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,” “potential,” “continue” 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, and international trade disputes and sanctions, the on-going Covid-19 pandemic 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 31, 2022, and as may be supplemented from time-to-time in Lattice’s other filings with the Securities and Exchange Commission, 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. The Company does not intend 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, the company has provided non-GAAP financial information in this presentation, including non-GAAP gross margin, earnings per share, operating profit, 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 Q1’23 and FY’22 earnings reports for reconciliation to most comparable GAAP measure.
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

<table>
<thead>
<tr>
<th>COMMUNICATIONS &amp; COMPUTING</th>
<th>INDUSTRIAL &amp; AUTOMOTIVE</th>
<th>CONSUMER</th>
</tr>
</thead>
<tbody>
<tr>
<td>43%</td>
<td>48%</td>
<td>9%</td>
</tr>
</tbody>
</table>

APPLICATIONS & MARKETS percentages based on FY2022 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, Ford, FUJITSU, Google, HBC, HP, Hitachi, Juniper Networks, Lenovo, Microsoft, NOKIA, Panasonic, Raytheon, Samsung, Siemens, Sony, ZTE

GLOBAL SUPPORT

Applications & Markets percentages based on FY2022 revenue breakdown by reporting segment.
Lattice Executive Leadership Team

Jim Anderson
CEO

Sherri Luther
CFO

Mark Nelson
Sales

Esam Elashmawi
Strategy & Marketing

Steve Douglass
Research & Development

Glenn O’Rourke
Operations & Quality

Tracy Feanny
General Counsel

Terese Kemble
Human Resources

Denis Lavallee
Mirametrix
Holding Ourselves to the Highest ESG 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

INCLUSION & SOCIAL WELLBEING
GSA MOST RESPECTED PUBLIC COMPANY THREE 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
2. Products & Solutions
3. End Markets & Applications
4. Financials
Lattice Value Proposition

- Smallest SIZE
- Lowest POWER
- Highest SECURITY
- EASE of Use
- RELIABLE by Design
Lattice FPGA Portfolio

PLATFORM

DEVICE FAMILIES

SOLVING KEY CHALLENGES AT THE EDGE

PROCESSING DATA

ARTIFICIAL INTELLIGENCE

LATTICE AVANT™

LATTICE NEXUS

CrossLink-NX

Certus-NX

Mach-NX

CertusPro-NX

MachXO5-NX

MachXO5T-NX

Embedded Vision Processing

General Purpose Processing

Next Gen Hardware Security

Advanced General Purpose Processing

Enhanced System Monitor and Control

Advanced System Control

Lattice Semiconductor (NASDAQ: LSCC)
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
  - Complete Solution Enablement

- **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

Launched July 2023
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

MIRAMETRIX™

CLIENT

AUTOMOTIVE

INDUSTRIAL
Easy-to-use Software Tools

**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

**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
- MachXO5-NX
- MachXO5T-NX
- CrossLinkU-NX
- Nexus #8

Note: Dates subject to change.
Agenda

1. Company Overview
2. Products & Solutions
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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**

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
- System Optimization
- Image Quality Improvement

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

- **Hardware Acceleration**
- **Secure Control Module**
- **Storage Card**
- **Network Card**
- **GPU Card**

**Motherboard**
- CPU Agnostic
- Bridging
- I/O Expansion
- Board Control
- Power Sequence
- Signal Aggregation
- Glue Logic
- Fan Control
- Re-Timer

**Add-in Cards**
- BMC
- PROT / PFR
- Attestation
- Power Control
- Reporting
- Offload
- Control
- Bridging
- Aggregation

**Offload**
- Attestation
- Reporting

**Key Mgmt**
- Hot Swap
- Hot Plug

**Power Control**
- Reporting
- Throttling
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
- Functional Safety
- Motor Control
- 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

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

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

**HYBRID/ELECTRIC**
- Inverter / Charger
Lattice Solves Consumer Challenges

Drones

AR / VR

Smart Speaker

Video Surveillance

Wearable

Consumer Robots

Smart Doorbell

Smart Appliance

Smart Toys
Lattice Semiconductor Q2 2023 Earnings Results Highlights

"We continued to grow both revenue and profitability in Q2 2023 on a year-over-year basis, with revenue increasing 18%, and net income on a GAAP basis growing 14% and 23% on a non-GAAP basis. We’re driving the largest product portfolio expansion in the Company’s history, which continues to create strong customer momentum."

Jim Anderson, President & CEO

<table>
<thead>
<tr>
<th>Segment</th>
<th>Revenue (Q2'23)</th>
<th>Gross Margin</th>
<th>Earnings Per Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consumer</td>
<td>61%</td>
<td>18%</td>
<td>$0.52</td>
</tr>
<tr>
<td>Comms &amp; Computing</td>
<td>34%</td>
<td>3%</td>
<td></td>
</tr>
<tr>
<td>Industrial &amp; Automotive</td>
<td>4%</td>
<td>70.5%</td>
<td></td>
</tr>
</tbody>
</table>

Record quarterly revenue of $190.1M

Expanded by 140 bps YoY

$0.52 in Q2 2023 vs $0.42 in Q2 2023

End Market Overview

Recent Product & Corporate Momentum

- Received multiple industry awards for product and sustainability innovation
- Lattice named a Top Workplace in the technology industry
- Hosting Virtual Developers Conference Dec. 5-7, 2023
- Detailed continued progress toward long-term strategy at Analyst & Investor Day 2023
- Non-GAAP based on earnings reported July 31, 2023
Q2 2023 Financial Highlights

**REVENUE ($M)**

- 1Q20: 97.3
- 2Q20: 100.6
- 3Q20: 103.0
- 4Q20: 107.2
- 1Q21: 125.9
- 2Q21: 131.9
- 3Q21: 141.8
- 4Q21: 150.5
- 1Q22: 161.4
- 2Q22: 172.5
- 3Q22: 176.0
- 4Q22: 184.3
- 1Q23: 190.1

**GROSS MARGIN (%)**

- 1Q20: 59.8%
- 2Q20: 61.3%
- 3Q20: 61.5%
- 4Q20: 61.6%
- 1Q21: 61.7%
- 2Q21: 61.8%
- 3Q21: 61.9%
- 4Q21: 62.1%
- 1Q22: 62.3%
- 2Q22: 62.5%
- 3Q22: 62.7%
- 4Q22: 62.9%
- 1Q23: 63.6%

**OPERATING PROFIT ($M)**

- 1Q20: 22.0
- 2Q20: 25.0
- 3Q20: 27.3
- 4Q20: 28.8
- 1Q21: 32.4
- 2Q21: 36.7
- 3Q21: 40.1
- 4Q21: 44.6
- 1Q22: 51.6
- 2Q22: 61.6
- 3Q22: 68.5
- 4Q22: 70.7
- 1Q23: 75.6
- 2Q23: 76.0

**EARNINGS PER SHARE ($)**

- 1Q20: 0.15
- 2Q20: 0.17
- 3Q20: 0.19
- 4Q20: 0.19
- 1Q21: 0.22
- 2Q21: 0.25
- 3Q21: 0.28
- 4Q21: 0.32
- 1Q22: 0.37
- 2Q22: 0.42
- 3Q22: 0.49
- 4Q22: 0.51
- 1Q23: 0.54
- 2Q23: 0.63

**Revenue Growth YoY**

- +18%

**Gross Margin Expansion YoY**

- +140 bps

**Operating Profit Growth YoY**

- +23%

**EPS Growth YoY**

- +24%

Non-GAAP based on earnings reported July 31, 2023.
Strong Financial Execution

**REVENUE**

- Consumer
- Industrial & Auto
- Comms & Computing

Growth in Core Strategic Markets

- 2020:
- 2021:
- 2022:

**GROSS MARGIN**

- 2020: 61.0%
- 2021: 63.2%
- 2022: 69.1%

Gross Margin Expansion

**OPERATING INCOME**

- 2020: 25.2%
- 2021: 30.2%
- 2022: 38.7%

Record Operating Income

**EARNINGS PER SHARE**

- 2020: $0.69
- 2021: $1.06
- 2022: $1.75

EPS Expansion

**OPEX**

- SG&A: 19.2%
- R&D: 18.4%

OpEx Discipline

- 2020:
- 2021:
- 2022:

**NET CASH**

- 2020: $11.6
- 2021: ($26.4)
- 2022: $17.0

Positive Net Cash Position

* Percentages based on non-GAAP basis. See appendix in FY’22 earnings report for reconciliation to most comparable GAAP measure.
LATTICE SEMICONDUCTOR
The Low Power Programmable Leader