The Low Power Programmable Leader

Corporate Overview

May 2026

Safe Harbor Statement

Forward-Looking Statements: This presentation contains 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 and Section 21E of the Securities Exchange Act of 1934. Any statements about our expectations, beliefs, plans, objectives, assumptions or future events or performance are forward-looking and involve estimates, assumptions, risks and uncertainties. Such forward-looking statements include without limitation statements regarding: revenue; EPS growth; gross margin and operating expense projections; our future financial performance and related drivers; our expectations related to the general market, market recovery, and growth (including AI and datacenter-related growth); attach rates and ASPs, our share repurchase program; and the guidance on the slide discussing Business Outlook . 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,” “outlook,” “predict,” “propose,” “potential,” “continue” or the negative of these terms or other comparable terminology. Factors that could cause actual results to differ materially include, among others: global economic conditions which may affect customer demand; the cyclical nature of the semiconductor industry including fluctuating customer and distributor purchasing patters, inventory levels, and order timing; pricing and inflationary pressures; competitive actions; international trade disputes and sanctions; the impact of tariffs, trade restrictions, export controls, license requirements or similar actions on us, our suppliers, distributors, and customers (including the effect on costs and demand); potential impacts of global pandemics; changes in product mix and pricing; changes in wafer, assembly, test and other costs; manufacturing yields; our ability to sustain operational improvements; and the actual amount of compensation charges due to stock price changes; and those risks more fully described in in our filings with the Securities and Exchange Commission, including in our most recent Annual Report on Form 10-K.

This presentation also includes forward-looking statements regarding Lattice Semiconductor’s pending acquisition of AMI, including statements about the expected benefits of the transaction, the expansion of our addressable market, future product and solution opportunities, anticipated accretion to margins, free cash flow and earnings, and support for future revenue growth. References to accretion, profitability, margins, free cash flow, earnings, or revenue growth related to the AMI acquisition are based on management’s current expectations and assumptions, apply solely on a non-GAAP basis unless otherwise stated, and involve inherent uncertainty. These statements are subject to risks and uncertainties, including the satisfaction of closing conditions, receipt of regulatory approvals, timing and completion of the transaction, integration risks, retention of key personnel, realization of anticipated synergies, and the possibility that the transaction does not close or does not deliver the anticipated results.

You should not rely on forward-looking statements because actual results could differ materially. Any forward-looking statement speaks only as of the date made. We do not intend to, and undertake no obligation to, update or revise any such statements.

Use of Non-GAAP Financial Information: This presentation includes Non-GAAP measures (e.g., Non-GAAP gross margin, operating expenses, EPS, adjusted EBITDA, free cash flow). These measures are not a substitute for GAAP and should be considered together with our GAAP results. Management uses these measures for evaluating the business and believes they are useful to investors for informational and comparative purposes. See our latest earnings materials for reconciliations to the most directly comparable GAAP measures.

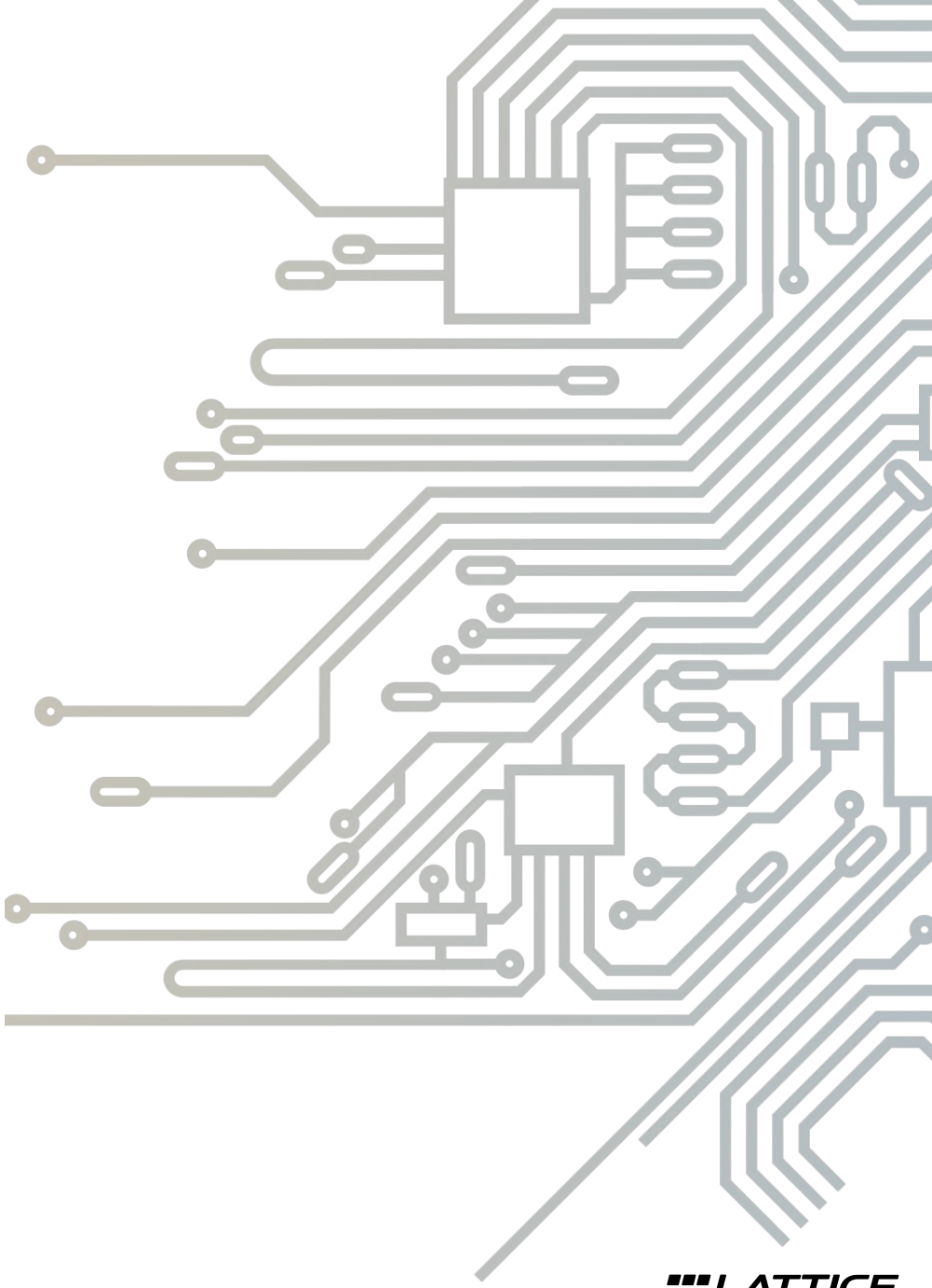
Agenda

1 **Company Overview**

2 Products & Solutions

3 End Markets & Applications

4 Financials



Our Mission

LATTICE SEMICONDUCTOR

To Be the Low Power Programmable Leader

DIFFERENTIATED
FPGA Platform Optimized for Small and Mid-range

DIVERSIFIED
Across Largest and Fastest Growing Applications

DELIVERING
Faster Than Industry Growth

Lattice Semiconductor Overview

APPLICATIONS & MARKETS

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

COMPUTE & COMMUNICATIONS

62%

INDUSTRIAL & EMBEDDED

38%

WORLD CLASS SUPPLIER

#1
World's largest volume supplier of FPGA

Tier 1
Supplier with 40+ years of innovation

GROWING CUSTOMER BASE

ABB, Accton, amazon, BOSCH, BYD, Canon, cisco, DELL, DESAY SV, ERICSSON, Ford, FUJITSU, Google, hp, Hewlett Packard Enterprise, HITACHI, INOVANCE, Juniper Networks, Lenovo, Lockheed Martin, Meta, Microsoft, Mitsubishi, NOKIA, Panasonic, Raytheon, SAMSUNG, Schneider Electric, SIEMENS, SONY

GLOBAL SUPPORT

Applications & Markets percentages based on Q12026 revenue breakdown by reporting segment.

Holding Ourselves to the Highest Corporate Stewardship Standards

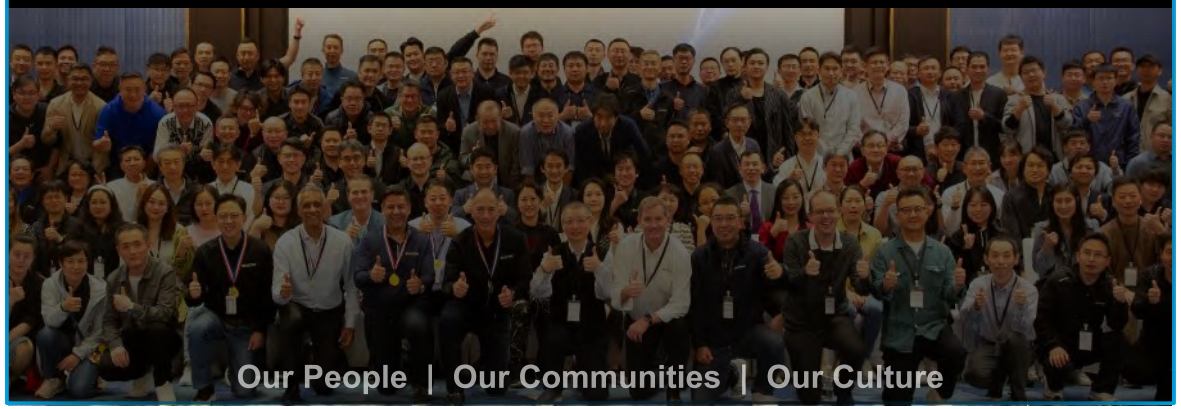
CULTURE OF INNOVATION

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 FIVE YEARS IN A ROW

STRONG & GROWING RECOGNITION FOR CLEANTECH PRODUCT INNOVATION

More information available here

Lattice Executive Leadership Team

Ford Tamer
CEO

Pravin Desale
Research & Development

Esam Elashmawi
CSMO

Tracy Feanny
General Counsel

Lorenzo Flores
CFO

Divyesh Shah
Operations & Quality

Erhaan Shaikh
Sales

Nicole Singer
Human Resources

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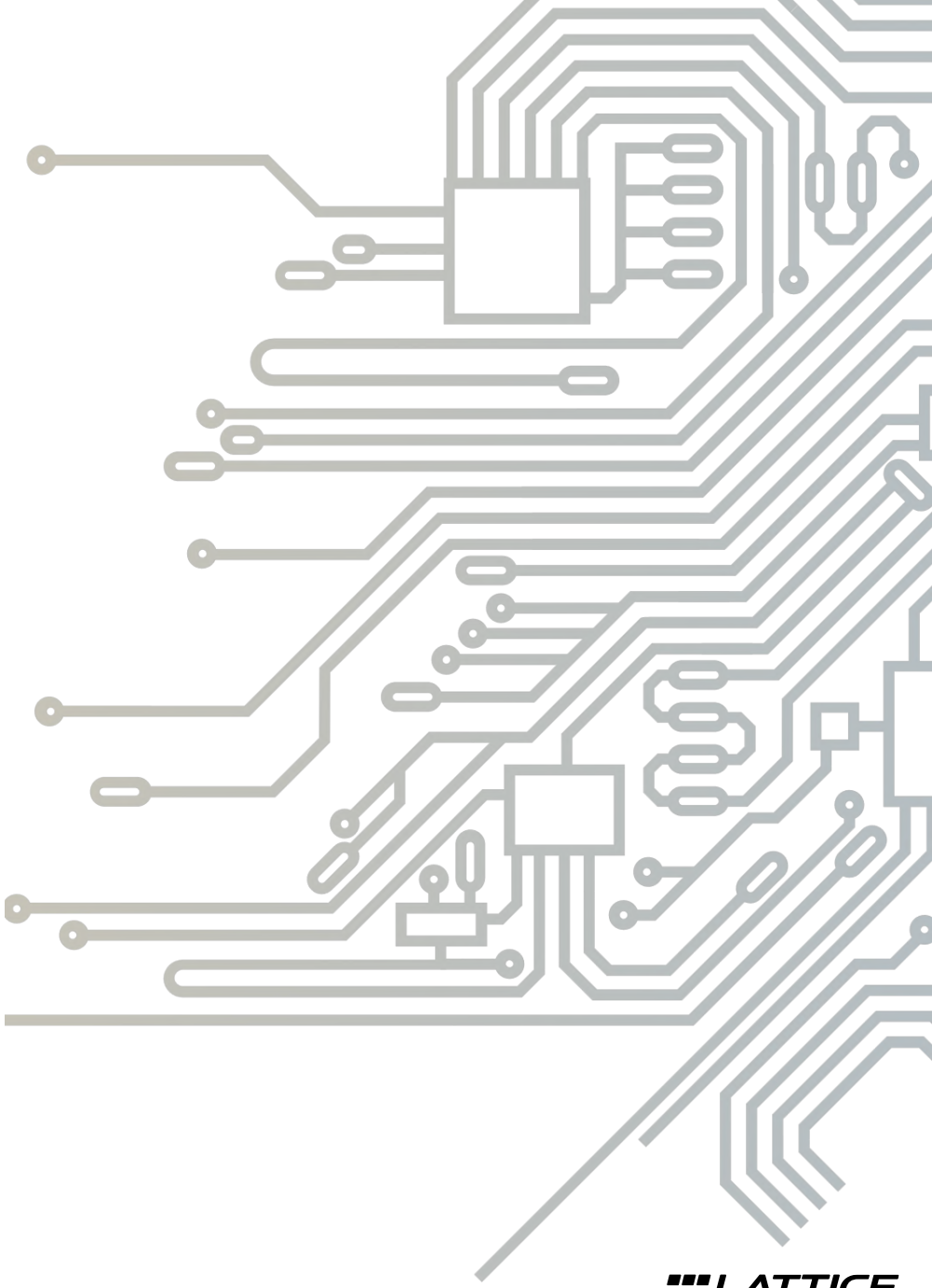
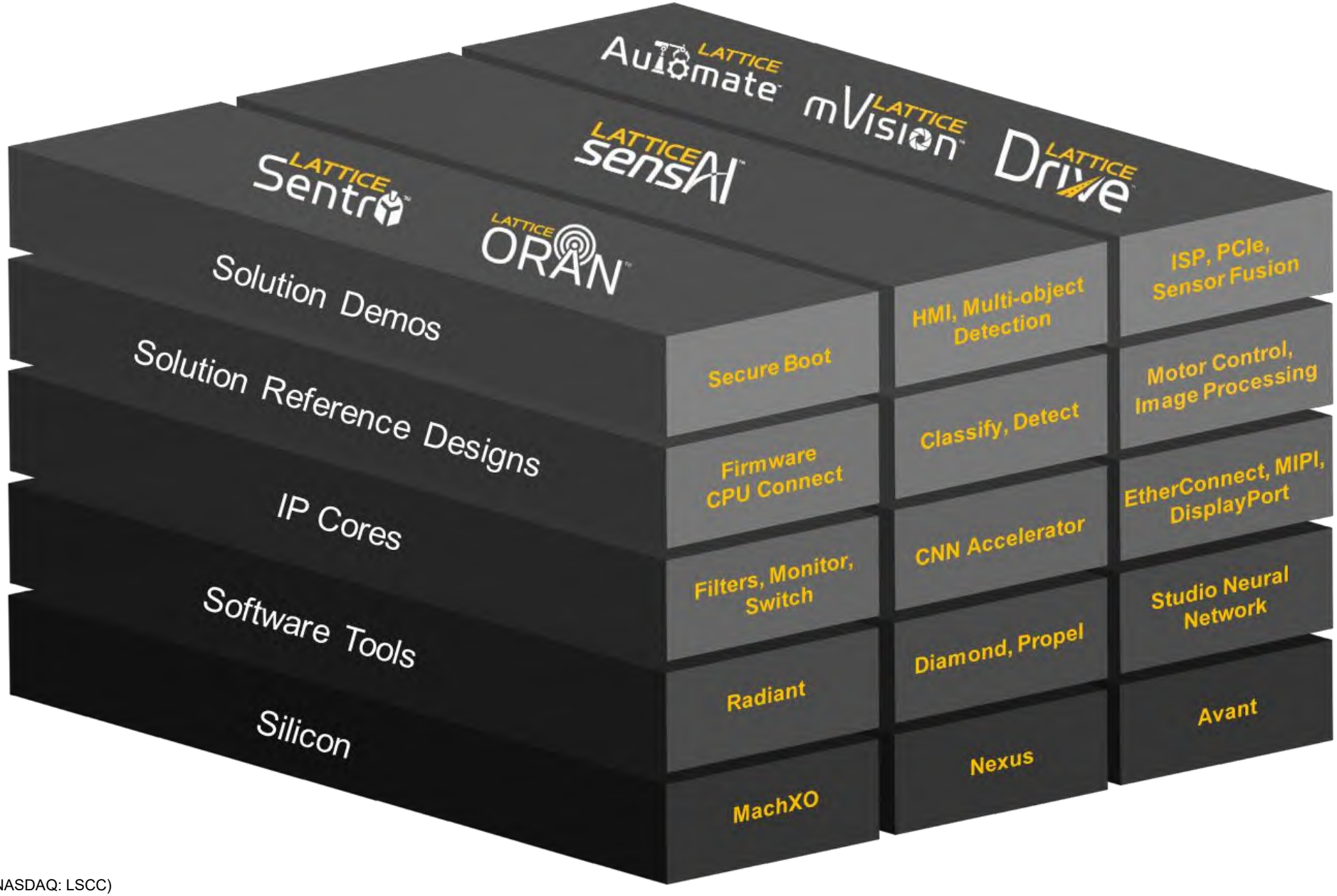


Lattice Value Proposition

LATTICE SEMICONDUCTOR

The Low Power Programmable Leader

Lattice Committed to Provide Best FPGA Platform for Developers



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 2™

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

MachXO5™-NX TDQ

Industry 1st PQC-Enabled FPGA

FPGA Platform Leadership

Architected for applications requiring up to 16G SERDES and up to 200k LCs

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

LOWER POWER

FASTER PERFORMANCE

SMALLER SIZE

Software Solution Stack Portfolio

Lattice sensAI™

Low Power Edge AI

High Performance Inferencing Under 1W

Supports Industry Standard ML Frameworks

Complete Solution Enablement

Lattice mVision™

Low Power Embedded Vision

Flexible Image Sensor Bridging & Aggregation

Image Processing Integration

Complete Solution Enablement

Lattice Sentry™

Cyber Resilient Root of Trust

Secure Hardware Creates Root-of-Trust for Systems

Cryptographically Secured Supply Chain

Protection Against Cloning, Counterfeiting, Trojan Insertion, & Simulation

Lattice Automate™

Accelerating Factory Automation

Accelerates industrial automation development

Supports use cases like motor control, real-time networking, & predictive maintenance

Complete solution enablement

Lattice ORAN™

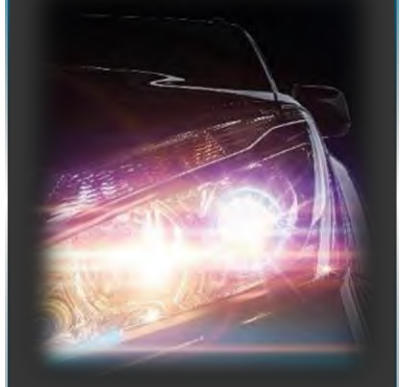
Enabling ORAN Deployment

Enables zero trust security and data protection in networks

Flexible, Tight Fronthaul Synchronization

Acceleration with Low Power

Lattice Drive



Adaptable Automotive Design

DisplayPort connectivity

Video scaling up to 4K

Local dimming for contrast enhancement

Bridging & networking

Easy-to-use Software

LATTICE DIAMOND™ DESIGN SOFTWARE

Powerful FPGA Design & Verification Environment

Easy Design Exploration

Easy to Use Powerful Tools

Optimized for Lattice Devices

LATTICE RADIANT™ DESIGN SOFTWARE

Best-in-class, Easy-to-use Design Software

Simplified Flow for Faster Design

Increase Re-use with IP Tools

Leading Synthesis & Simulation

LATTICE PROPEL™

Complete Toolset for Embedded System Design

IP System Integration Environment

Software Development Kit & Libraries

Build, Compile, Analyze, Debug

Glance by MIRAMETRIX®

Advanced Computer Vision Software for the Edge

Security and Privacy Protections

Digital Wellbeing Capabilities

Facilitates Intelligent Collaboration & Productivity

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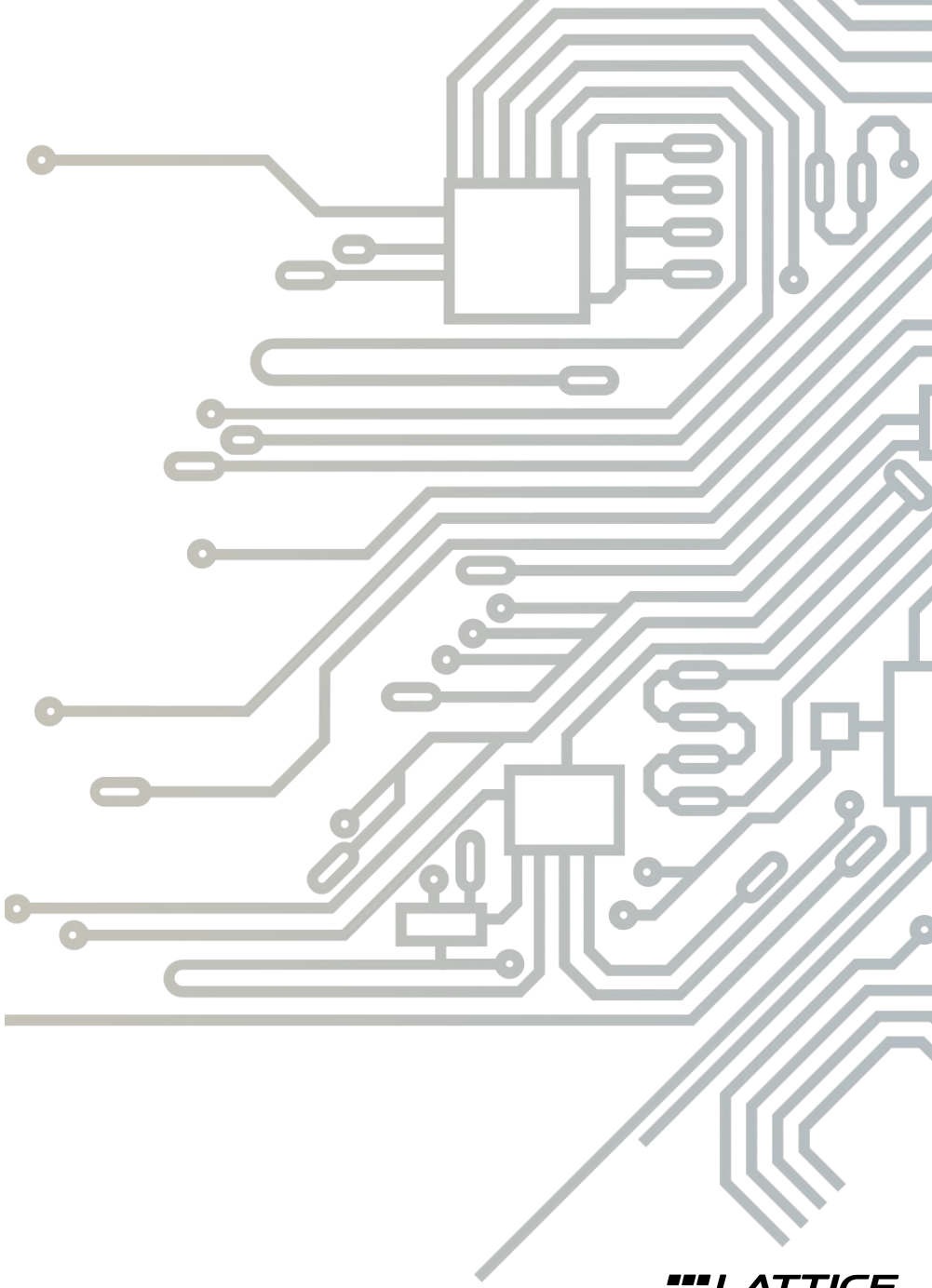


Innovation Leadership From Edge to Cloud

COMPUTE

aws · DELL Technologies · Google · H3C · Hewlett Packard Enterprise · Lenovo · Meta · Microsoft · NetApp · SUPERMICRO

Leading Server & Cloud Providers

COMMUNICATIONS

Adtran · ARISTA · ciena · cisco · ERICSSON · FUJITSU · JUNIPER NETWORKS · NEC · NOKIA · SAMSUNG

Leading Comms OEMs

INDUSTRIAL

ABB · EMERSON · Honeywell · OMRON · Panasonic · Rockwell Automation · Schneider Electric · SIEMENS

Leading Industrial OEMs

EMBEDDED

AIRBUS · BECKHOFF · BYD · Canon · GENERAL DYNAMICS · GE Healthcare · HITACHI · TESLA · THALES · TOYOTA

Leading Embedded System Providers

Lattice is the #1 Supplier for Small FPGAs Worldwide

Automotive deployments in select models via direct or tier one engagements

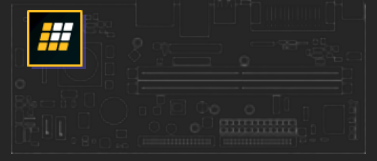
LATTICE SEMICONDUCTOR

Lattice Solves Datacenter Challenges

HARDWARE ACCELERATION

Offload
Attestation
Reporting

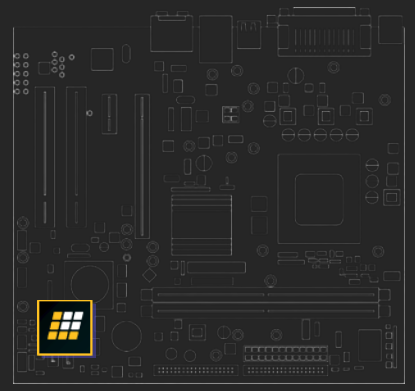
SECURE CONTROL MODULE



BMC
PROT / PFR
Attestation

MOTHERBOARD

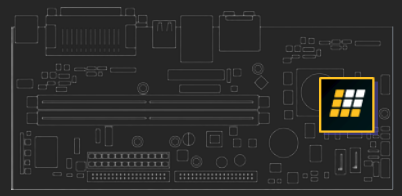
(CPU Agnostic)



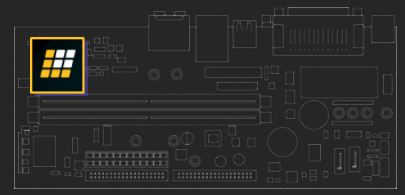
Bridging
I/O Expansion
Board Control
Power Sequence
Signal Aggregation
Glue Logic
Fan Control
Re-Timer

STORAGE CARD

Key Mgmt
Hot Swap
Hot Plug



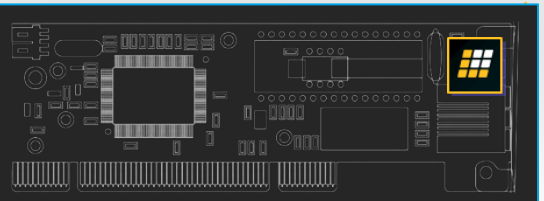
NETWORK CARD



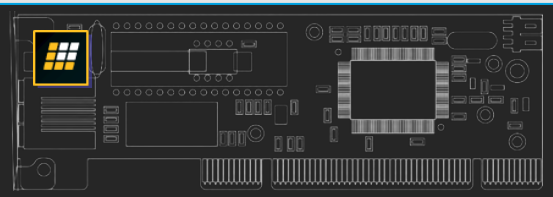
Power Control
Reporting
Offload

GPU CARD

Power Control
Reporting
Throttling



ADD-IN CARDS



Control
Bridging
Aggregation

Lattice Solves Communications Challenges

Scalable Hardware Management

5G ORAN

Control Functions

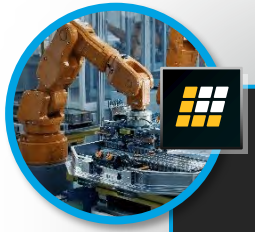
Datapath

Security

ASIC Bridging

PCIe Bridging

Lattice Solves Industrial Challenges



Smart Factory

Collision Avoidance
Edge Computing
Functional Safety
Industrial Networking
Machine Vision
Motor Control
Predictive Maintenance
Programmable Logic Control
Object Identification
Sensor Fusion
Robotics

Test & Measurement

High-Speed Data Acquisition
Signal Processing
Emulation and Validation
Pattern Generation and Analysis
Timing Analysis
Error Detection and Correction
Jitter and Noise Measurement
Power Analysis
Temperature and Stress Testing
Portables and Handhelds

Medical

Digital Endoscopy Systems
MRI and CT Image Processing
Ultrasound Signal Processing
Electrocardiogram Signal Processing
X-ray Processing
Blood Analysis Equipment
Health Monitors
Robotic Surgery Assistants
Secure Medical Data Processing
Patient Monitoring Systems

Aerospace & Defense

Radar Signal Processing
Avionics Control Systems
Digital Beamforming
Satellite Communications
GPS and Navigation Systems
Infrared and Optical Image Processing
Ruggedized Systems for Harsh Environments
Secure Communications

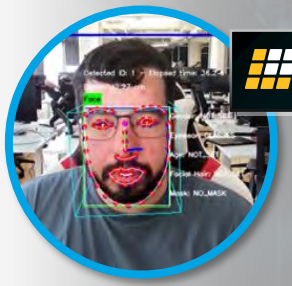
Broadcast / ProAV

Video Encoding/Decoding
Live Video Streaming
High-Resolution Video Processing
Video Scaling and De-interlacing
Color Correction and Enhancement
Image Stabilization
Audio Processing and Mixing
Multi-Protocol Bridging
Real-Time Graphics Overlays
Low-Latency Switching

Lattice Solves Human Machine Interface Challenges

Gesture Detection

Person Detection



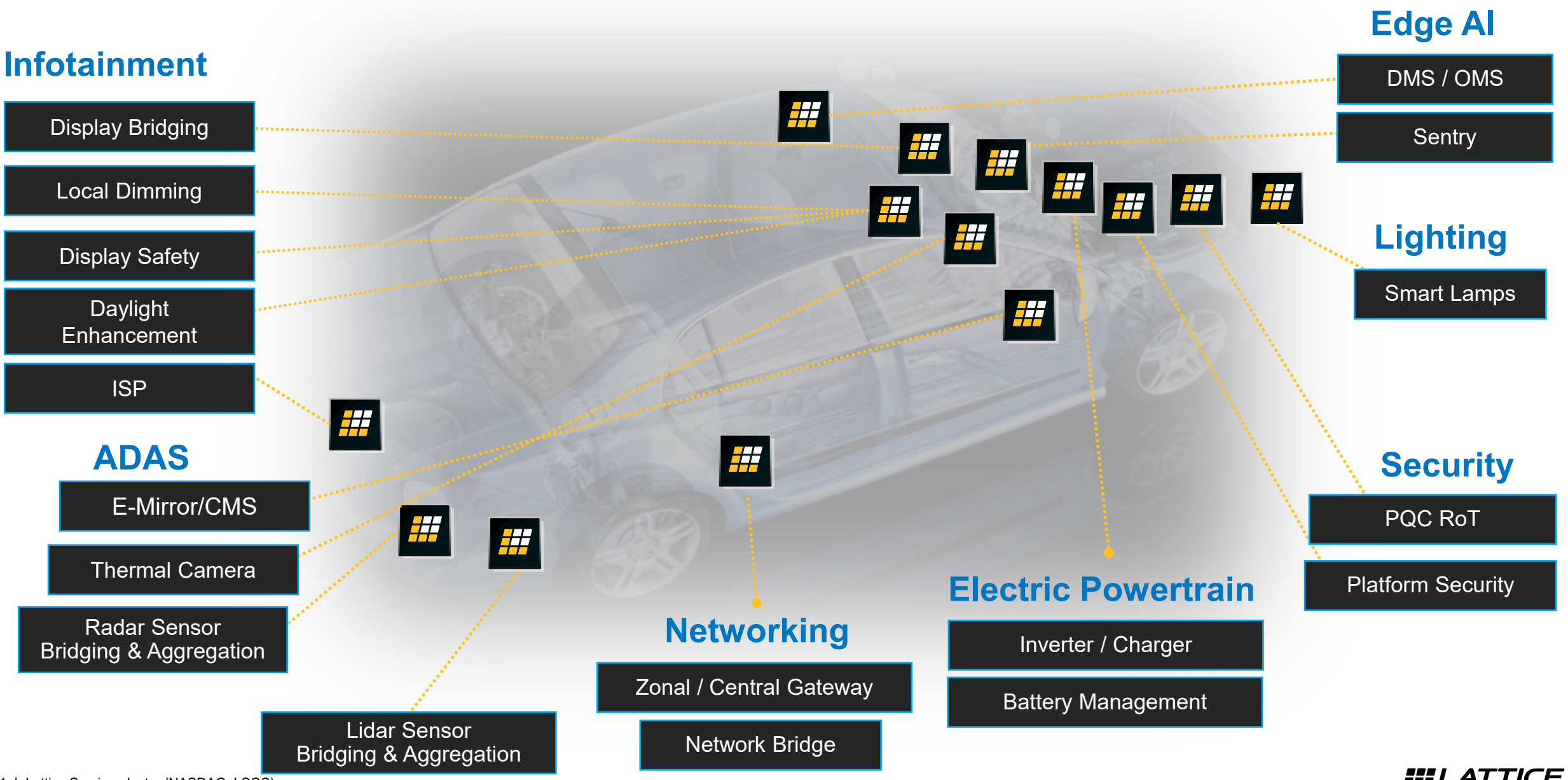
Attention Sensing

Enhanced Security

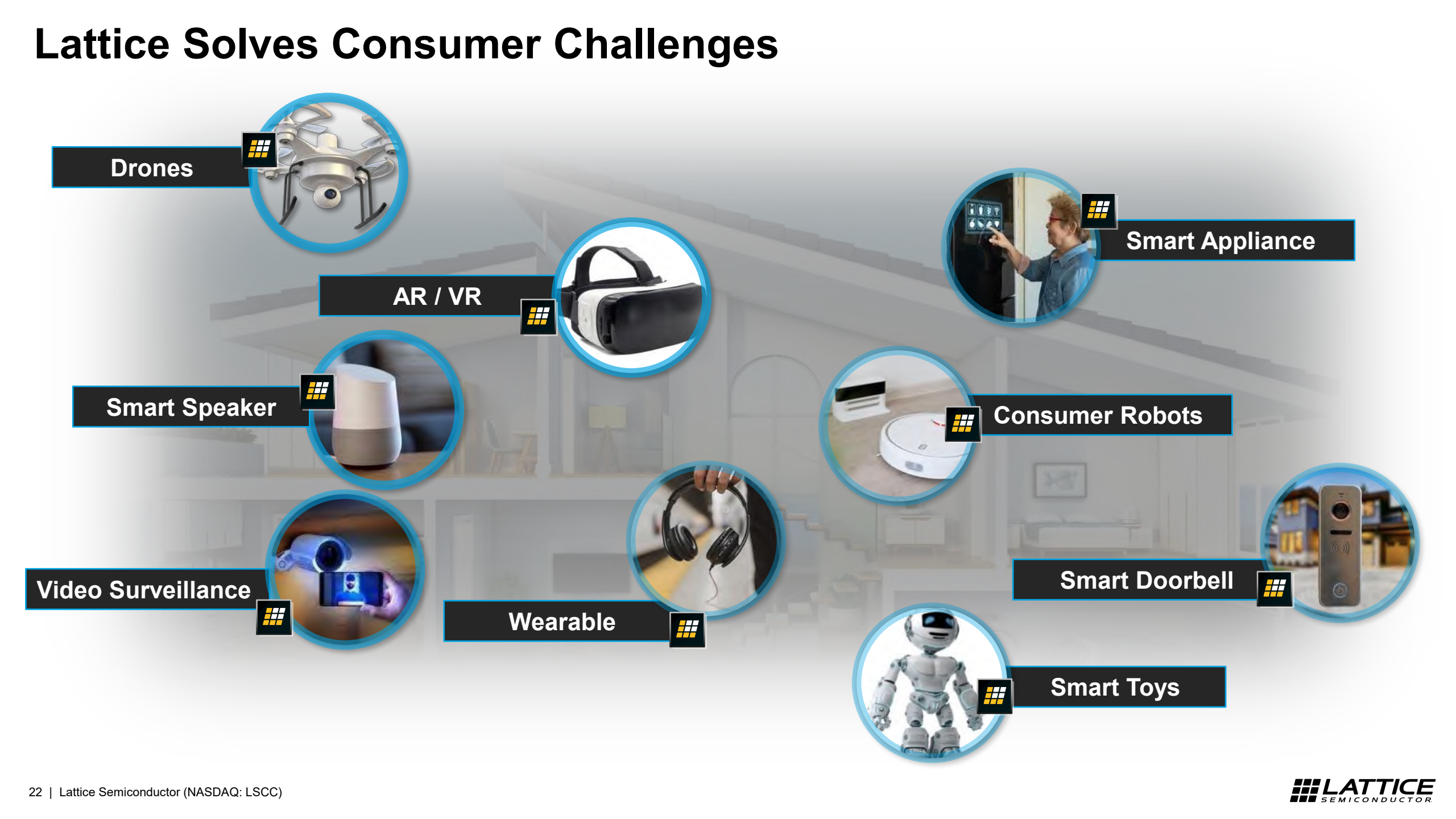
Driver Monitoring

Audio/Visual User ID

Lattice Solves Automotive Challenges



Lattice Solves Consumer Challenges



Lattice Drives AI Innovation

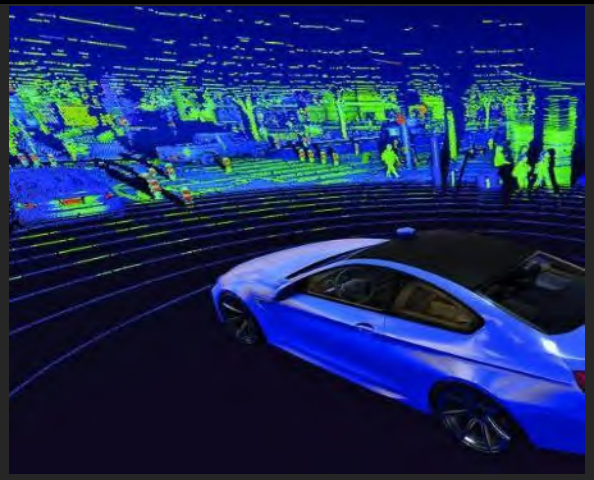
Gen AI Servers

Leading Control and Security in AI Servers

Up to >50 FPGAs per server rack

Deployed at majority of Hyperscalers and OEM/ODMs

Sensor Proliferation

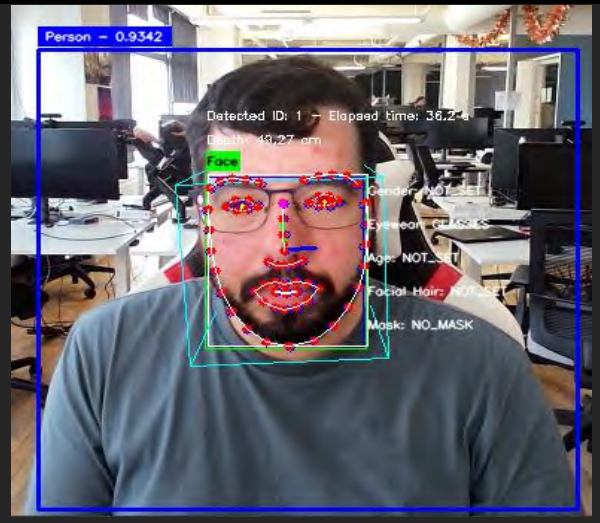


Data Fusion and Optimized Streaming

Partnership with Nvidia to simplify sensor connectivity

Diverse sensor connectivity in autonomous systems

Intelligent Edge



Human Machine Interfacing

Advanced computer vision experiences enabling security, privacy, safety, and wellbeing

Shipped 40M+ units at top PC OEM; Expanding in Adjacent Markets

Enabling AI From Hybrid Cloud to the Intelligent Edge with Low Power FPGAs and Software

Lattice Drives Vision Innovation

Robotics

Sensor Streaming & Processing in Robotics

Camera, Radar, and Lidar Bridging and Aggregation

Synchronization and Real-Time Low Power Edge Processing

ADAS & Infotainment

ADAS and Display Bridging & Processing

Camera and Sensor Streaming; Power Optimized Processing

Display Connectivity and Video Quality Enhancement

Streaming Media

Machine Vision & Video Transmission

Low Latency High Performance Machine Vision and Control

Networked Video Transmission Across Enterprise and WAN

Enabling Autonomous Machines and Rich Media with Low Power FPGAs and Software

Lattice Drives Security Innovation

Strong RoTs

Unique FPGA Based Hardware Roots of Trust

Integrated Lockable Dual-Boot Flash – Undeniable Service

Hardened NIST Qualified Cryptographic Algorithms

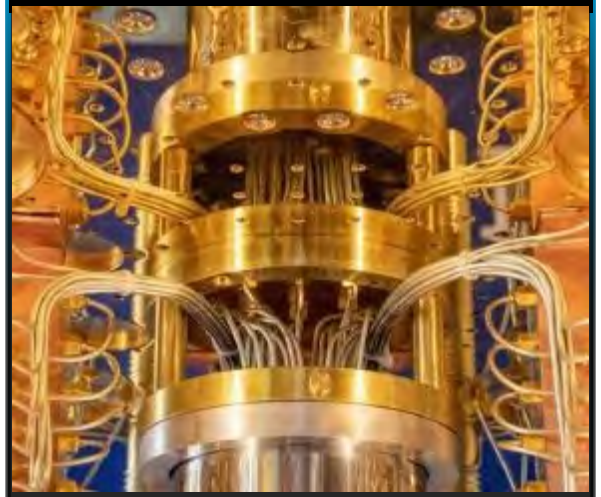
Cyber Resiliency

Cyber Resilient Pioneers

Processor Independent Platform Firmware Resiliency (PFR)

Cyber Resilience Act (CRA) Ready

Post Quantum



Post Quantum Crypto (PQC) Agility

PQC Ready With Latest NIST Approved PQC Algorithms

Crypto-Agility For In-field Updates & Upgrades as PQC Evolves

Enabling Next Generation Dynamic Security – Multi-channel Real-time System Protections

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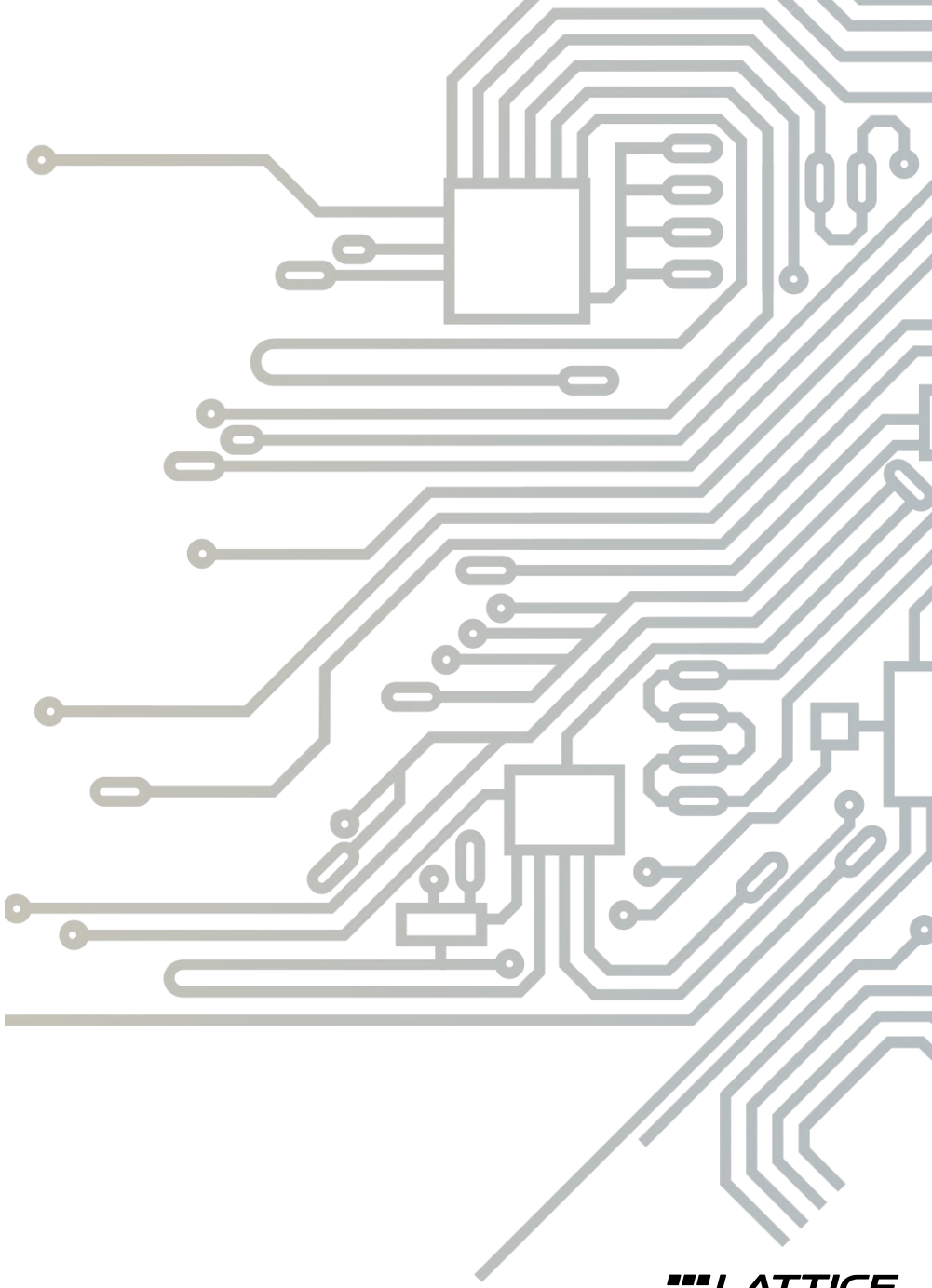


Lattice Q1 2026 Earnings Overview & Recent Highlights

REVENUE

$170.9M

42% Growth YoY

GROSS MARGIN

70.0%

EBIDTA

39.6%

EPS

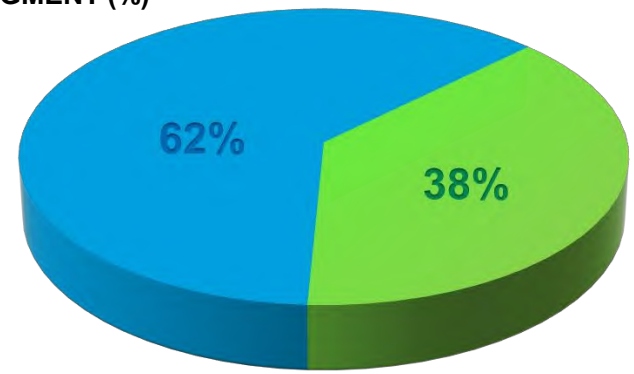
$0.41

86% Growth YoY

"We delivered record first quarter revenue growth, led by increased demand across all of our end markets. As we had committed, we grew Non-GAAP earnings faster than revenue, achieving 86% year over year EPS growth. Our Compute and Communications business achieved record revenue, while our Industrial and Embedded business growth exceeded 20% quarter over quarter. When taken together with our strong backlog, continued design win momentum and leadership in small and mid-range FPGAs, we believe we are in the early stages of a multi-year growth cycle and are well positioned to deliver sustained, above-market growth in 2026 and beyond." – Ford Tamer, CEO

End Market Overview

Q1'26 REVENUE BY SEGMENT (%)



COMPUTE & COMMUNICATIONS

+86% YoY | +15% QoQ

INDUSTRIAL & EMBEDDED

+2% YoY | +21% QoQ

RECORD REVENUE

Highlights

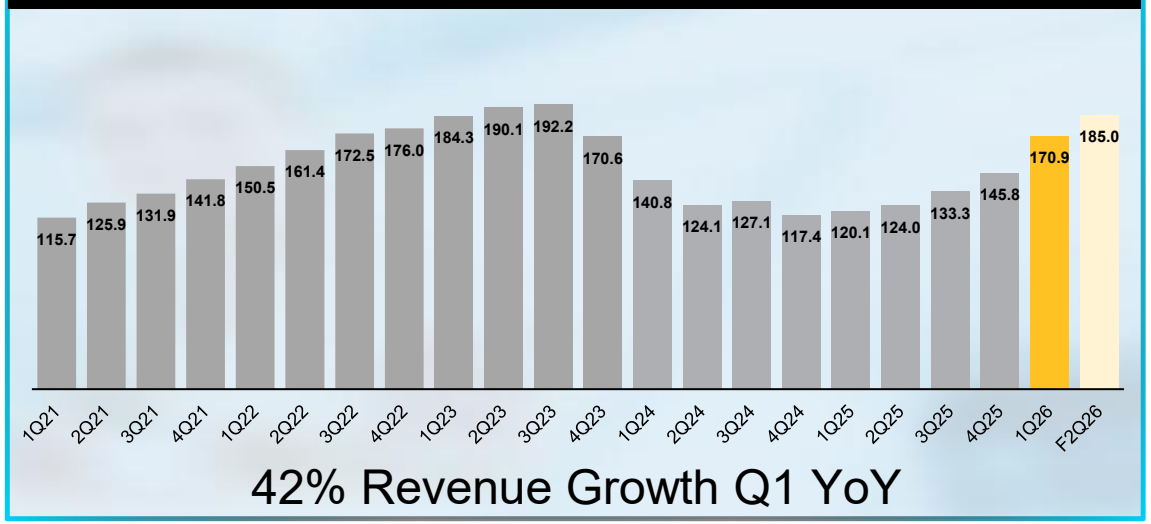
- **Record New Product Revenue Growth:** Revenue of new products continues to expand, led by AI-related server demand.
- **Signed a Definitive Agreement to Acquire AMI**, creating the industry's most complete secure management and control platform.
- **Joined the NVIDIA Halos AI Systems Inspection Lab ecosystem**, to advance safety for physical AI with NVIDIA and other Halos ecosystem members.
- **Announced Collaboration with Texas Instruments** to accelerate Edge AI for robotics and industrial applications leveraging the Lattice + Nvidia Holoscan Sensor Board Solution.
- **Recognized with Various Industry Honors**, including:
  - USA TODAY's Top Workplace in 2026 list
  - Embedded Computing Design's Best in Show award at embedded world 2026
  - Multiple 2026 Globee Cybersecurity Awards, 2026 Cybersecurity Excellence Awards, and 2026 Global InfoSec awards from Cyber Defense Magazine

Non-GAAP based on earnings reported May 4, 2026.
Non-GAAP measures are for informational purposes and should be considered together with GAAP. See latest earnings materials for reconciliations.
Forward-looking statements apply. See 'Safe Harbor Statement'

LATTICE SEMICONDUCTOR

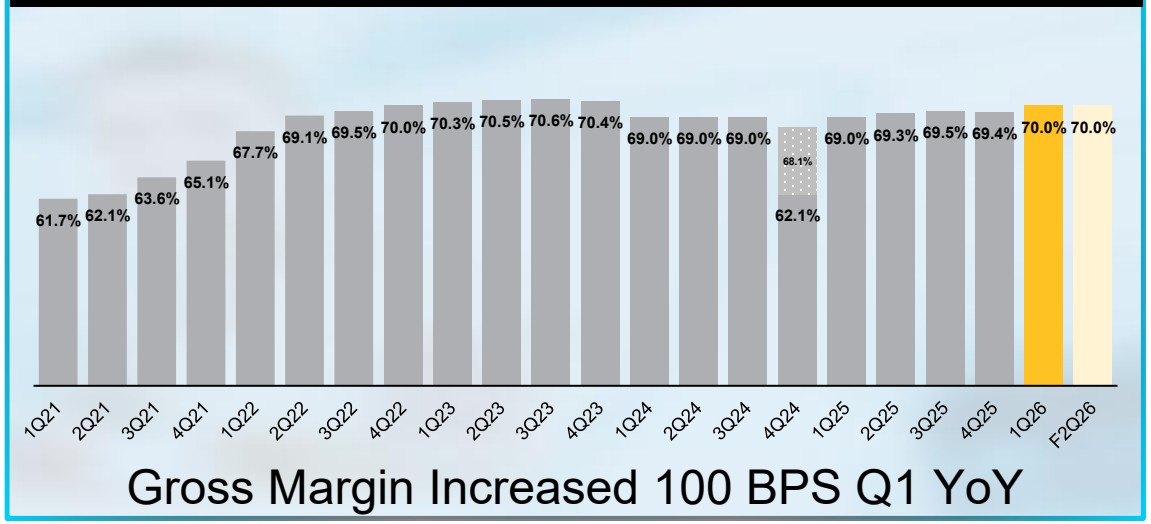
Lattice Q1 2026 Financial Results

REVENUE ($M)



42% Revenue Growth Q1 YoY

GROSS MARGIN (%)

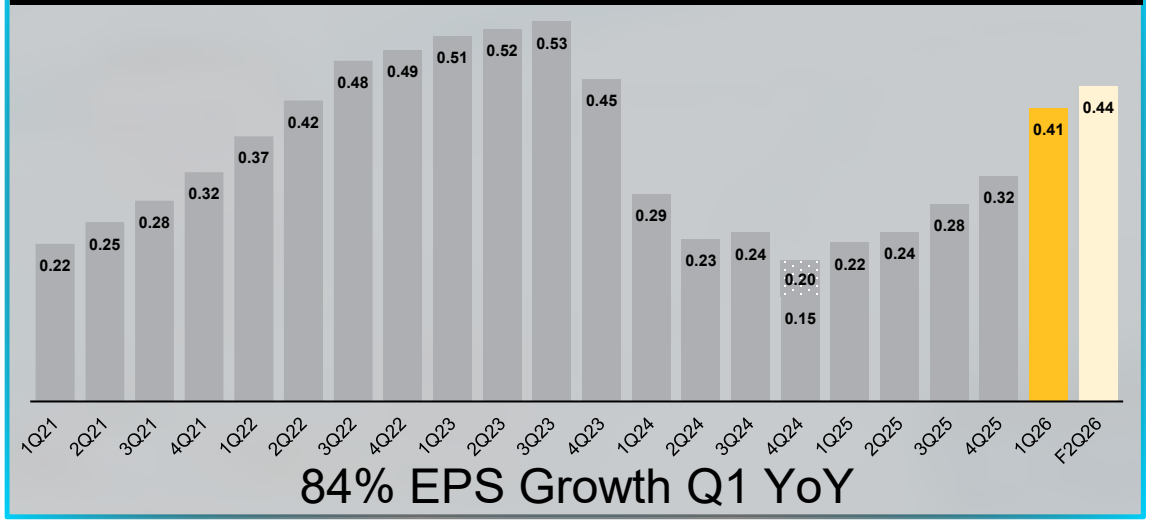


Gross Margin Increased 100 BPS Q1 YoY

OPERATING PROFIT ($M)

86% Operating Profit Growth Q1 YoY

EARNINGS PER SHARE ($)



84% EPS Growth Q1 YoY

*Non-GAAP based on earnings reported May 4, 2026; Q4'24 shown with and without a one-time $7M COGS expense. Q226 reflects mid-point guidance provided May 4, 2026.

LATTICE SIGNS DEFINITIVE AGREEMENT TO ACQUIRE AMI

- **Addresses datacenter modularity, complexity, uptime, and deployment challenges**
- **Adds to Lattice position in manageability, server, AI, and cloud and doubles SAM**
- **Creates the most complete secure management and control platform**
- **Maintains agnostic companion chip and solution commitment to partner ecosystem**
- **Amplifies customer success with both Lattice FPGAs and AMI solutions**
- **Immediately accretive to gross margin, free cash flow, and EPS on a non-GAAP basis**
- **Supports $1 billion+ annual revenue run rate by Q4 2026**
- **Accelerates medium to long-term growth with new solution roadmap**

Statements regarding accretion, revenue growth, SAM and market expansion, and future financial performance are forward-looking statements that involve risks and uncertainties. Actual results may differ materially. See 'Forward-Looking Statements' for additional information.
Visit https://ir.latticesemi.com/ for more information.


LATTICE
SEMICONDUCTOR
The Low Power Programmable Leader