

First Quarter Fiscal 2009 Results

August 28, 2008

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Forward Looking Information

This document and certain other public documents incorporated by reference in this document, contain forward-looking statements to the extent they relate to MOSAID or its management, including those identified by the expressions “anticipate,” “believe,” “foresee,” “estimate,” “expect,” “intend,” “could,” “may,” “plan,” “will,” “would” and similar expressions. Similarly, statements in this document that describe MOSAID’s business strategy, outlook, objectives, plans, intentions or goals also are forward-looking statements. These forward-looking statements are not historical facts, but rather reflect MOSAID’s current expectations regarding future events. These forward-looking statements are subject to a number of risks and uncertainties that could cause actual results, performance or achievements to differ materially from those in such forward-looking statements. Assumptions made in preparing forward-looking statements and financial guidance include, but are not limited to, the following: MOSAID’s continued expansion of its patent portfolio and of its opportunities for future patent licensing revenue as a result of MOSAID’s acquisition of patents from third parties and from development of new inventions; DRAM manufacturers continuing to infringe MOSAID’s patents; the timing and amount of MOSAID’s litigation expenses; MOSAID’s ability to sign new patent licensees; current assumptions as to the identification of products that are unlicensed to MOSAID’s wireless patents; and the timing and amount of MOSAID’s Research & Development expenses.

Factors that could cause actual results to differ materially from expected results include, but are not limited to, the following: the extent of embedded DRAM proliferation in the System-on-a-Chip markets; legal rulings and/or regulatory investigations or complaints having an adverse impact on the validity, enforceability, potential royalty rates, and strength or breadth of coverage of MOSAID’s essential and/or nonessential patents (including, but not limited to, adverse results from litigation or proceedings in patent offices and government regulatory agencies in various countries around the world); judicial, legislative or regulatory changes that impair the ability of patent holders to earn licensing revenues; economic, social, and political conditions in the countries in which MOSAID or patent licensees operate, including security risks, health conditions, possible disruptions in transportation networks and fluctuations in foreign currency exchange rates; non-payment or delays in payment by, or insolvency of, licensees or other debtors; variability in patent licensees’ sales of licensed products, failure to maintain and enforce MOSAID’s existing patent portfolio, or failure to obtain valuable patents as a result of research and development activities, or failure to acquire valuable patents from third parties; MOSAID’s ability to recruit and retain skilled personnel; change in MOSAID’s financial position; consolidation of MOSAID’s licensees; natural events, such as severe weather and earthquakes in the locations in which MOSAID or patent licensees operate; and changes in the tax rate applicable to MOSAID as the result of changes in the tax law in the jurisdictions in which profits are determined to be earned and taxed, the outcome of tax audits and the ability to realize deferred tax assets.

MOSAID assumes no obligation to update or revise any forward-looking statements. Additional information identifying risks and uncertainties affecting MOSAID’s business and other factors that could cause MOSAID’s financial results to fluctuate are contained in MOSAID’s Annual Information Form, under the section entitled “Risk Factors,” and in MOSAID’s other public filings available online at www.sedar.com.



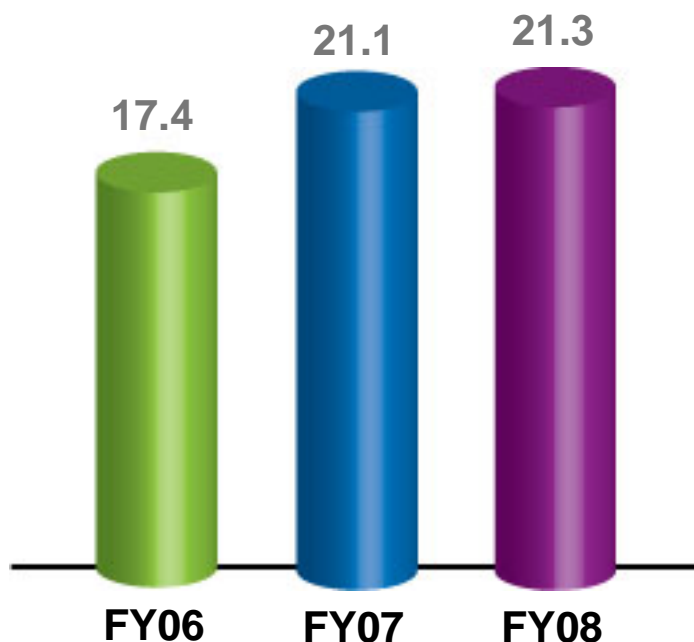
Solid Start to Fiscal 2009

- Guiding for fifth consecutive year of profitability and healthy revenue growth
- Patent portfolio growth strategy is generating new licensing opportunities in multi-billion dollar wireless and semiconductor markets
- MOSAID meets Q1 revenue and pro forma income targets
 - Strong balance sheet, positive cash flow from operations
 - R&D investment generating patents and licensing opportunities



Returning Free-Cash-Flow to Shareholders

Dividends and Share Re-purchases \$Millions



MOSAID returned \$60 million to shareholders in last three fiscal years

Free-cash-flow, a non-GAAP measure, is defined by the Company as pro forma income plus non-trade accounts receivable, non-cash tax expense and amortization, less net interest income, cash withholding taxes, capital asset and intangible asset expenditures and anticipated cash outflows during the next twelve months due to other long-term liabilities. Non-GAAP measures do not have any standardized meaning prescribed by GAAP and are therefore unlikely to be comparable to similar measures presented by other issuers.



U.S. Fabless Semiconductor Company Signs Three Agreements

- MOSAID receives cash, patents and exclusive sub-licensing rights
- Highlights multi-dimensional strategy for building patent portfolio, including patent transfers and patent alliances
- Demonstrates continued success in licensing DRAM market



U.S. Fabless Semiconductor Company Signs Three Agreements (cont'd)

- Five-year patent portfolio license agreement covering DRAM, Pseudo-SRAM products
 - With cash payment to MOSAID
- Patent transfer agreement
 - MOSAID receives ownership of select DRAM, SRAM, Flash memory and other patent families
- Patent alliance
 - MOSAID obtains exclusive sub-licensing rights to DRAM, SRAM, Flash patent families
- New patents important to re-signing existing licensees



Fiscal 2009 Business Objectives

- Wireless Licensing Program
 - FY 2009 objective: sign multiple wireless licensing agreements, including first Wi-Fi enabled handset license
 - Have received preliminary offers

MOSAID's Wireless Patents

20 issued and 3 pending patents reading on Wi-Fi and Wi-MAX enabled components and systems, including handsets, smart phones, laptops and other consumer electronics and infrastructure products

JURISDICTION	ISSUED PATENTS	PENDING PATENTS
US	10	1
Japan	5	
Germany	1	
France	1	
Great Britain	2	
Canada	1	
Europe (EU)		2
Totals	20	3



Fiscal 2009 Business Objectives

- Semiconductor Licensing Program
 - FY09 objective: pursue licenses under both DRAM and non-DRAM portions of semiconductor patent portfolio, including signing an agreement based on sub-licensed patents
 - Have received preliminary offers

Patent Alliances

MOSAID has sub-licensing rights to patents reading on DSPs, RISC cores, microprocessors, ASICs, FPGAs, semiconductor memory and processing technologies, wireless, power, LEDs



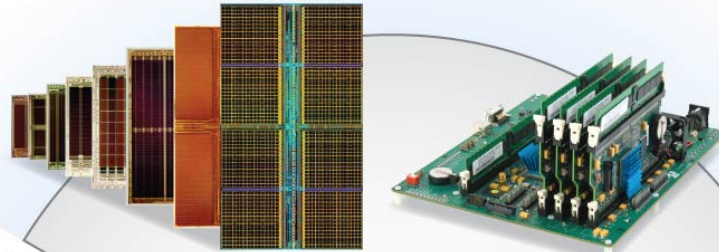


Building a Stronger Patent Portfolio

Three-part Strategy

INTERNALLY DEVELOPED PATENTS

From early work on DRAM and Networking chip designs, to new HLNAND™ Flash interface design



DRAM

HLNAND

PATENT ALLIANCES

- Wireless, power, LED
- DRAM, SRAM, Flash
- DSP, ASIC, RISC, FPGA, memory, semiconductor processes

CALTECH



U.S. Fabless
Semi Co.



ACQUISITIONS

agere systems



Private
Seller

U.S. Fabless
Semi Co.



UNIVERSITY of TORONTO
and other Universities

Individual
Inventors

23 WiFi and WiMAX

50 DRAM, ATE, power & other

9 PSRAM

DRAM, SRAM, Flash, other

MLDRAM

CRAM

Cache memory

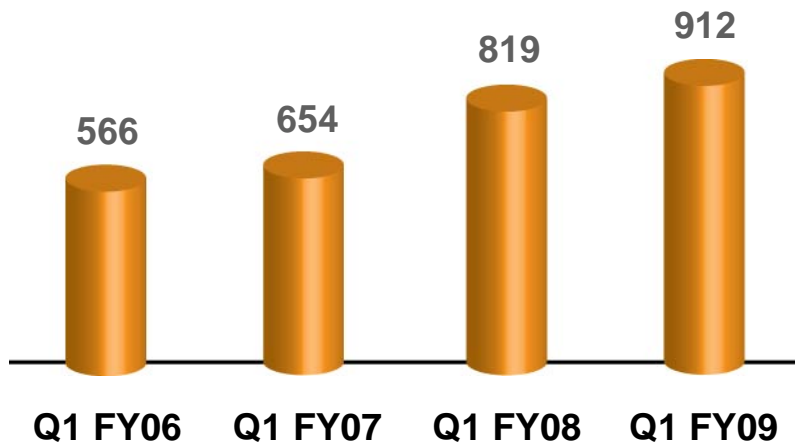
Ruggedized enclosure



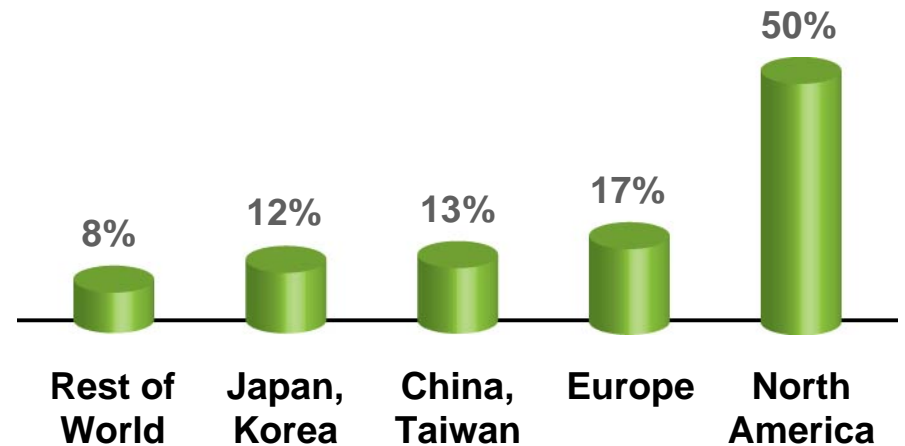
Patent Portfolio Growth

Q1 fiscal 2009 – 912 patents and applications

Patents by Year



Patents by Geography





Litigation Update

- MOSAID in litigation with Micron Technology and Powerchip Semiconductor in California
- California court to use “best efforts” to expedite claim construction and set an early trial date
- Case status conference set for September 5th

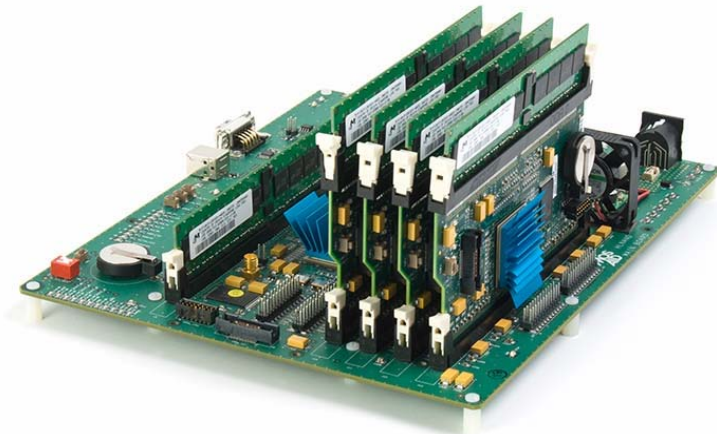


HLNAND™ – Driving a New Standard for High-Performance Flash Memory

- HLNAND™ – MOSAID's new NAND Flash memory architecture and interface
- Emulation platform now available for system development and benchmarking
- HLNAND™ targets Solid State Drives
- Growing Flash portfolio is seeding new licensing opportunities
 - 173 patent applications filed

HLNAND™ Evaluation Platform for existing and potential partners

HLNAND



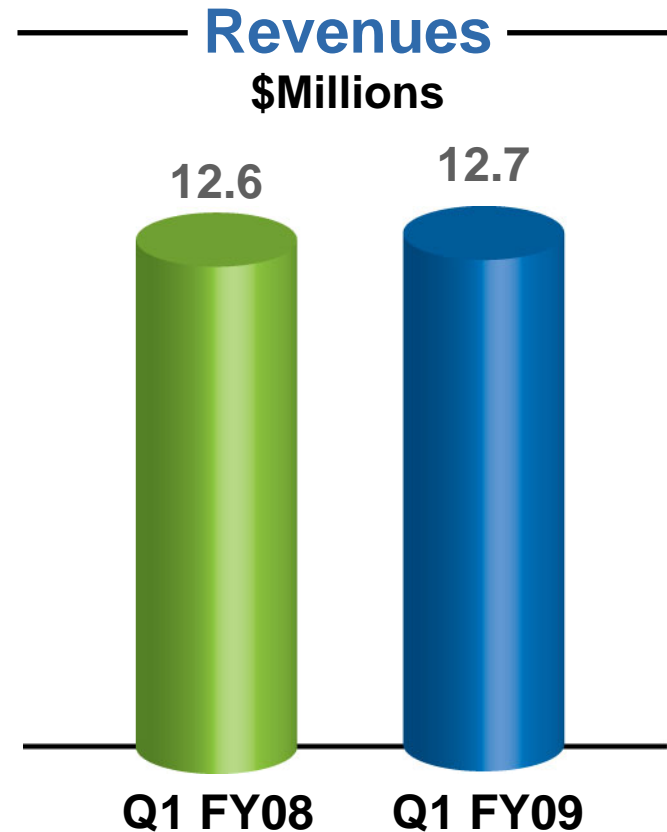


Fiscal 2009 – Going Forward

- Continue to operate MOSAID profitably for shareholder benefit
- Build a Company that will deliver sustainable, long-term revenue and earnings per share growth
- MOSAID well positioned to create new value by licensing into growing wireless and wireline telecommunications and semiconductor markets



First Quarter FY09 Revenues



Q1 fiscal 2009 revenue just above mid-point of guidance provided on June 26, 2008



Pro Forma Operating Expenses

First Quarter Fiscal 2009

Patent Portfolio Management: \$1.1 million
Patent Licensing and Litigation: \$4.4 million
Research and Development: \$567,000
General and Administration: \$1.1 million
Pro Forma Foreign Exchange: \$61,000 gain
Net Interest Income: \$522,000
Pro Forma Income Tax: \$2.0 million



First Quarter FY09 Pro Forma Income

	Pro Forma Income \$Millions	Pro Forma Income \$ Per Diluted Share
Q1 Fiscal 2009	4.0	0.37
Q1 Fiscal 2008	4.9	0.44

Q1 fiscal 2009 pro forma income at top end of guidance provided on June 26, 2008

Pro forma income, a non-GAAP measure, is GAAP net income adjusted for stock-based compensation, patent amortization and imputed interest, foreign exchange gains and losses on "Other long-term liabilities," and any other non-recurring items. The Company uses pro forma measures internally to evaluate and manage operating performance as well as to forecast and plan. Non-GAAP measures do not have any standardized meaning prescribed by GAAP and are therefore unlikely to be comparable to similar measures presented by other issuers.



First Quarter FY09 GAAP Net Income

	GAAP Net Income \$Millions	GAAP Net Income \$ Per Diluted Share
Q1 Fiscal 2009	1.4	0.13
Q1 Fiscal 2008	9.5	0.85

Q1 fiscal 2009 GAAP net income included \$168,000 in profit from discontinued operations, compared to \$5.8M in Q1 fiscal 2008



Balance Sheet

First Quarter Fiscal 2009

Cash and Marketable Securities: \$59.0 million \$2.7 million returned in dividends \$3.8 million used on NCIB
Working Capital: \$61.4 million
Accounts Receivable: \$7.0 million
Capital Assets and Acquired Intangibles: \$70.0 million
Future Income Taxes Recoverable: \$29.5 million



Balance Sheet (continued)

First Quarter Fiscal 2009

Accounts Payable and Accrued Liabilities: \$7.4 million

**Other Long-term Liabilities: \$36.8 million
(Current and long-term portions)**

Shareholders' Equity
Retained Earnings: \$16.6 million



Second Quarter Fiscal 2009 Guidance

Q2 FY 2009

Revenue

- \$13.0 million to \$14.0 million

Pro forma income

- \$3.0 million to \$3.5 million, or \$0.29 to \$0.33 per diluted share

Guidance for Q2 fiscal 2009 was approved by MOSAID's Board of Directors on August 27, 2008



Q2 FY09 Guidance Details

Pro Forma Statement of Operations

Patent Portfolio Management: \$1.0 million to \$1.5 million
Patent Licensing and Litigation: \$5.5 million to \$6.0 million
Research and Development: \$0.5 million to \$1.0 million
General and Administration: \$1.0 million to \$1.5 million
Pro Forma Foreign Exchange Expense: \$100,000 to \$200,00
Net Interest Income: \$400,000 to \$500,000



Fiscal 2009 Annual Guidance

Fiscal Year 2009

Revenue

- \$59.0 million to \$61.0 million

Pro forma income

- \$20.0 million to \$21.0 million, or \$1.90 to \$2.00 per diluted share

Annual guidance for fiscal 2009 was approved by MOSAID's Board of Directors on June 25, 2008 and reaffirmed August 27, 2008



Q & A



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