor pattern for low cost
- Proprietary auto-calibration for user environment changes

Power Management IC (PMIC) and LED Driver







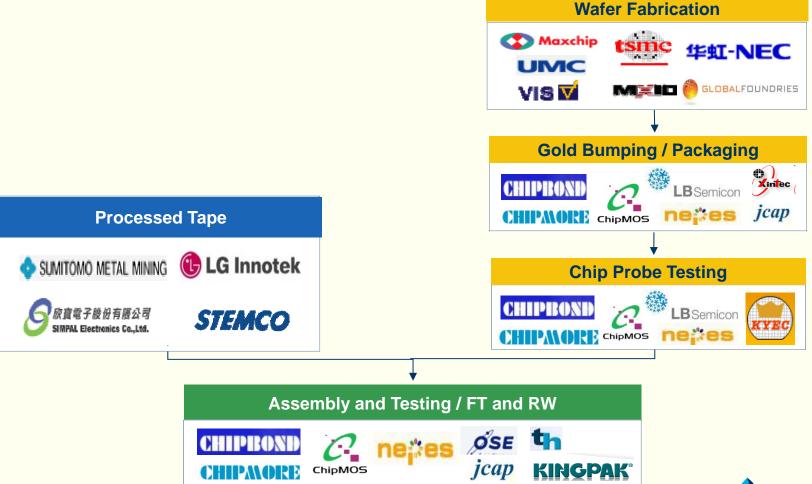
LED drivers provide precise voltage/current to light up LED diodes efficiently and keep the brightness of LEDs uniform and stable





Skilled Management of Complex Supply Chains

Display Driver and CMOS Sensor Supply Chain





Himax's Global Footprint



Taiwan - Headquarters

Tainan

Headquarters

Design

Manufacturing

Operations

Sales/Marketing

Technical support

Taipei

Design

Sales/Marketing

Technical support

Hsinchu

Design

Sales/Marketing

Technical support

U.S.

Irvine

Design

Sunnyvale

Design Sales

Technical Support

China

Beijing

Sales Technical support

Shanghai

Sales

Technical support

Suzhou

Sales

Technical support

Ninbo

Sales

Technical support

Fuqing

Sales

Technical support

Foshan Sales

Technical support

Shenzhen

Sales

Technical support

Hefei

Sales

Technical support

Japan

Yokohama

Sales

Technical support

Matsusaka

Sales

Technical support

Korea

Cheonan

Sales

Technical support

Suwon

Sales

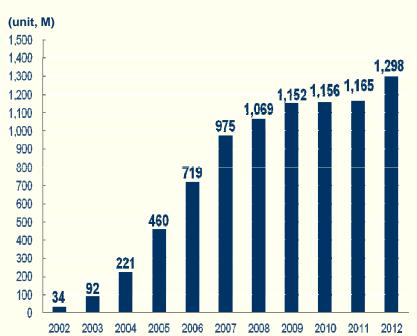
Technical support

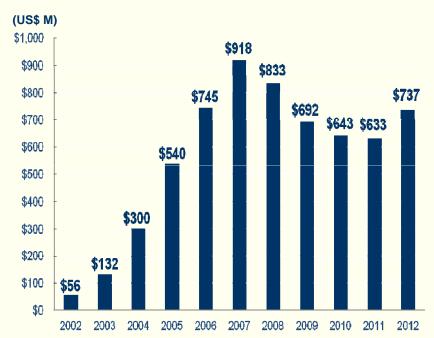


Shipment and Revenue Track Record

Consistent shipment growth

Volume Revenues

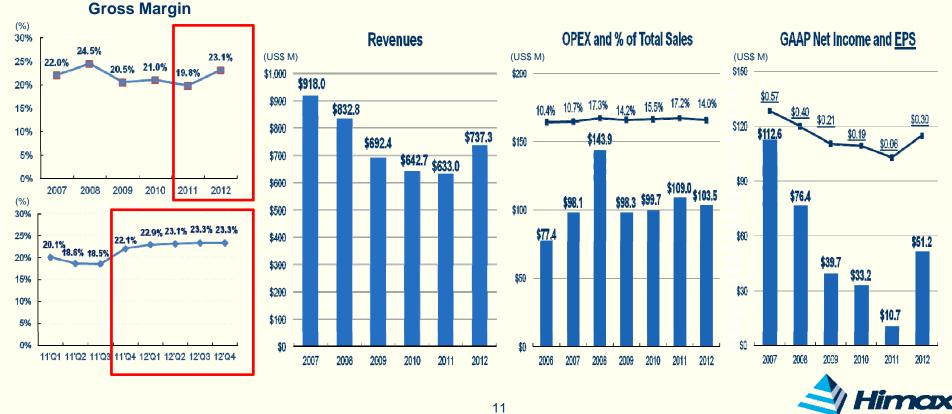






Gross Margin and Net Income (2007~ 2012)

- With better product mix, gross margin has improved from 19.8% in 2011 to 23.1% in 2012
- Gross margin of 4Q12 is the highest level since 4Q08, the fifth consecutive quarter of GM improvement
- 2012 demonstrated a successful turnaround to increase sales by 16.5% to \$737.3M
- 2012 EPS increased 3.9 times to \$30.0 cents from \$6.1 cents in 2011
- OPEX 2012 vs. 2011 excluding one-time items reduced by 12.0% and \$13.3M



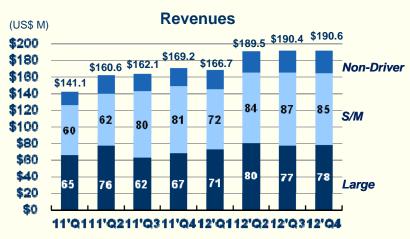
2012 Performance Summary

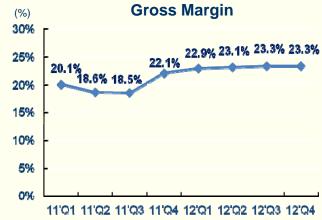
- A successful turnaround in our business from the trough of 2011 to deliver robust revenue and earnings growth
- S/M panel driver IC to become the largest source of sales, thanks to the growth of global smartphone and tablet demand and our leading position
- Large panel driver IC sales experienced a double digit growth because of China market growth
- Non-driver products delivered the strongest growth owing to many new product launches and project wins
- Non-driver products expected to continue to outgrowth driver ICs
- Looking into 2013, we will continue to execute our strategy to focus on image processing related technologies while diversifying our customer base and product portfolio to increase revenue and improve margins and profitability

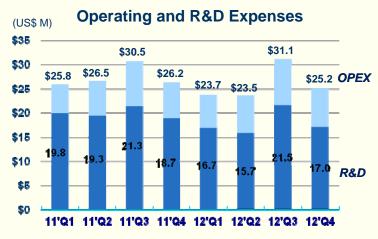


Quarterly Financial Performance

- Successfully embarked on business transformation in 4Q11
- Gross margin improvement due to better product mix
- More controlled OPEX
- Continuous R&D commitment
- Positive profitability outlook with strong growth in S/M panel driver and non-driver products





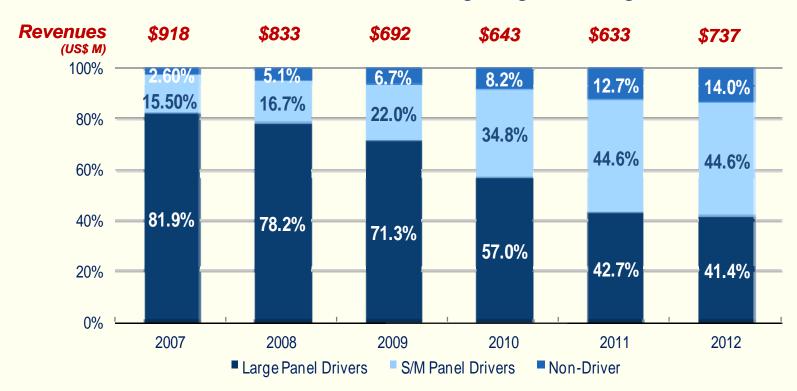




Product Mix

More balanced product mix:

- Fast growing small and medium-sized panel driver
- Increasing percentage of non-driver products to diversify sales base and contribute higher gross margin

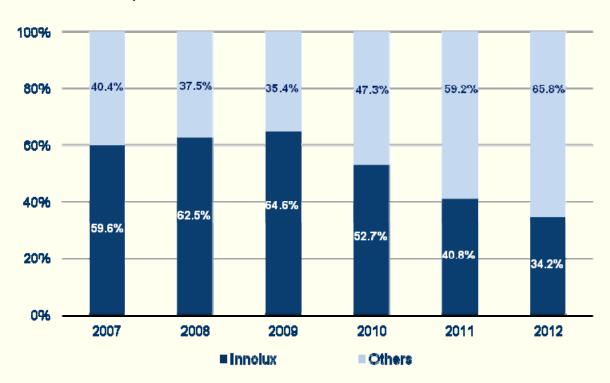




Revenue Breakdown

Largely reduced dependence on one single customer:

- Innolux Display Corporation is the world's third largest panel manufacturer that owns 15.0% of HIMX
- Revenue in 4Q12 down to 31.8% from as high as 68.8% in 4Q09, reflecting strength in our non-large panel driver businesses
- Non-related parties revenues increased \$110.5 million and 29.5% YoY in 2012





Cash Dividend and Share Buyback

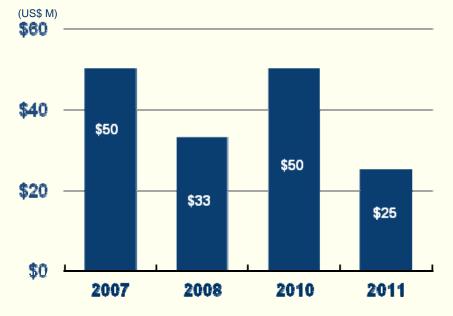
Cash Dividend Per ADS

- Cumulatively distributed ~\$239 million of cash dividend since IPO
- \$11.0 million paid on July 25, 2012, \$21 million in 2011 and \$44 million in 2010
- Committed to paying annual dividends referenced primarily on prior year's profitability

(US\$ M) Total cash dividend payment Cash Dividend Per ADS \$100 \$0.57 \$0.40 \$0.30 \$0.21 \$80 \$0.19 \$0.35 \$0.08 \$0.30 \$60 \$0.25 \$0.20 \$40 \$0.12 \$20 \$0.063 \$0 2007 2008 2009 2010 2011 2012 **Dividend Yield 3.9%** 7.0% 11.6% 9.1% 5.9% 3.4% Payout Ratio 51.3% 61.4% **75%** 119% 63.2% 100%

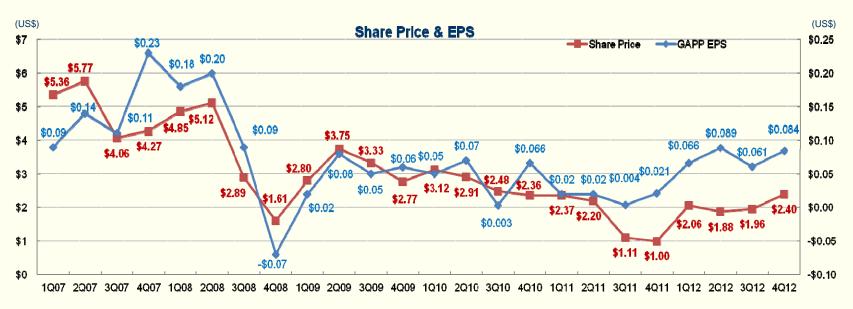
Share Buyback Programs

- Initiated four (4) share buyback programs totaling ~\$158 million since 2007 and repurchased a total of 46.5 million ADSs aggregately through December 31, 2012
- Of the \$25 million dollars share buyback program announced in June 2011, Himax has purchased a total of \$13.4 million, or approximately 9.5 million ADSs, through December 31, 2012





Historical Share Price Trend



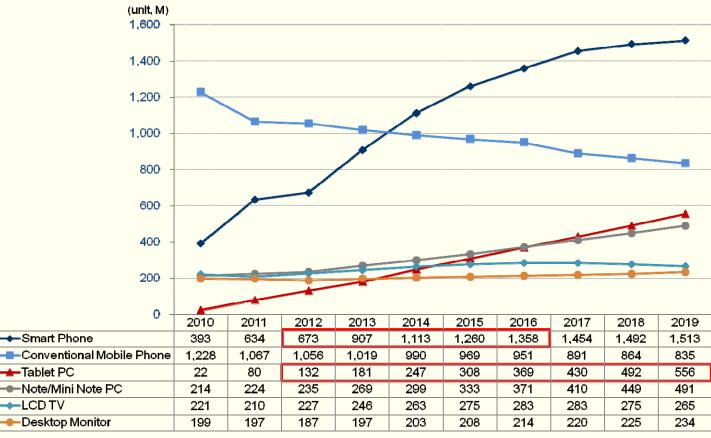
Gross Margin





Worldwide Flat Panel Display Forecast

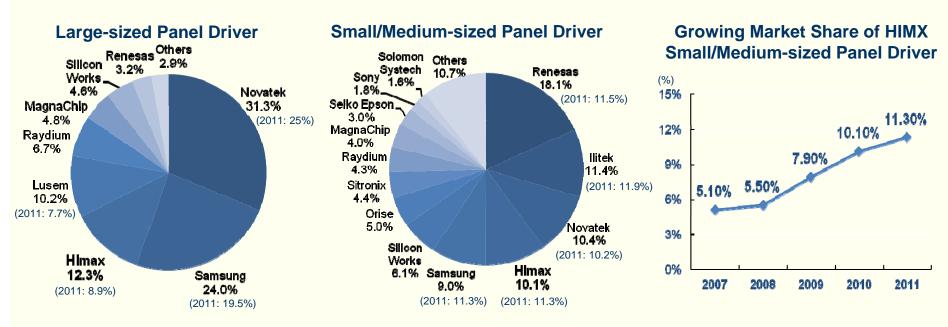
- Smartphone and tablet are expected to grow at stronger annual growth rates
- Growth in China outpaces other regions





Himax Display Driver Market Share

- One of the leading players in display driver IC designs
- Superior growth in small/medium-sized display driver market driving overall growth momentum
- Key differentiation from IC peers is Himax offers total solution of image processing related technologies and leverage of existing strength in mobile devices







Growth Opportunity #1 – Smartphone Display Drivers

- Technology leader in smartphone driver ICs including hVGA, nHD, WVGA, qHD and HD720
- Strong grow momentum from 1-tier international and China brands and China white-box market
- Leading position to be solidified due to higher resolution industry trend
- Anticipate growth opportunity to continue in 2013 and beyond
- Sales for smartphone application:
 - 4Q12 sales reached \$37.0M
 - Delivered the strongest growth since 3Q11
 - Expect sales and shipment record growth in 2013 and beyond



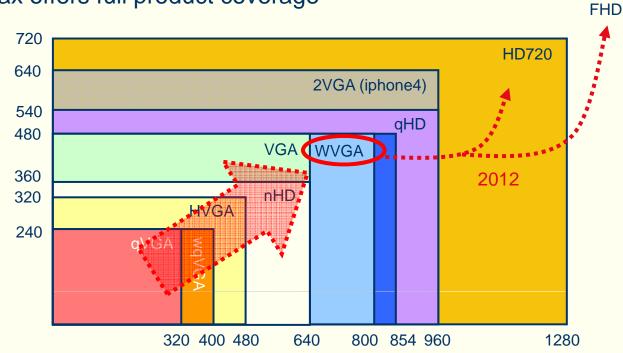
Global Total Handset and Smartphone Unit Shipment Forecast





Display Resolution Trends for Smartphone

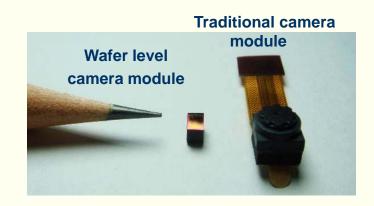
- For the entry smart phone
 - Mainstream is HVGA and WVGA now
 - Low-cost oriented
- For high-end smart phone
 - Himax is ready for high-end smart phones with HD720/ WXGA with LTPS/ GIP
 - ❖ Eg., 4.3" HD720 → 342ppi; 4.7" HD720 → 312ppi
- Himax offers full product coverage



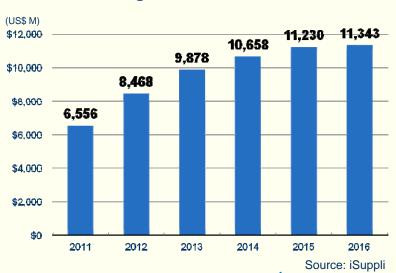


Growth Opportunity #2 – CMOS Image Sensors

- Premium quality CMOS image sensor products to capture the US\$11.3B market (2016):
 - High sensitivity and low noise design in highly integrated products
 - Targeting smartphone, tablet and notebook markets
 - Offer mainstream and entry-level sensor products up to 5MP and will launch 8MP sensor soon
 - Expect sales to surge in 2013 because of shipments of new products
 - Expect to gain new leading smartphone brand customers and penetrate tablet, IP Cam, surveillance and automotive application markets
- Advanced Wafer-Level Optics (WLO) and Wafer-Level Module (WLM) are future trends for camera modules and various other sensor applications
 - Start sampling WLO with HD resolution and expect mass production in early 2013



CMOS Image Sensor Market Estimates

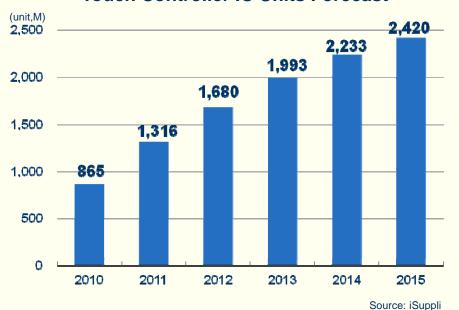




Growth Opportunity #3 – Touch Panel Controller

- Sales in 2012 more than tripled due to share expansion in existing leading smartphone brand customer and new shipments to China handset customers from 3Q12
- Expanding product offering to cover larger panel for tablet applications, targeting both international and China white-box markets
- Newly-awarded tablet projects from a leading brand name customer
- Continuous growth in 2013 through gaining new customers in smartphone, tablet and Win 8 laptop applications

Touch Controller IC Units Forecast







Growth Opportunity #4 – LCOS Micro Display

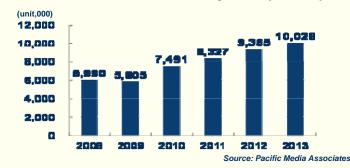
- Proprietary LCOS pico-projector solutions:
- Successfully adopted in camera and handset applications
- Cumulative shipment over 1.5 M
- Primary product focus is Head-Mounted Display (HMD). There are two secondary product areas: MEMS for data projector and LCOS for other niche markets.
- Working with customers on developing new applications of HMD using Himax LCOS panels; anticipate some early stage volume shipments in 2013
- Pilot shipments of HMD application to top-tier customers in 4Q12
- Working with numerous partners to create new pico-projector applications

Microdisplay Applications

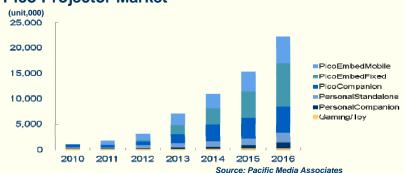


Phone embedded projector Standalone pico projector

Worldwide UHP-based Projector (MEMS) Market



Pico Projector Market





Income Statement

(US\$'000)	_		_		
For the Fiscal Period Ended	4Q-2012 (Unaudited)	4Q-2011 (Unaudited)	3Q-2012 (Unaudited)	Y2012 (Unaudited)	<u>Y2011</u> (Audited)
Revenues from others, net Revenues from related parties, net Revenues	\$129,973 60,666 190,639	\$109,841 59,387 169,228	\$125,671 64,742 190,413	\$485,281 251,974 737,255	\$374,788 258,233 633,021
Cost of revenues	146,216	131,850	146,113	566,700	507,449
Gross profit Gross margin	44,423 23.3%	37,378 22.1%	44,300 23.3%	170,555 23.1%	125,572 19.8%
Operating expenses Research and development General and administrative Sales and marketing Total operating expenses	17,003 4,328 3,863 25,194	18,666 3,923 3,611 26,200	21,494 5,056 4,588 31,138	70,913 17,139 15,443 103,495	79,042 17,095 12,827 108,964
Operating income Non-operating income (loss)	19,229 (444)	11,178 (340)	13,162 390	67,060 (113)	16,608 200
Income before income tax and noncontrolling interest	18,785	10,838	13,552	66,947	16,808
Income tax expense Net income Add:Net loss (income) attributable to the noncontrolling interest	4,527 14,258 82	5,809 5,029 (1,312)	3,388 10,164 247	16,567 50,380 789	7,301 9,507 1,199
GAAP-Net income attributable to Himax shareholders	\$14,340	\$3,717	\$10,411	\$51,169	\$10,706
Non-GAAP Net income attributable to Himax shareholders	\$15,285	\$4,340	\$16,495	\$59,862	\$18,292
Earnings per ADS attributable to Himax shareholders (in cents)					
Basic	8.4	2.1	6.1	30.0	6.1
Diluted	8.4	2.1	6.1	30.0	6.1



Balance Sheet

	December 31, 2012 (Unaudited)	December 31, 2011 (Audited)	September 30, 2012 (Unaudited)
(US\$'000)	(Ollauditeu)	(Addited)	(Onaddited)
<u>Assets</u>			
Current Assets:			
Cash, cash equivalents and marketable securities available-for-sale	\$138,909	\$106,329	\$88,993
Restricted cash equivalents and marketable securities	73,000	84,200	73,000
Accounts receivable, net	209,005	181,113	218,303
Inventories	116,671	112,985	128,339
Other current assets	28,323	31,082	31,772
Total current assets	565,908	515,709	540,407
Investment securities	12,688	24,506	12,926
Property and equipment, net	52,609	57,150	53,119
Goodwill	30,786	26,846	30,923
Other Assets	15,056	20,767	15,064
<u>Total Assets</u>	\$677,047	\$644,978	\$652,439
Liabilities and Stockholders' Equity	_		
Current liabilities:			
Short-term debt	73,000	84,200	73,000
Accounts payable	135,546	134,353	129,959
Other current liabilities	33,491	26,807	31,375
Total current liabilities	242,037	245,360	234,334
Other liabilities	6,745	4,560	3,860
Himax shareholders' equity	427,381	393,437	413,278
Noncontrolling interest	884	1,621	967
Total Liabilities and Stockholders' Equity	\$677,047	\$644,978	\$652,439



Summary Cash Flow

(1/04/020)	4Q-2012	4Q-2011	3Q-2012	2012FY	2011FY
	(Unaudited)	(Unaudited)	(Unaudited)	(Unaudited)	(Audited)
(US\$'000) Net income (loss)	\$14,258	\$5,029	\$10,164	\$50,380	<u>\$9,507</u>
Depreciation and amortization Share-based compensation expenses Deferred income tax expense Inventories write downs Decrease (increase) in accounts receivable Decrease (increase) in inventories Increase (decrease) in accounts payable Increase (decrease) in income tax payable Increase (decrease) in other accrued expenses and other current liabilities	3,669	3,182	3,152	13,299	12,795
	458	269	451	1,936	4,190
	2,732	5,213	7,587	9,670	6,492
	2,445	2,757	3,241	12,418	9,138
	9,319	(6,403)	(5,428)	(27,876)	(4,887)
	9,222	(11,078)	7,579	(16,104)	(4,135)
	5,586	20,807	(29,448)	1,192	18,431
	1,669	675	(4,067)	6,711	(5,616)
	857	(2,717)	1,568	(172)	(2,092)
Others	2,229	(440)	(1,890)	713	(375)
Net cash provided by (used in) operating activities Net cash provided by (used in) investing activities Net cash povided by (used in) financing activities Effect of foreign currency exchange rate changes	\$52,444 (\$1,930) (\$640)	\$17,294 (\$2,308) \$488 36	(\$7,091) \$4,015 (\$11,089)	\$52,167 (\$695) (\$18,931) 32	\$43,448 (\$10,197) (\$24,015)
Net increase (decrease) in cash and cash equivalents Cash and cash equivalents at beginning of period Cash and cash equivalents at end of period	\$49,915	\$15,510	(\$14,170)	\$32,573	\$9,322
	\$88,822	\$90,654	\$102,992	\$106,164	\$96,842
	\$138,737	\$106,164	\$88,822	\$138,737	\$106,164

 The improvement in cash from operations was a result of higher net income and better working capital management

Management



Dr. Biing-Seng Wu, Chairman of the Board - Dr. Wu, the founder of Himax, previously served as President, CEO and a director of Himax Taiwan. As a pioneer of TFT-LCD panel industry in Taiwan, Dr. Wu has been active in the TFT-LCD panel industry for over 20 years. With 61 patents related to Flat Panel Display granted worldwide, Dr. Wu has made significant contributions to Taiwan panel industry including the completion and operation of Taiwan's very first TFT-LCD plant, the winner of Outstanding Industry Contribution Award at the Gold Panel Awards 2009 from Ministry of Economic Affairs, etc. Dr. Wu holds a B.S. degree, an M.S. Degree and a Ph.D. Degree in Electrical Engineering from National Cheng Kung University. With well-recognized outstanding research and development capabilities, Dr. Wu received numerous awards including National Invention Award of Taiwan from Taiwan Executive Yuan in 1992, Research Achievement Awards from Industrial Technology Research Institute for consecutive 2 years in 1992 and 1993, ERSO Award from Pan Wen Yuan Foundation in 2008, etc.



Jordan Wu, President, CEO and Director - Mr. Wu previously served as the chairman of the board of Himax Taiwan since April 2003. Prior to joining Himax Taiwan, he served as CEO of TV Plus Technologies, Inc. and CFO and executive director of DVN Holdings Ltd. in Hong Kong. Mr. Wu holds a B.S. degree in Mechanical Engineering from National Taiwan University and an M.B.A. degree from the University of Rochester.



Chih-Chung Tsai, Chief Technology Officer, Senior VP - Prior to joining Himax Taiwan, Mr. Tsai served as vice president of IC Design of Utron Technology from 1998 to 2001, and manager and director of the IC Division of Sunplus Technology from 1994 to 1998. Mr. Tsai holds a B.S. degree and an M.S. degree in Electrical Engineering from National Chiao Tung University.



Jackie Chang, Chief Financial Officer - Before joining Himax, Ms. Chang was the CFO of Castlink Corporation and VP of Finance and Operations for PlayHut, Inc. Prior to that, Ms. Chang was General Manager -Treasury Control for Nissan North America. She held several positions in Nissan North America during 1994 -2006 including finance, treasury planning, operations and accounting. She holds a BBA in accounting from the National Chung-Hsing University in Taiwan and an MBA in Finance from Memphis State University.



Board of Directors

Position	Name	Title
Chairman	Dr. Biing-Seng Wu	Founder of the Company
Independend Director	Dr. Yan-Kuin Su	President, Kun Shan University
Independend Director	Dr. Hsiung-Ku Chen	Consultant, Color Imaging Promotion Office
Independend Director	Yuan-Chuan Horng	Assistant Vice President of Finance Division, China Steel Corporation
Director	Tien-Jen Lin	Special Assistant to General Manager, Chimei Innolux Corporation
Director	Jordan Wu	President and CEO, Himax Technologies, Inc.
Director	Chih-Chung Tsai	CTO, Himax Technologies, Inc.



Contact Information

Company Contact

Jackie Chang, CFO

+886-2-2370-3999 #22300

+1-949-585-9835 #252

jackie_chang@himax.com.tw

Penny Lin, IR Manager

+886-2-2370-3999 #22320

penny_lin@himax.com.tw

Corporate Counsel

Baker & McKenzie

SEC Legal Counsel

Davis Polk & Wardwell

Corporate Auditor:

KPMG

Investor Relations

John Mattio, SVP

MZ Group

Main: +1-212-301-7130

Mobile: +1-203-297-3911

john.mattio@mzgroup.us





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