



Investor Overview

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President and CEO
January 2012

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Additional Information and Where to Find It

Tessera Technologies, Inc. (the “Company”), its directors and certain executive officers and employees may become participants in the solicitation of proxies from stockholders in connection with the Company’s 2012 Annual Meeting of Stockholders (the “Annual Meeting”). The Company plans to file a proxy statement with the Securities and Exchange Commission (the “SEC”) in connection with the solicitation of proxies for the Annual Meeting (the “2012 Proxy Statement”). Robert J. Boehlke, John B. Goodrich, David C. Nagel, Kevin G. Rivette, Anthony J. Tether, and Robert A. Young, all of whom are members of the Company’s Board of Directors, and Michael Anthofer, Executive Vice President and Chief Financial Officer, Bernard J. Cassidy, Executive Vice President, General Counsel and Secretary and Moriah Shilton, Senior Director, Investor Relations, may become participants in the Company’s solicitation. Information regarding the Company’s directors’ and executive officers’ respective interests in the Company by security holdings or otherwise is set forth in the Company’s proxy statement relating to the 2011 annual meeting of stockholders. No other participants own in excess of 1% of the Company’s common stock. Additional information regarding the interests of such participants will be included in the 2012 Proxy Statement and other relevant documents to be filed with the SEC in connection with the Annual Meeting. Promptly after filing its definitive 2012 Proxy Statement with the SEC, the Company will mail the definitive 2012 Proxy Statement and a proxy card to each stockholder entitled to vote at the Annual Meeting. **STOCKHOLDERS ARE URGED TO READ THE 2012 PROXY STATEMENT (INCLUDING ANY AMENDMENTS OR SUPPLEMENTS THERETO) AND ANY OTHER RELEVANT DOCUMENTS THAT THE COMPANY WILL FILE WITH THE SEC WHEN THEY BECOME AVAILABLE BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION.** Stockholders may obtain, free of charge, copies of the definitive 2012 Proxy Statement and any other documents filed by the Company with the SEC in connection with the Annual Meeting at the SEC’s website (<http://www.sec.gov>), at the Company’s website (<http://ir.tessera.com/sec.cfm>) or by writing to the Secretary, Tessera Technologies, Inc., 3025 Orchard Parkway, San Jose, California 95134.

Tessera Technologies, Inc. at a Glance (NASDAQ: TSRA)

- Founded in 1990 and headquartered in San Jose, California
- Market capitalization of \$919.9 million (as of Jan. 6, 2012)

Two business reporting segments:

- **Micro-electronics**

- Generating sustainable high margin cash flows from broad IP portfolio
- Focused on chip packaging bottlenecks and 3D IC
- Well-positioned to grow revenue base beyond semiconductor packaging

- **Digital Optics**

- Developing/producing the components of advanced camera modules for mobile phones
- Well-positioned to address near-term ~\$1 billion MEMS auto-focus market opportunity*

* Source: Tessera internal forecast

Why Tessera?

- IP licensing leader
- Strong cash flow / strong balance sheet
- New leadership team
- Significant growth opportunities in 2012 and beyond

Industry Validated IP Portfolio



More than 70 companies have licensed our IP

60 billion chips have shipped with Tessera IP

New Leadership in 2011



Bob Young
President & CEO
IBM
Dillon Read



Bob Boehlke
**Non-executive
Chairman**
KLA-Tencor



Kevin Rivette
Director
IBM
Author: *Rembrandts
in the Attic*



Tony Tether
Director
Director, DARPA
Loral /Ford Aerospace



Bob Roohparvar
President, Digital Optics
Flextronics
Broadcom



Rich Chernicoff
President, Micro-electronics
SanDisk
Skadden Arps

Significant Growth Opportunities: Micro-electronics

- IP licensing well-positioned
 - Renewed Hynix and Samsung in Nov. 2011
 - Others in 2012
- New chip technologies coming to market
 - xFD (3 billion unit market opportunity)*
 - 3D IC
- Expanding into adjacent and other markets

* Source: Tessera internal forecast

Significant Growth Opportunities: Digital Optics

- Developed / acquired multiple camera module components now being shipped worldwide
 - 90% of digital still camera leading OEMs
 - 6 of top 10 mobile phone OEMs
- Beginning to source key MEMS auto-focus component
 - Near-term ~\$1 billion market opportunity*
 - Tier One qualified
- Pursuing integrated mobile camera module opportunity
 - \$9 billion market*
 - In discussions with major mobile phone makers
 - Expect major design wins in 2012

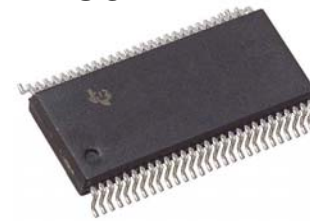
* Source: Tessera internal forecast

Micro-electronics

Tessera Solved a Critical Chip Packaging Problem

- Packaging enables chips to be attached to circuit boards
- As chips became faster, the package became a limiting factor and had to be made smaller
- With packages near chip size, reliability became a significant issue
- We invented better chip scale package technologies - smaller, faster and more reliable

TSOP



Tessera's CSP

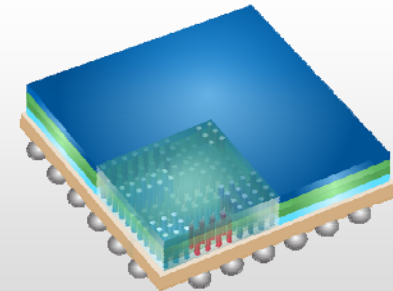


We Licensed the Industry

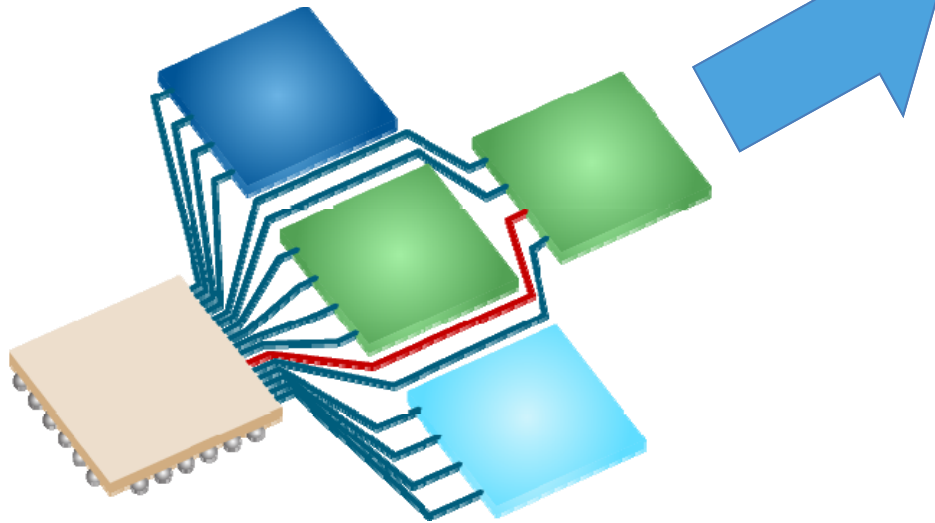
Focused on Next Generations of Chip Packaging

3D Interconnect

- $1/10$ Space
- $1/10$ Cost
- $1/10$ Power
- $10x$ Performance



2D Packaging

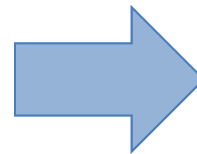


Strategic collaboration is a central component of our development and commercialization strategy

Our Latest Packaging Innovation: xFD for Stacked DRAM



Existing Solution: SO-DIMM



xFD: SO-DIMM in a Package

Growing to 3 billion units in 2013*

Delivering **Smaller, Faster and Lower Cost** Solutions

* Source: Tessera internal forecast

Tessera's Industry Leading Roadmap

Our ongoing investment in R&D sustains and grows our packaging royalty base

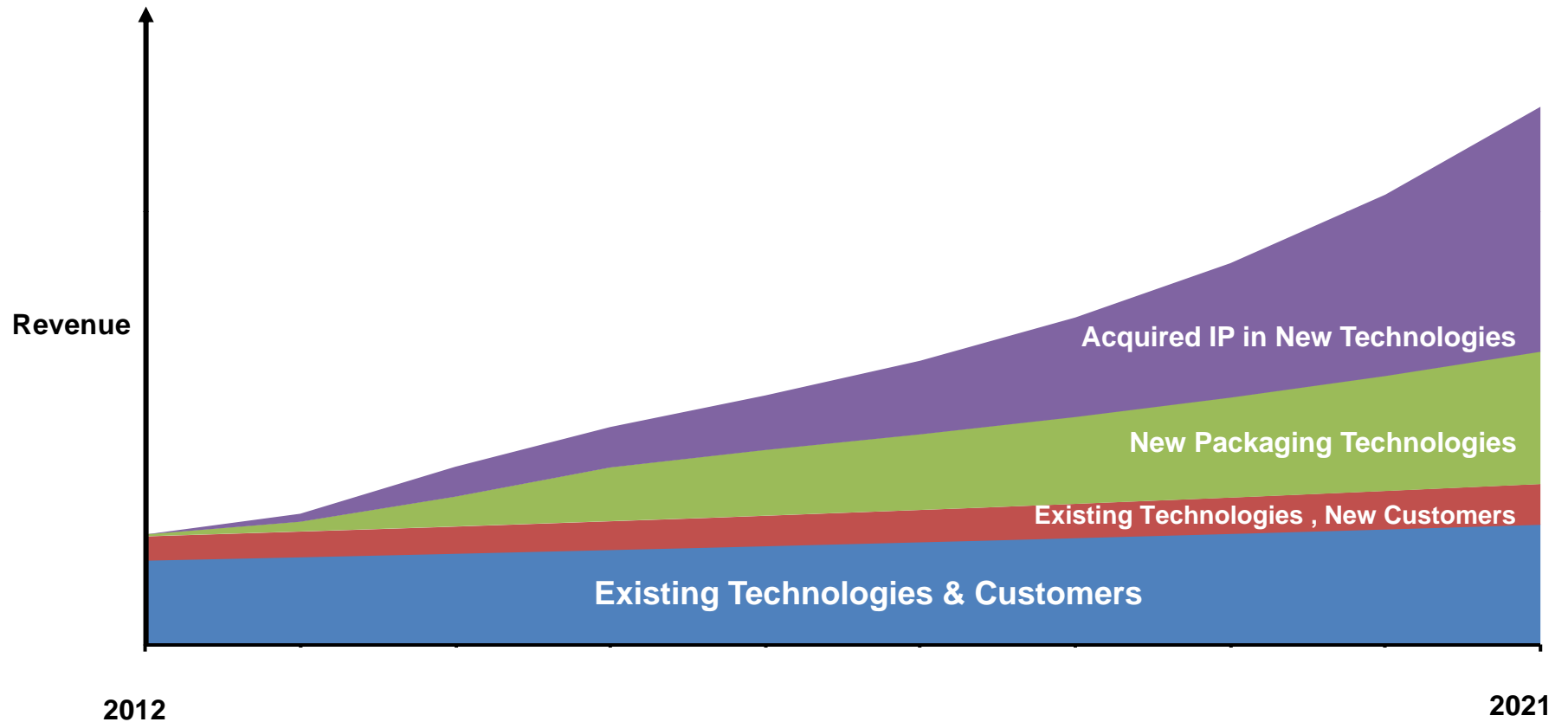
Long-term R&D investments plus partnership

Near-term R&D investments

Recently commercialized



IP Business: Organic Growth and Diversification



* 3-Year (2008 – 2010) Average Non-GAAP Operating Margin - 69.1%; GAAP Operating Margin - 66.7%



Targeting the Primary Camera Module Market Needs

Auto Focus



Image Stabilization



Zoom



Image Enhancement



Face Detection



Face Recognition



Face Beautification



Panorama, Wide Field of View

Strong Market Acceptance for DOC Technologies

DOC Technologies are used in DSC cameras of more than 90% of the Leading OEMs



DOC Technologies are Embedded in Handsets of 6 of the Top 10 OEMs



Transitioning DOC 'Standard' in DSC Image Enhancement to the Mobile Imaging Market

DOC's Latest Product is a Game Changer

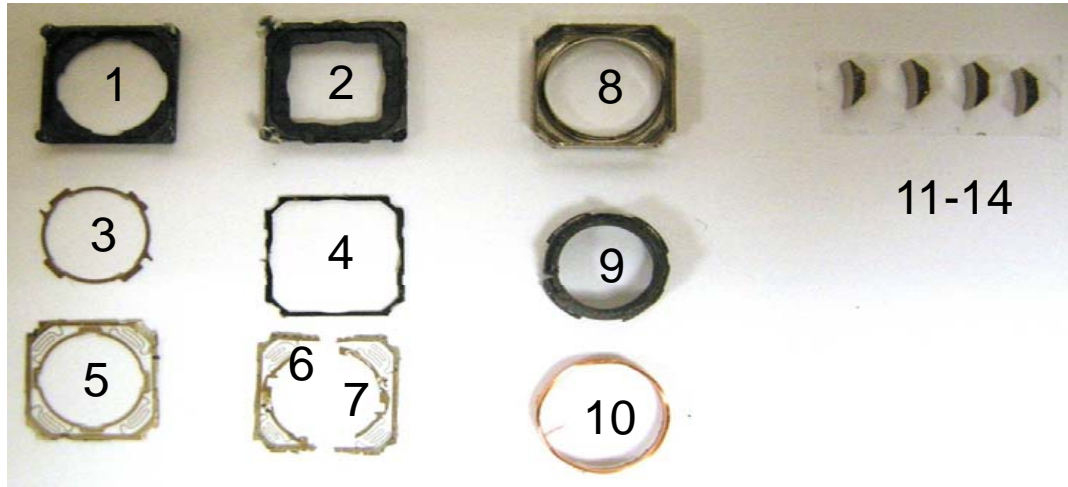
MEMS Actuator for Auto Focus vs Current Technology

- **Size**
 - Smaller footprint
 - Thinner
- **Speed**
 - 7x faster settling time
 - 7x faster auto focus time
- **Lower Power Consumption**
 - Uses 1/300th of current power consumption
- **Image Quality**
 - More accurate auto focus

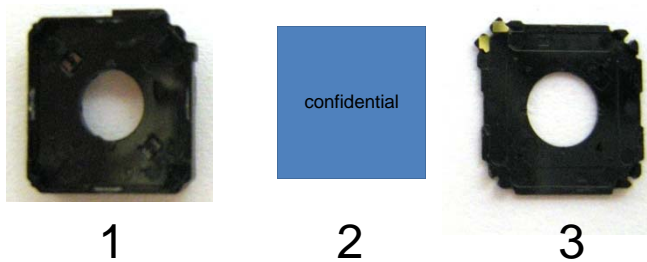


MEMS Auto-focus: a Technology Breakthrough

Today: Typical cell phone camera lens actuator has 14 parts



Digital Optics' new MEMS auto-focus actuator has 3 parts



New MEMS auto-focus system can 'plug and play' in same socket as older systems

Sizable MEMS Auto-focus Market Opportunity

Targeting ~\$1 billion actuator market for mobile phones

- Fragmented
- High volume
- Lower margin
- Commoditized components



~660 million units in 2012 growing to ~1.1 billion units in 2015

Source: Yole Development, January 2010

DOC Enables Next Generation Cameraphones

Lowest height camera

Fast, Low Power MEMS AF for 'continuous auto focus'



Image Enhancement Technologies

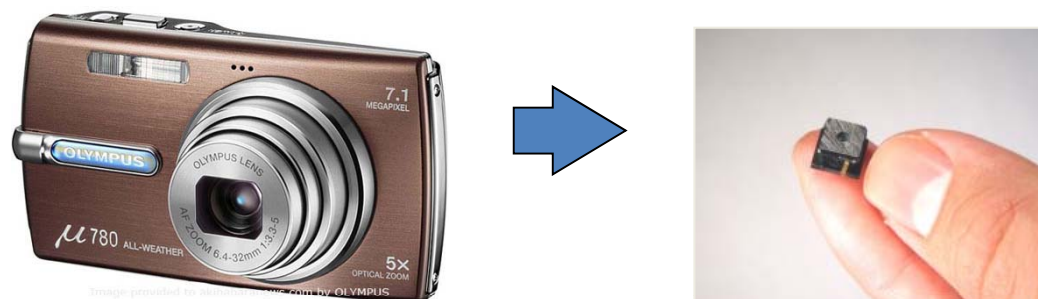
Improved optical performance for image sensors

Video and Optical Image Stabilization

Compact Optical Zoom

DOC Technologies are Differentiators

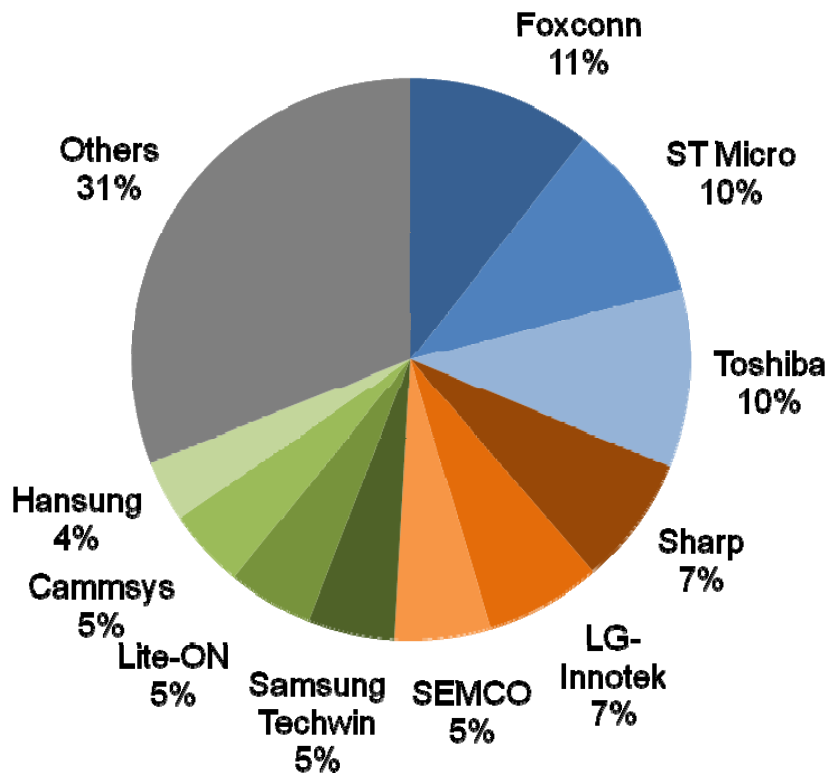
Enable Cell Phone Cameras to have DSC Capabilities



- With Digital Optics IP, mobile phone cameras can ...
 - Be smaller than current designs
 - Use significantly less battery power
 - Plug-in directly with fewer modular parts
 - Deliver the image quality of a full-sized digital camera

\$9B Mobile Camera Module Market Has No Dominant Player

Camera module integrators



- Fragmented market
 - No single player has broad technologies, competencies, IP
- No vertical integration
 - No player has vertical integration capabilities (lens, actuators, camera system design, image enhancement technologies)
- Stagnant technology
 - No player has access or internal development of disruptive, high value technology components (e.g., MEMS)

Source: Techno Systems Research (TSR) 2011 and DOC internal forecast

Summary

- **Micro-electronics**

- Patent monetization capabilities yielding \$748 million of revenues and compelling \$499 million GAAP operating income over the last 3 years (2008-2010)
- Major licensees are renewing
- Industry leading technology roadmap with transforming technology

- **Digital Optics**

- Well positioned for “sea-change” market shift to mobile phone photography
- ~\$1 billion “plug compatible” MEMS camera opportunity with game changing auto-focus technology
- Additional \$9 billion vertical integration opportunity in the mobile camera module market

