Corporate Overview

August 2025

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 our strategy; product roadmap; new applications of our products; long-term financial model; revenue growth; continued strength of financial performance, design win growth; market recovery and improvement; inventory levels, new greenfield growth opportunities; our market position; 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, the impact of tariffs, 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, adjusted EBITDA, adjusted EBITDA margin, R&D expense, *non-GAAP income tax rate*, *non-GAAP net income*, SG&A expense, free cash flow margin, 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 Q2'25 earnings report for reconciliation to most comparable GAAP measure.

Trademarks – General Notice

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
45%

INDUSTRIAL & AUTOMOTIVE
46%

CONSUMER
9%

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, NOKIA, Panasonic, Raytheon, SAMSUNG, Schneider Electric, SIEMENS, SONY

GLOBAL SUPPORT

Applications & Markets percentages based on FY2024 revenue breakdown by reporting segment.

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

Holding Ourselves to the Highest Corporate Stewardship Standards

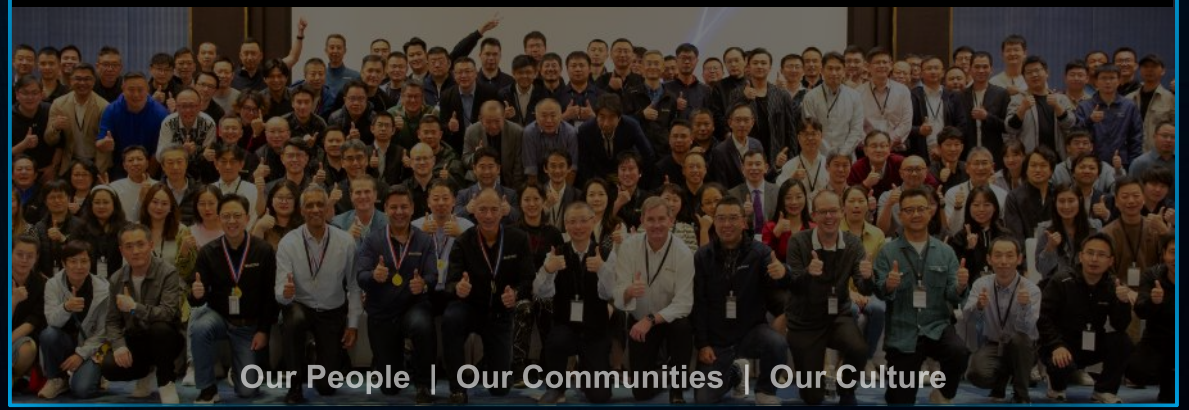
CULTURE OF INNOVATION

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.

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Lattice Value Proposition

LATTICE SEMICONDUCTOR®

The Low Power Programmable Leader

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

LAUNCHED DEC. 2024

ADVANCED GENERAL PURPOSE SMALL FPGAs

SYSTEM EXPANDABILITY

SECURE BRIDGING

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

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

RAPID PRODUCT PORTFOLIO EXPANSION

SOFTWARE SOLUTIONS

- LATTICE sensAI™
- LATTICE mVision™
- LATTICE Sentry™
- LATTICE Automate™
- LATTICE ORAN™
- LATTICE Drive™
- LATTICE DIAMOND DESIGN SOFTWARE
- LATTICE PROPEL™
- LATTICE RADIANT™ DESIGN SOFTWARE

IN DEVELOPMENT

MID-RANGE FPGAs

- Avant-E
- Avant-G
- Avant-X
- Avant #4
- Avant #5
- Avant #6

IN DEVELOPMENT

SMALL FPGAs

- Certus-N2
- Nexus 2 #2
- Nexus 2 #3
- Nexus 2 #4
- ...
- Nexus 2 #N

IN DEVELOPMENT | IN PLANNING

- CrossLink-NX
- Certus-NX
- Mach-NX
- CertusPro-NX
- MachXO5-NX
- MachXO5T-NX
- CrossLinkU-NX
- MachXO5D-NX
- Nexus #9

IN DEVELOPMENT

Note: Subject to change.

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Innovation Leadership From Edge to Cloud

DATACENTER

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

Top 10 Server & Storage Providers

COMMUNICATIONS

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

10 Leading Comms OEMs

INDUSTRIAL

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

Top 10 Factory Automation Leaders

AUTOMOTIVE

BMW · BYD · Ford · gm · LUCID · Maserati · mazda · Mercedes-Benz · TESLA · TOYOTA

10 Leading Auto OEMs

CLIENT

ASUS · DELL · hp · Lenovo · LG

Top 5 PC OEMs - >50MU Shipped

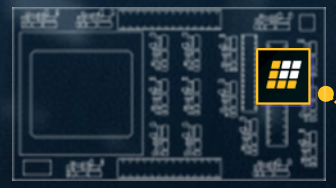
Lattice is the #1 Supplier for Small FPGAs Worldwide

Automotive deployments in select models via direct or tier one engagements

Lattice Solves Datacenter Challenges

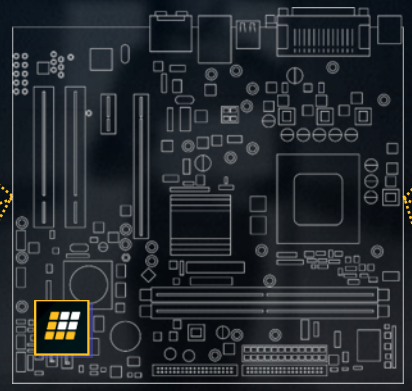
HARDWARE ACCELERATION

Offload
Attestation
Reporting



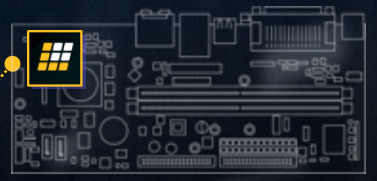
MOTHERBOARD

(CPU Agnostic)



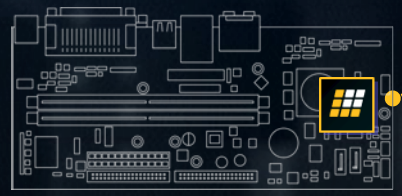
Bridging
I/O Expansion
Board Control
Power Sequence
Signal Aggregation
Glue Logic
Fan Control
Re-Timer

SECURE CONTROL MODULE



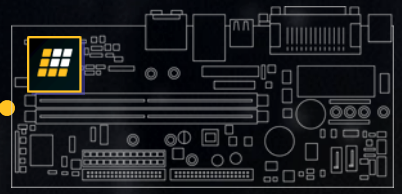
BMC
PROT / PFR
Attestation

STORAGE CARD



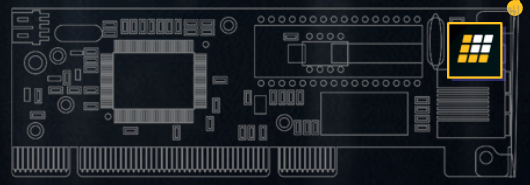
Key Mgmt
Hot Swap
Hot Plug

NETWORK CARD



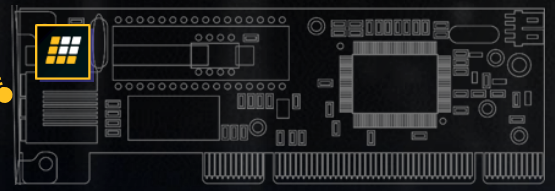
Power Control
Reporting
Offload

GPU CARD



Power Control
Reporting
Throttling

ADD-IN CARDS



Control
Bridging
Aggregation

Lattice Solves Communications Challenges

Scalable Hardware Management

Control Functions

5G ORAN

Datapath

Security

ASIC Bridging

PCIe Bridging

LATTICE SEMICONDUCTOR

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

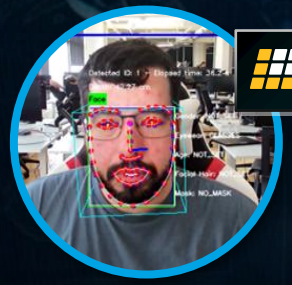
Broadcast / ProAV

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

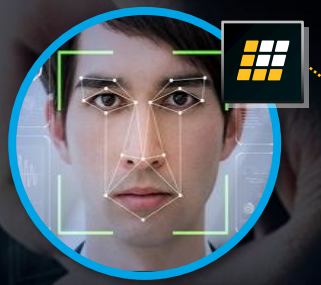
Person Detection



Attention Sensing

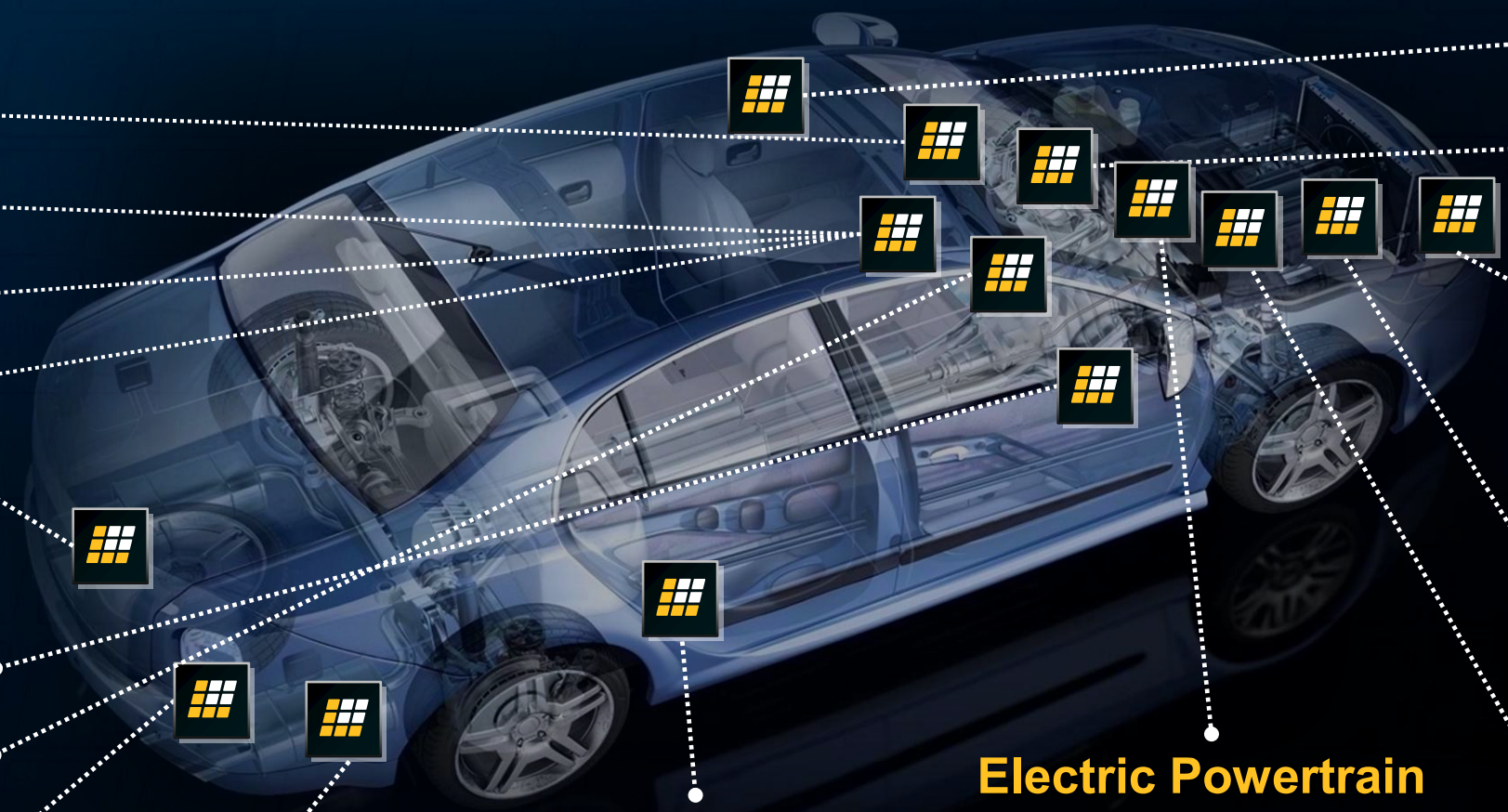
Enhanced Security

Driver Monitoring



Audio/Visual User ID

Lattice Solves Automotive Challenges



INFOTAINMENT

- Display Bridging
- Local Dimming
- Display Safety
- Daylight Enhancement
- ISP

ADAS

- E-Mirror/CMS
- Thermal Camera
- RADAR Sensor Bridging & Aggregation
- Lidar Sensor Bridging & Aggregation

Networking

- Zonal / Central Gateway
- Network Bridge

Electric Powertrain

- Inverter / Charger
- Battery Management

Edge AI

- DMS / OMS
- Sentry

Lighting

- Smart Lamps

Security

- PQC RoT
- Platform Security

LATTICE SEMICONDUCTOR

Lattice Solves Consumer Challenges

Drones

AR / VR

Smart Appliance

Smart Speaker

Consumer Robots

Video Surveillance

Wearable

Smart Doorbell

Smart Toys

LATTICE SEMICONDUCTOR

Lattice Drives AI Innovation

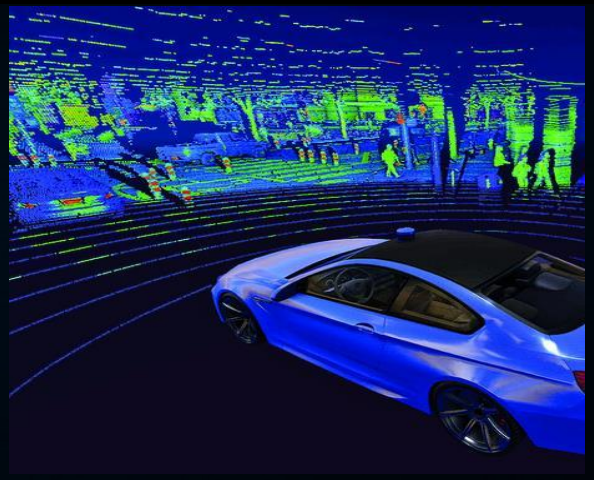
Gen AI Servers

Leading Control and Security in AI Servers

Up to >50 FPGAs per server rack

Deployed at majority of Hyperscalers and OEM/ODMs

Sensor Proliferation

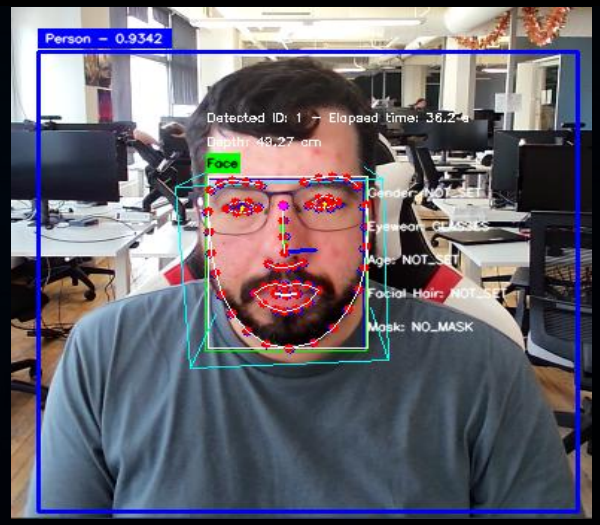


Data Fusion and Optimized Streaming

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

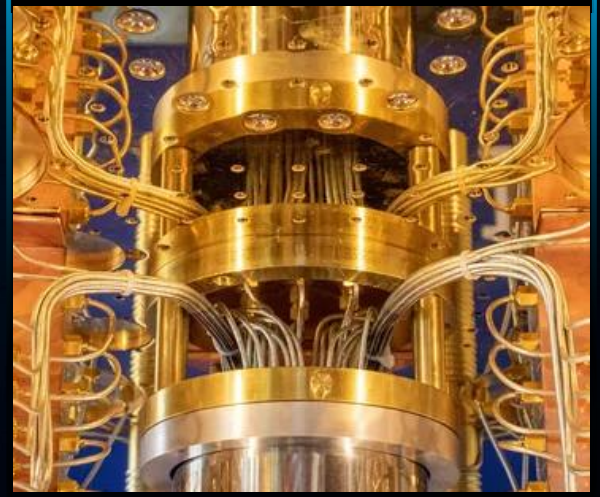
Cyber Resiliency

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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Q2 2025 Earnings Overview & Highlights

REVENUE

$124M

3.2% Growth QoQ

GROSS MARGIN

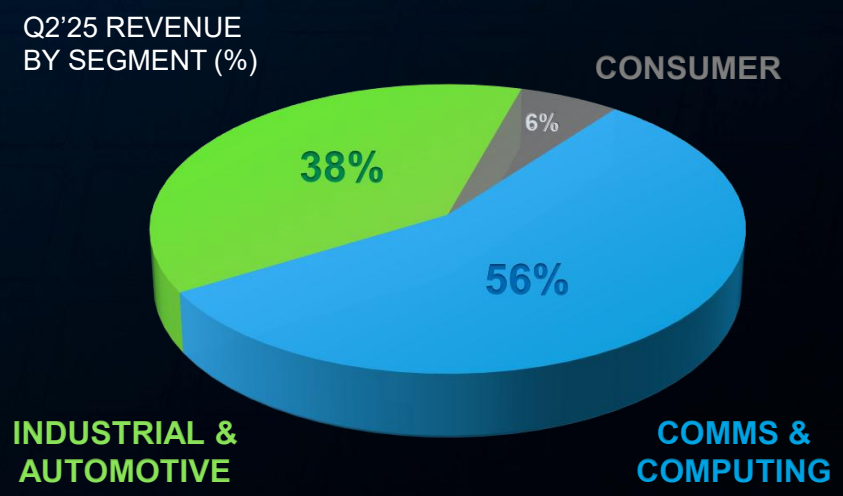
69.3%*

ADJUSTED EBITDA

34.1%*

"We delivered another strong quarter, with broad-based growth across key financial metrics and record design wins. Communications and computing markets remain solid, with normalized channel inventory and continued strength expected into 2026. Industrial and automotive markets are recovering as anticipated, with channel inventory levels showing signs of further improvement. Looking ahead, we're excited about growth driven by major design wins alongside AI accelerators in Cloud datacenter, wired communications, industrial robotics, ADAS, and other far-edge AI applications." – Ford Tamer, CEO

End Market Overview



Highlights

- Grew Q2'25 revenue, gross margin, and profitability sequentially; Guiding both revenue and profitability up in Q3
- Record design wins in Q2'25
- Communications & Computing segment grew 20% QoQ and 26% YoY
- Total revenue from new products continues to grow at strong double-digit pace sequentially and YoY
- Remain on track to hit goal of high-teens percentage of new product revenue for full year 2025

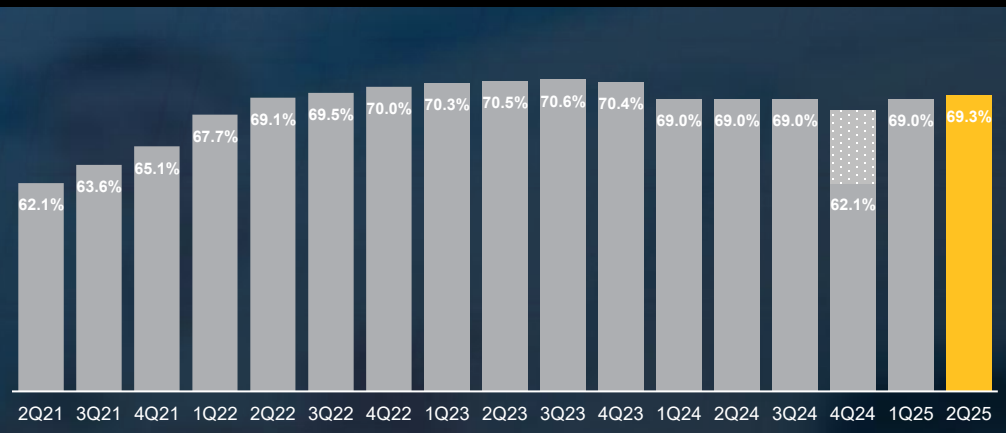
Non-GAAP based on earnings reported August 4, 2025 | *Adjusted Non-GAAP

Q2 2025 Financial Results

REVENUE ($M)

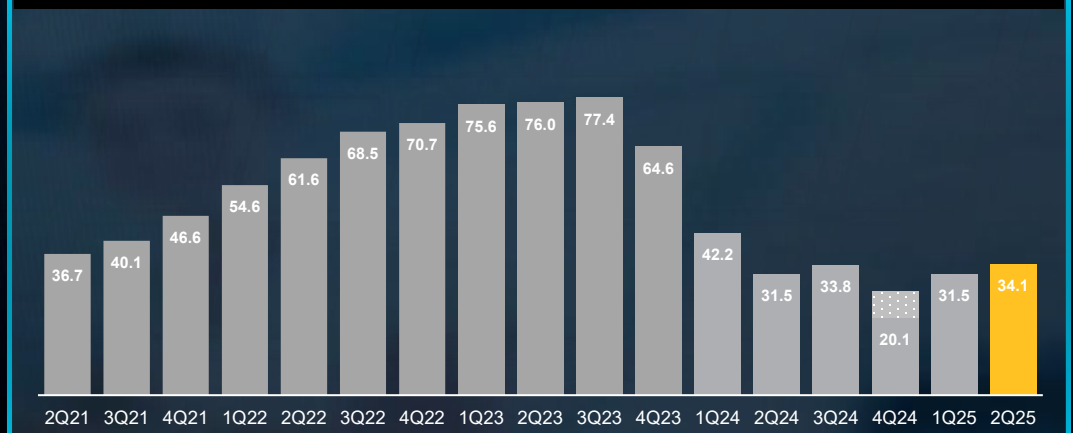
3.2% Revenue Growth QoQ

GROSS MARGIN (%)



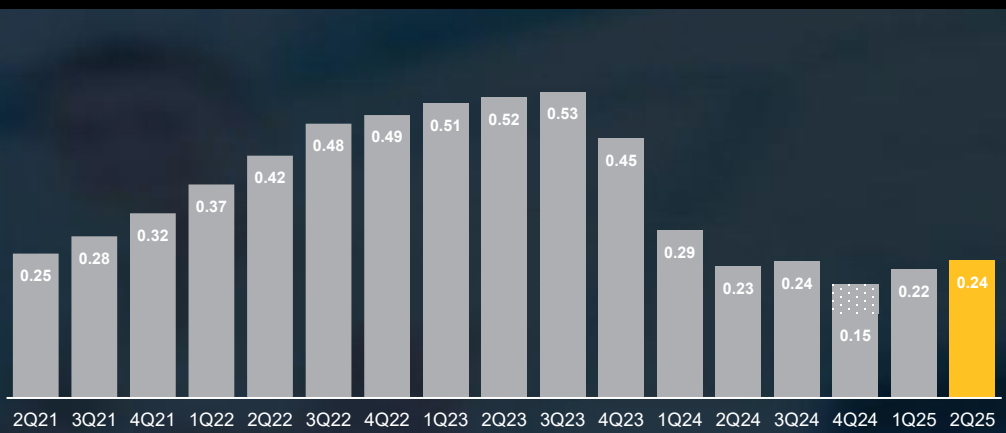
Gross Margin at 69.3%

OPERATING PROFIT ($M)



Operating Profit at $34.1M, Op Mgn at 27.5%

EARNINGS PER SHARE ($)



EPS at $0.24

Non-GAAP based on earnings reported August 4, 2025; Q4'24 shown with and without a one-time $7M COGS expense.


LATTICE
SEMICONDUCTOR
The Low Power Programmable Leader