Corporate Overview

February 2024
Safe Harbor Statement

This presentation contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 that 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, pricing and inflationary pressures, competitive actions, market cyclicality, international trade disputes, tariffs, and sanctions, new or ongoing national or military conflicts, global pandemics, cybersecurity threats and incidents, and those risks more fully described in Item 1A in the Company’s Annual Report on Form 10-K for the fiscal year ended December 30, 2023, and as may be supplemented from time-to-time in the Company’s other filings with the Securities and Exchange Commission, all of which are expressly incorporated herein by reference. You should not 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 appendix in FY’23 earnings reports for reconciliation to most comparable GAAP measure.
Our Mission

The Low Power Programmable Leader
Lattice Semiconductor Overview

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

<table>
<thead>
<tr>
<th>COMMUNICATIONS &amp; COMPUTING</th>
<th>INDUSTRIAL &amp; AUTOMOTIVE</th>
<th>CONSUMER</th>
</tr>
</thead>
<tbody>
<tr>
<td>35%</td>
<td>59%</td>
<td>6%</td>
</tr>
</tbody>
</table>

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

GROWING CUSTOMER BASE

- Accon
- amazon
- Bosch
- BYD
- Canon
- Cisco
- Dell
- Ericsson
- Ford
- Fujitsu
- Google
- HBC
- HP
- Hitachi
- Juniper
- Lenovo
- Lockheed Martin
- Microsoft
- Nokia
- Panasonic
- Raytheon
- Samsung
- Schneider Electric
- Siemens
- Sony
- ZTE

WORLD CLASS SUPPLIER

#1
World’s largest volume supplier of FPGA

Tier 1
Supplier with 40 years of innovation

GLOBAL SUPPORT

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

Jim Anderson  
CEO

Sherri Luther  
CFO

Pravin Desale  
Research & Development

Steve Douglass  
CTO

Esam Elashmawi  
CSMO

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

TRANSPARENCY & INTEGRITY
Governance Principles | Ethical Standards | Continuous Improvement

GSA MOST RESPECTED PUBLIC COMPANY FOUR YEARS IN A ROW

STRONG & GROWING RECOGNITION FOR CLEANTECH PRODUCT INNOVATION

More information available here.
Lattice Value Proposition

Smallest SIZE

Lowest POWER

Highest SECURITY

EASE of Use

RELIABLE by Design
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

Advanced AI Technology for the Edge

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

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
- MachXO5T-NX
- MachXO5T-NX
- CrossLink-U-NX
- Nexus #8

Note: Subject to change.
Positioned in Growing Markets

Leading the Industry in Low Power Programmability

Note: Comparing similar class competitive devices.
Lattice Solves Communications Challenges

- Scalable Hardware Management
- Control Functions
- Datapath
- Security
- 5G ORAN
- ASIC Bridging
- PCIe Bridging
Lattice Solves Client Computing Challenges

- Computer Vision AI
- Enhanced Security
- Image Quality Improvement
- System Optimization

Client Computing is a Greenfield Opportunity for Lattice
Lattice Solves Datacenter Challenges

<table>
<thead>
<tr>
<th>HARDWARE ACCELERATION</th>
<th>SECURE CONTROL MODULE</th>
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<tbody>
<tr>
<td>Offload Attestation Reporting</td>
<td>BMC PROT / PFR Attestation</td>
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</tbody>
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<thead>
<tr>
<th>STORAGE CARD</th>
<th>MOTHERBOARD (CPU Agnostic)</th>
<th>NETWORK CARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Key Mgmt Hot Swap Hot Plug</td>
<td></td>
<td>Power Control Reporting Offload</td>
</tr>
</tbody>
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<table>
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<tr>
<th>GPU CARD</th>
<th>ADD-IN CARDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Control Reporting Throttling</td>
<td>Control Bridging Aggregation</td>
</tr>
</tbody>
</table>

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

- Industrial Networking
- Programmable Logic Controller
- Functional Safety
- Machine Vision
- Sensor Bridging
- Motor Control
- Edge Computing
- Touchless Control
- Predictive Maintenance
- Object Identification
- Collision Avoidance
- Machine Vision
- Edge Computing
- Touchless Control
- 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
Display Bridging
ISP
Radar Sensor Bridging & Aggregation
Image Sensor Bridging & Aggregation
Inverter / Charger
Human Presence Detection
Driver Monitoring
Secure Battery Mgt.
Secure Boot
Lattice Solves Consumer Challenges

- Drones
- AR / VR
- Smart Speaker
- Video Surveillance
- Wearable
- Smart Appliance
- Consumer Robots
- Smart Doorbell
- Smart Toys
- Smart Appliance
- Consumer Robots
- Smart Doorbell
- Smart Toys
Lattice Semiconductor FY 2023 Earnings Results Highlights

“We achieved double-digit annual revenue growth in 2023, with record gross margin and continued profit expansion. Despite near-term cyclical industry headwinds, we continue to be well positioned for the long-term with a rapidly expanding product portfolio and strong customer momentum.”

Jim Anderson, President & CEO

End Market Overview

Recent Product & Corporate Momentum

- Introduced a collaboration with NVIDIA with a new Edge AI reference platform
- Hosted inaugural Lattice Developers Conference with 5000+ registrants
- Won 4th consecutive GSA Most Respected Semi Company Award, & Best Financially Managed Semi Company Award
- Expanded by 130 bps vs FY'22
FY 2023 Financial Highlights

**REVENUE ($M)**
- 2020: 408.1
- 2021: 515.3
- 2022: 660.4
- 2023: 737.2

+12% Revenue Growth in 2023

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

+130 bps Gross Margin Expansion in 2023

**OPERATING PROFIT ($M)**
- 2020: 102.9
- 2021: 155.8
- 2022: 255.4
- 2023: 293.6

+15% Operating Profit Growth in 2023

**EARNINGS PER SHARE ($)**
- 2020: 0.69
- 2021: 1.06
- 2022: 1.75
- 2023: 2.01

+14% EPS Growth in 2023

Non-GAAP based on earnings reported Feb. 12, 2024
Strong Financial Execution

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

Growth in Core Strategic Markets

**GROSS MARGIN**

Gross Margin Expansion

**OPERATING INCOME**

Record Operating Income

**EARNINGS PER SHARE**

EPS Expansion

**OPEX**

OpEx Discipline

**NET CASH**

Positive Net Cash Position

* Percentages based on non-GAAP basis. See appendix in FY’22 earnings report for reconciliation to most comparable GAAP measure.