Corporate Overview

June 2024
Safe Harbor Statement

Forward Looking Statements

This presentation may contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 and made pursuant to the safe harbor provisions of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. These statements involve estimates, assumptions, risks and uncertainties. Any statements about our expectations, beliefs, plans, objectives, assumptions or future events or performance are not historical facts and may be forward-looking. Such forward-looking statements include, but are not limited to, statements relating to new greenfield growth opportunities; our market position; our product portfolio expansion; our ability to solve customer challenges; and growth in our customer base. Other forward-looking statements may be indicated by words such as "will," "could," "should," "would," "may," "expect," "plan," "project," "anticipate," "intend," "forecast," "future," "believe," "estimate," "predict," "propose," "possible," "potential," "continue," "ongoing," or the negative of these terms or other comparable terminology. Factors that may cause actual results to differ materially from the forward-looking statements in this presentation include global economic conditions which may affect customer demand, the cyclical nature of the semiconductor industry, pricing and inflationary pressures, competitive actions, international trade disputes and sanctions, and the potential impact of global pandemics, and other significant risks and uncertainties that are beyond our ability to predict or control, including those risks more fully described in in our filings with the Securities and Exchange Commission, including Item 1A in Lattice’s most recent Annual Report on Form 10-K, especially those under the captions “Risk Factors” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations”, all of which are expressly incorporated herein by reference.

You should not unduly rely on forward-looking statements because actual results could differ materially from those expressed in any forward-looking statements. In addition, any forward-looking statement applies only as of the date on which it is made. We do not intend to, and undertake no obligation to, update or revise any forward-looking statements, whether as a result of events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.

Use of non-GAAP Financial Information

To supplement the Company's financial statements presented on a GAAP basis, we have provided non-GAAP financial information in this presentation, including non-GAAP gross margin, gross margin percentage, earnings per share, operating profit, R&D expense, SG&A expense, and operating expenses. Non-GAAP financial information is not meant as a substitute for GAAP results but is included because management uses such information to evaluate and manage the Company and believes such information is useful to our investors for informational and comparative purposes. These non-GAAP measures should be considered in addition to, and not as a substitute for, the results prepared in accordance with GAAP. See the Appendix in our Q1’24 and FY’23 earnings reports for reconciliation to most comparable GAAP measure.

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Agenda

1. Company Overview
2. Products & Solutions
3. End Markets & Applications
4. Financials
Our Mission

The Low Power Programmable Leader
Lattice Semiconductor Overview

APPLICATIONS & MARKETS
We enable secure control, flexible connectivity, and low power compute acceleration

COMMUNICATIONS & COMPUTING: 35%
INDUSTRIAL & AUTOMOTIVE: 59%
CONSUMER: 6%

APPLICATIONS & MARKETS percentages based on FY2023 revenue breakdown by reporting segment.

WORLD CLASS SUPPLIER

#1
World’s largest volume supplier of FPGA

Tier 1
Supplier with 40+ years of innovation

GROWING CUSTOMER BASE

Accton, Amazon, Bosch, BYD, Canon, Cisco, Dell, Ericsson, HP, Hewlett Packard Enterprise, Hitachi, Juniper Networks, Lenovo, Microsoft, Nokia, Panasonic, Raytheon, Samsung, Schneider Electric, Siemens, Sony, ZTE

GLOBAL SUPPORT

Applications & Markets percentages based on FY2023 revenue breakdown by reporting segment.
Lattice Executive Leadership Team

Esam Elashmawi
Interim CEO & CSMO

Sherri Luther
CFO

Pravin Desale
Research & Development

Tracy Feanny
General Counsel

Terese Kemble
Human Resources

Denis Lavallee
Mirametrix

Mark Nelson
Sales

Glenn O’Rourke
Operations & Quality
Holding Ourselves to the Highest Corporate Stewardship Standards

CULTURE OF INNOVATION

The Low Power Programmable Leader

ENVIRONMENTALLY CONSCIOUS

Operational Excellence | Supply Chain Management

INCLUSION & SOCIAL WELLBEING

Our People | Our Communities | Our Culture

GSA MOST RESPECTED PUBLIC COMPANY FOUR YEARS IN A ROW

TRANSPARENCY & INTEGRITY

Governance Principles | Ethical Standards | Continuous Improvement

STRONG & GROWING RECOGNITION FOR CLEANTECH PRODUCT INNOVATION

More information available here.
Agenda

1. Company Overview
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3. End Markets & Applications
4. Financials
Lattice Value Proposition

Smallest SIZE
Lowest POWER
Highest SECURITY
Reliable by Design
Ease of Use
Lattice FPGA Portfolio

**PLATFORM**

**DEVICE FAMILIES**

**LATTICE AVANT™**

- **Avant-E**
  - Edge-optimized Processing

- **Avant-G**
  - Cutting-edge General Purpose Processing

- **Avant-X**
  - Advanced Connectivity

**LATTICE NEXUS**

- **CrossLink-NX**
  - Embedded Vision Processing

- **Certus-NX**
  - General Purpose Processing

- **Mach-NX**
  - Next Gen Hardware Security

- **CertusPro-NX**
  - Advanced General Purpose Processing

- **MachXO5-NX**
  - Enhanced System Monitor and Control

- **MachXO5T-NX**
  - Advanced System Control

- **CrossLinkU-NX**
  - Embedded Vision Processing with USB
FPGA PLATFORM LEADERSHIP

LATTICE NEXUS™
Architected for applications requiring up to 10G SERDES and up to 100k LCs

LATTICE AVANT™
Architected for applications requiring up to 25G SERDES and up to 500k LCs

LOWER POWER
FASTER PERFORMANCE
SMALLER SIZE
Software Solution Stack Portfolio

**Low Power Edge AI**
- High Performance Inferencing Under 1W
- Supports Industry Standard ML Frameworks
- Complete Solution Enablement

**Low Power Embedded Vision**
- Flexible Image Sensor Bridging & Aggregation
- Image Processing Integration
- Complete Solution Enablement

**Cyber Resilient Root of Trust**
- Secure Hardware Creates Root-of-Trust for Systems
- Cryptographically Secured Supply Chain
- Protection Against Cloning, Counterfeiting, Trojan Insertion, & Simulation

**Accelerating Factory Automation**
- Accelerates industrial automation development
- Supports use cases like motor control, real-time networking, & predictive maintenance
- Complete solution enablement

**Enabling ORAN Deployment**
- Enables zero trust security and data protection in networks
- Flexible, Tight Fronthaul Synchronization
- Acceleration with Low Power

**Adaptable Automotive Design**
- DisplayPort connectivity
- Video scaling up to 4K
- Local dimming for contrast enhancement
- Bridging & networking
Leadership Computer Vision Capabilities

Presence Detection
Depth Sensing
3D Head & Gesture Tracking
Face ID & Landmarks Tracking
Eye Feature Detection & Tracking
Human Skeleton Detection
Object Detection

Advanced AI Technology for the Edge
Easy-to-use Software

**Powerful FPGA Design & Verification Environment**
- Easy Design Exploration
- Easy to Use Powerful Tools
- Optimized for Lattice Devices

**Best-in-class, Easy-to-use Design Software**
- Simplified Flow for Faster Design
- Increase Re-use with IP Tools
- Leading Synthesis & Simulation

**Complete Toolset for Embedded System Design**
- IP System Integration Environment
- Software Development Kit & Libraries
- Build, Compile, Analyze, Debug

**Advanced Computer Vision Software for the Edge**
- Security and Privacy Protections
- Digital Wellbeing Capabilities
- Facilitates Intelligent Collaboration & Productivity
Rapid Product Portfolio Expansion

**Software Solutions**
- sensAI™
- mVision™
- Sentry™
- Automate™
- ORAN™
- Drive™
- Propel™
- RADIANT™
- Glance™

**Mid-Range FPGAs**
- Avant-E
- Avant-G
- Avant-X
- Avant #4
- Avant #5
- Avant #6

**Small FPGAs**
- CrossLink-NX
- Certus-NX
- Mach-NX
- CertusPro-NX
- MachXO-NX
- MachXO-ST-NX
- CrossLinkU-NX
- Nexus #8

Note: Subject to change.
Positioned in Growing Markets

**COMMUNICATIONS**
- 5G Wireless
- Switches/Routers

**COMPUTING**
- Servers
- Client

**INDUSTRIAL**
- Industrial IoT
- Factory Automation

**AUTOMOTIVE**
- ADAS
- Infotainment

**CONSUMER**
- Smart Home
- On-the-Go

Leading the Industry in Low Power Programmability
Lattice Solves Communications Challenges

- Scalable Hardware Management
- Control Functions
- Datapath
- Security
- 5G ORAN
- ASIC Bridging
- PCIe Bridging

Lattice Semiconductor (NASDAQ: LSCC)
Client Computing is a Greenfield Opportunity for Lattice

- Computer Vision AI
- Enhanced Security
- Image Quality Improvement
- System Optimization
Lattice Solves Datacenter Challenges

HARDWARE ACCELERATION
- Offload
- Attestation
- Reporting

STORAGE CARD
- Key Mgmt
- Hot Swap
- Hot Plug

MOTHERBOARD
- (CPU Agnostic)

SECURE CONTROL MODULE
- BMC
- PROT / PFR
- Attestation

NETWORK CARD
- Power Control
- Reporting
- Offload

GPU CARD
- Power Control
- Reporting
- Throttling

ADD-IN CARDS
- Control
- Bridging
- Aggregation

Bridging
- I/O Expansion
- Board Control
- Power Sequence
- Signal Aggregation
- Glue Logic
- Fan Control
- Re-Timer
Lattice Solves Industrial Challenges

- Industrial Networking
- Functional Safety
- Edge Computing
- Touchless Control
- Programmable Logic Controller
- Machine Vision
- Predictive Maintenance
- Object Identification
- Motor Control
- Sensor Bridging
- Collision Avoidance
- Edge Computing
- Machine Vision
- Predictive Maintenance
- Object Identification
- Collision Avoidance
Lattice Solves Automotive Challenges

**INFOTAINMENT**
- De-Fog
- 360° Surround View
- Display Bridging
- ISP

**ADAS**
- Radar Sensor Bridging & Aggregation
- Image Sensor Bridging & Aggregation

**HYBRID/ELECTRIC**
- Inverter / Charger

**IN-CABIN AI**
- Human Presence Detection
- Driver Monitoring

**SECURITY**
- Secure Battery Mgt.
- Secure Boot

**360° Surround View**

**Human Presence Detection**

**Driver Monitoring**

**Secure Battery Mgt.**

**Secure Boot**

**Display Bridging**

**ISP**

**Radar Sensor Bridging & Aggregation**

**Image Sensor Bridging & Aggregation**
Lattice Solves Consumer Challenges

- Drones
- AR / VR
- Smart Speaker
- Video Surveillance
- Wearable
- Smart Appliance
- Consumer Robots
- Smart Doorbell
- Smart Toys
- Smart Appliances
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Lattice Semiconductor Q1 2024 Earnings Results

First quarter 2024 results came in as expected and reflect the near-term impact of cyclic industry headwinds. Despite near-term headwinds, the Company is well-positioned for the long-term as we execute on the largest product portfolio expansion in our history."

Jim Anderson, President & CEO

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**REVENUE**

<table>
<thead>
<tr>
<th>Segment</th>
<th>Q1'24 Revenue (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consumer</td>
<td>53%</td>
</tr>
<tr>
<td>COMMS &amp; COMPUTING</td>
<td>39%</td>
</tr>
<tr>
<td>INDUSTRIAL &amp; AUTOMOTIVE</td>
<td>8%</td>
</tr>
</tbody>
</table>

Quarterly revenue of $140.8M

**GROSS MARGIN**

- **INDUSTRIAL & AUTOMOTIVE**
  - YoY: -31%
  - QoQ: -25%

- **COMMS & COMPUTING**
  - YoY: -18%
  - QoQ: -7%

Declined by 130 bps YoY

**EARNINGS PER SHARE**

- **YoY**
  - Q1 2024: $0.29
  - Q1 2023: $0.51

- **43%**

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**End Market Overview**

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**Recent Product & Corporate Momentum**

- Lattice hardware and software power AI computer vision on new Dell Latitude models
- Launched latest version of Lattice ORAN™ solution stack, adding new 5G datapath features
- Enhanced Lattice Radiant software with expanded functional safety and reliability capabilities
- Received multiple industry awards for company and product leadership

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Non-GAAP based on earnings reported April 29, 2024
Q1 2024 Financial Results

**REVENUE ($M)**

-24% Revenue Growth YoY

**GROSS MARGIN (%)**

-130 bps Gross Margin Expansion YoY

**OPERATING PROFIT ($M)**

-44% Operating Profit Growth YoY

**EARNINGS PER SHARE ($)**

-43% EPS Growth YoY

Non-GAAP based on earnings reported April 29, 2024
Strong YoY Financial Execution

**REVENUE**
- Consumer
- Industrial & Auto
- Comms & Computing

Growth in Core Strategic Markets

**GROSS MARGIN**
- 2020: 61.0%
- 2021: 63.2%
- 2022: 69.1%
- 2023: 70.4%

Gross Margin Expansion

**EARNINGS PER SHARE**
- 2020: $0.70
- 2021: $1.06
- 2022: $1.76
- 2023: $2.01

EPS Expansion

**OPEX**
- SG&A
- R&D

OpEx Discipline

**OPERATING INCOME**
- 2020: 25.2%
- 2021: 30.2%
- 2022: 38.7%
- 2023: 39.8%

Record Operating Income

**NET CASH**
- $ Millions

Positive Net Cash Position

*Percentages based on non-GAAP basis. See appendix in FY23 earnings report from Feb. 12, 2024, for reconciliation to most comparable GAAP measure.
LATTICE SEMICONDUCTOR
The Low Power Programmable Leader