

Pushing the Boundaries of Connectivity. Everywhere.

Leading Provider of Semiconductor Products in the Large and Growing Automotive and Audio-Video Markets

Enabling Resilient, Ultra High-speed Wired Connectivity Over Simple, Low-Cost Infrastructure



Disclaimer

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GAAP and non-GAAP Measures

This presentation includes GAAP and non-GAAP measures. Adjusted EBITDA is defined as net profit (loss) before financial income (expense), net, income taxes, equity in earnings of investee and depreciation and amortization, further adjusted to exclude change in the fair value of the Forfeiture Shares and share-based compensation, which may vary from period-to-period. We caution investors that amounts presented in accordance with our definition of Adjusted EBITDA may not be comparable to similar measures disclosed by other issuers, because not all issuers calculate Adjusted EBITDA in the same manner. Adjusted EBITDA should not be considered as an alternative to net loss or any other performance measures derived in accordance with GAAP or as an alternative to cash flows from operating activities as a measure of our liquidity. For reconciliation of GAAP to non-GAAP measures, see Appendix.

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Valens Semiconductor At a Glance

Notable Track Record in the Audio-Video and Automotive Markets



Audio-Video

Superior Connectivity, Deployed Across Multiple Verticals



Automotive

Critical Technology for ADAS¹ and Autonomous Driving Cars



Leveraging Our Connectivity Technology

Across Both Businesses



Multi-Billion

Addressable Markets



\$98.5M 2023E Revenues²

62.4% 2023E Gross Margin²

Adjusted EBITDA
Breakeven Targeted

Towards End of 2023²



Fortress Balance Sheet

\$164M Working Capital³

\$148M Cash Balance⁴



⁽¹⁾ ADAS - Advanced Driver-Assistance Systems

⁽²⁾ Mid-point of 2023 annual outlook for revenues and gross margin and 2023 Adjusted EBITDA, as provided on March 1, 2023

Total Current Assets, less Total Current Liabilities as of December 31, 2022

Cash, cash equivalents and short-term deposits as of December 31, 2022

Leveraging Disruptive Connectivity Offerings Across Both Business Segments

Audio-Video



The incumbent solution for high-speed long reach audio-video connectivity. The de-facto industry standard, supported by the HDBaseT alliance (co-founded with LG, Samsung, and Sony Pictures)

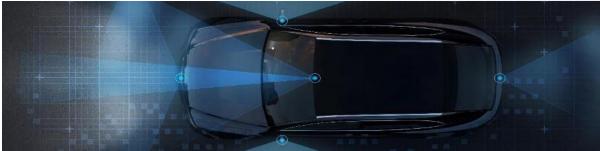
Serving multiple verticals – corporate, education, industrial, medical, and command & control

Addressing the trend of hybrid and remote work and learning models in corporate and education systems

Established, growing and highly-profitable business



Automotive



Unique technology – the only high-speed connectivity solution supporting **multi-gigabit connectivity** over **unshielded cables and connectors**

VA6000 automotive chipsets for infotainment (2Gbps).

- Mercedes-Benz: In mass production since 09/2020; substantial year-over-year growth
- Trucking safety application partnership with \$\infty\$ stoneridge

VA7000 automotive product family for ADAS and Autonomous Driving (8 Gbps).

- Selected as the baseline for the mipitalliance **A-PHY standard** for in-vehicle highspeed connectivity (09/2020)
- also adopted by IEEE (2021)
- Strong automotive industry ecosystem momentum (Tier 1s, Tier 2s, OEMs)
- Participating in several automotive OEM bids

Powering Millions of Audio-Video Products Globally

© CRESTRON logitech SONY Panasonic SAMSUNG

SIEMENS EPSON NEC LG Electronics Extron HARMAN









Samsung's "The Wall" **Digital Signage**



Logitech Rally PLUS Ultra-HD System



5 5 5

Samsung "Terrace" **Outdoor TV**



Dräger Evita® V800 Ventilator



Crestron FLEX Video Conferencing



Siemens Healthineers 3D Imaging Mobile C-Arm



Epson BrightLink Interactive Ultra Short-Throw Projector



Growing Diversity of Business Opportunities in Audio-Video Connectivity



Video Conferencing in Corporations and Education

Providing seamless video conferencing and educational experience in remote, hybrid and in-person models



Industrial

Industry 4.0 increasingly relies on camera sensors and computer vision systems



Medical Imaging

Integrated in diagnostic equipment, assisted surgical equipment, and operating room video distribution



Command and Control Signage

Commercial advertising on public buses; municipalities and governments conveying public safety information























Florida Modernizes Classrooms with Valens Semiconductor Audio-Video Connectivity Products

Deployed in school district with over 330,000 students

"Florida's largest public school district's schools and teachers can now provide learning experience to a much broader audience. Logitech's superb camera technology, coupled with Valens Semiconductor's extension solution are empowering schools like those in Florida and other educational institutions in eliminating gender disparities, increasing access, and ensuring continuous and equitable education. We believe that there is great potential for this type of collaboration between Logitech and Valens Semiconductor in K-12, academic institutions and corporations."

logitech

Sudeep Trivedi Head of Alliances and Go-To-Market at Logitech



- Part of an awarded Elementary and Secondary School Emergency Relief (ESSER) Funded Conference Cameras initiative, and the county's 2021-2026 Strategic Plan
- Prepare for and avoid future closures of schools (K-12¹) and enable improved student achievements
- Logitech Cameras and Valens Audio-Video USB and Power extension solution is an easy-toinstall and cost-effective solution

Automotive Connectivity Market – Key Drivers

Valens Semiconductor Will Play an Essential Role in Reliable ADAS & Autonomous Driving



Today's Car Architecture has Been Pushed to its Limits

- Space, weight and complexity
- Driving a growing need for increased bandwidth, zero latency, and longreach connectivity



Enhanced Connectivity and Processing Capabilities

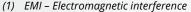
 Proliferation of cameras, radars and LiDARs increasing in-vehicle data production



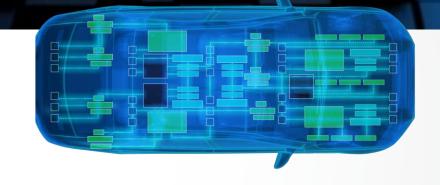
Future Proof Technology Required to Enable Software-Defined Vehicles

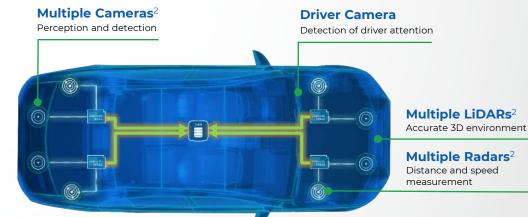
- Centralized processing is facilitating faster adoption of software-defined vehicles
- Increased EMI¹ resilience





(2) Illustrative only – cameras, radars and Lidars cover a surround view (front, back and sides of the car)





Valens Provides a Future Proof Connectivity Technology, and is Well-Positioned with a Holistic Offering

The Only High-speed Connectivity Solution Supporting Multi-gigabit Connectivity Over Unshielded Harness



Symmetric

Data Connectivity
(ECU to ECU)







Non-Symmetric
Video Connectivity
(Sensor to ECU,
ECU to Display)



A-PHY standard adoption: mipiralliance ***IEEE**

Participating in several automotive OEM bids



Valens' First Generation VA6000 Validated By Automotive Leaders

Mercedes-Benz

"One of Daimler's strategic focuses is to be a technological leader in 'green' technologies, safety, autonomous driving and connectivity. Valens Automotive is a perfect fit as its architectural benefits, reliability and robustness lead to a superior driving experience for our customers."

Daimler

'Valens and Daimler Partner to Optimize In-Car Connectivity'



Enabling Superior Infotainment Connectivity in Mercedes Vehicles

- On the road and fully operational with VA6000, 1st-generation automotive chipsets
- · Millions of VA6000 chips deployed
- Collaborating on multiple next-gen platforms in most car models
- Selling through leading automotive Tier-1s









Valens' First Generation VA6000 Validated By Automotive Leaders

Valens Partnered with Stoneridge, a Leading Truck Technology Manufacturer, to Solve a Tractor Trailer Connectivity Challenge

Solving a Critical Safety Hazard and Reducing Fleet Operating Costs

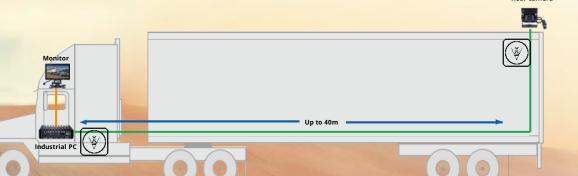


Tackle Visibility Limitations (VA6000)

- Provide video connectivity between truck's tractor and trailer while protecting lives
- Valens supports high-speed data links of up to 130ft in a very rough and noisy environment

Business Opportunity

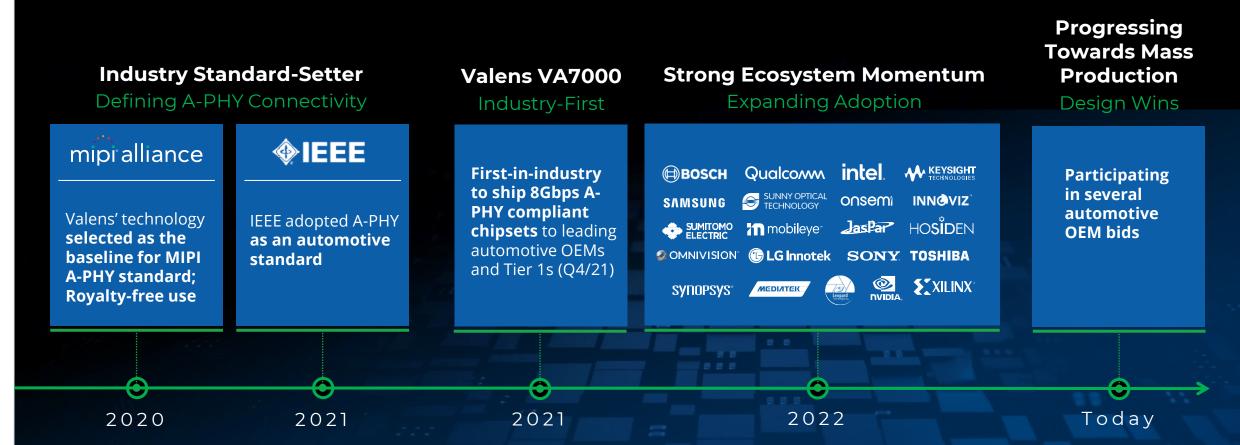
- Foothold in profitable, high-margin truck market
- Automotive aftermarket potential



Valens Semiconductor VA7000 Chipsets Gaining Traction

Participating in Bids, Moving Towards Adoption by Automotive OEMs

Valens



Valens' Addressable Market Will be Further Fueled by the Growing Adoption of ADAS and Autonomous Driving

	Tod	lay	Fut	ture
	Level 2/2+	Level 3 Hands Off	Level 4 Eyes Off	Level 5 (O) Mind Off
Camera	2-7	5-8	5-12	5-12
Radar	1-3	3-5	4-10	4-10
Lidar	0	1-2	2-5	2-6
Display	1-4	2-8	2-8	8+
Number of High-speed Video Links	4-14	11-23	13-35	19-36+

High-Speed Video Connectivity ADAS¹ Automotive TAM (2025-2026)



~ 100 million cars²

are expected to be manufactured per year in 2025 and 2026



10 sensor links for ADAS

on average, **2** connectivity chips (transmitter and receiver)



~2 billion chips per year



~\$4 per-chip cost³





⁽¹⁾ ADAS including surround view systems.

⁽²⁾ S&P Report, April 2022

³⁾ Company's projections

⁽⁴⁾ Assumed projections based on industry and company estimates, for non-symmetric connectivity

Q4 and Full Year 2022 Highlights



Record Quarterly and Annual Revenues

Greater than expected audio-video revenues. Doubled automotive revenues in 2022

Solid Balance Sheet

Solid working capital and cash balance sheet, no debt

Disruptive Connectivity Offerings
Leveraged Across Both Business Segments



Strong Sales of the VA6000 Chipsets Integrated

into most Mercedes Benz car models

Moving Toward Mass Production of the VA7000

- MIPI A-PHY validated by Japan's lastar, and global Japanese automotive company HOSIDEN
- Participating in several automotive OEM bids



Florida's Largest County Modernizes

Classrooms Completed first phase of installations in fourth largest US school district as part of the Elementary and Secondary School Emergency Relief (ESSER) Fund

Successful Adoption of Recent Products

The VS3000, and the Power and USB Extender



Maximizing Environmental, Social and Governance (ESG) Opportunities and Managing ESG risks



"Our goal is to push the boundaries of connectivity to make the world a better place for our employees, customers, suppliers, investors, and communities."

Gideon Ben-Zvi, CEO of Valens Semiconductor

Mission

Enhance and accelerate connectivity in the dynamic and growing automotive and audio-video markets

► Inaugural report FY2021 Released September 2022

▶ Written in accordance with

Global Reporting Initiative (GRI)
Sustainable Accounting Standards
Board (SASB) and the United Nation's
Sustainable Development Goals (SDGs)

Key Accomplishments



Environmental work plan



Target carbon neutrality by 2039



Female empowering sessions



Fostering diversity & inclusion



Industry-wide innovation standardization





Sponsoring educational programs and promoting fundraising events



UN Sustainable Development Goals (SDGS)

Valens Semiconductor's Core Business and ESG Strategies are Applicable to the Below SDGs:



GOOD HEALTH AND WELL-BEING

- Key enabler of lifesaving ADAS
- Help enable access to high quality essential healthcare services



INDUSTRY, INNOVATION & INFRASTRUCTURE

 Contribute to more efficient use of resources and the greater adoption of green and environmentally responsible technologies and industrial processes.



CLIMATE ACTION

- Help reduce the emissions and overall environmental footprint of the automotive sector, through advanced algorithms and component regulations
- The audio-visual technology is designed to improve the quality of video conferencing reducing the need for travel.



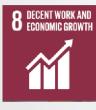
QUALITY EDUCATION

 Help enable high quality remote learning, contributing to improving accessibility, equitability and stability of education



SUSTAINABLE CITIES AND COMMUNITIES

- Valens technology facilitates road safety and sustainability
- Increasingly plays an essential role in ADAS, electric cars, and autonomous vehicles, helping to reduce congestion, energy consumption and emissions.



DECENT WORK AND ECONOMIC GROWTH

- Promote equitable economical growth by driving technological innovation and creating addressable industry-wide standards
- With Valens chipsets car manufacturers can enhance efficiency by substantially removing massive amounts of heavy cables



RESPONSIBLE CONSUMPTION AND PRODUCTION

 Aim to lower energy and material consumption across the enormous automotive industry

Fourth Quarter Financial Highlights

	Fourth Quarter 2022 vs.	Fourth Quarter 2021
	> Revenue: \$23.5 million	> Revenue: \$20.7 million
	> Gross profit¹: \$16.0 million	Gross profit ¹ : \$14.8 million
%	Gross margin : 68.3% (non-GAAP ² : 69.2%)	Gross margin : 71.2% (non-GAAP ² : 71.5%)
	> Adjusted EBITDA ³ : \$(4.6) million	> Adjusted EBITDA ³ : \$(7.0) million



Loss per share⁴: \$0.08 (non-GAAP⁵ \$0.06)



Working Capital⁶: \$163.7 million

Cash Balance⁶: \$148.4 million, no debt

Working Capital⁶: \$183.2 million

Cash Balance⁶: \$174.4 million, no debt

GAAP Gross Profit excluding share-based compensation and depreciation expenses, divided by revenue. For the three months ended December 31, 2022, and 2021, share-based compensation and depreciation expenses were \$202 thousand and \$70 thousand, respectively. For reconciliation of GAAP to non-GAAP measures, see Appendix.

Adjusted EBITDA is defined as Net profit (loss) before financial income (expense), net, income taxes, equity in earnings of investee, and depreciation and amortization, further adjusted to exclude share-based compensation and change in fair value of Forfeiture Shares, which may vary from period-to-period. We caution investors that amounts presented in accordance with our definition of Adjusted EBITDA may not be comparable to similar measures disclosed by other issuers, because not all issuers calculate Adjusted EBITDA in the same manner. Adjusted EBITDA should not be considered as an alternative to Net loss or any other performance measures derived in accordance with GAAP or as an alternative to cash flows from operating activities as a measure of our liquidity. Please refer to the appendix at the end of this

Non-GAAP Loss per Share as GAAP Net Loss adjusted to exclude the following: Stock based compensation, depreciation, and the change in fair value of Forfeiture Share divided by the weighted average number of shares used in calculation of net loss per share

Working Capital is calculated as Total Current Assets Less Total Current Liabilities. Cash Balance defined as cash, cash equivalents and short-term deposits. Both as of December 31, 2022, and 2021 respectively.

Full Year Financial Highlights

Year Ended December 31, 2022

vs. Decemb

Year Ended December 31, 2021



Revenue: \$90.7 million

> Revenue: \$70.7 million



Gross profit¹: \$63.4 million

Gross profit¹: \$50.6 million



Gross margin: 69.9% (non-GAAP²: 70.7%)

Gross margin: 71.6% (non-GAAP²: 71.8%)



Adjusted EBITDA³: \$(14.9) million

Adjusted EBITDA³: \$(16.1) million



Loss per share4: \$0.28 (non-GAAP⁵ \$0.17)

Loss per share⁴: \$1.15 (non-GAAP⁵ \$0.47)

⁽⁵⁾ Non-GAAP Loss per Share is defined as GAAP Net Loss adjusted to exclude the following: Stock based compensation, depreciation, and the change in fair value of Forfeiture Share divided by the weighted average number of shares used in calculation of net loss per share



⁽¹⁾ GAAP Gross Profit excluding share-based compensation and depreciation expenses, divided by revenue. For the year ended December 31, 2022, and 2021, share-based compensation and depreciation expenses were \$712 thousand and \$168 thousand respectively. For reconciliation of GAAP to non-GAAP measures, see Appendix

⁽²⁾ Non-GAAP Gross Margin is defined as: GAAP Gross Profit excluding share-based compensation and depreciation expenses, divided by revenue.

⁽³⁾ Adjusted EBITDA is defined as net profit (loss) before financial income (expense), net, income taxes, equity in earnings of investee and depreciation and amortization, further adjusted to exclude share-based compensation and change in fair value of Forfeiture Shares, which may vary from period-to-period. We caution investors that amounts presented in accordance with our definition of Adjusted EBITDA may not be comparable to similar measures disclosed by other issuers, because not all issuers calculate Adjusted EBITDA in the same manner. Adjusted EBITDA should not be considered as an alternative to net loss or any other performance measures derived in accordance with GAAP or as an alternative to cash flows from operating activities as a measure of our liquidity. Please refer to the appendix at the end of this presentation for a reconciliation to the most directly comparable measure in accordance with GAAP.

⁽⁴⁾ Weighted average number of shares used in calculation of net loss per share was 97,820,782 for the year ended December 31, 2022, compared to 33,031,205 for the year ended December 31,2021. For reconciliation of Net Loss to Adjusted EBITDA, see the Appendix.

Expected¹ Adjusted EBITDA Breakeven Towards End of 2023, and Cashflow Positive Starting 2024

Remain focused on delivering value to our stakeholders by:

- Increasing revenues year after year
- Optimizing margins
- Diligently managing company's operations
- Targeting Adjusted EBITDA breakeven towards end of 20231
- Ultimate goal is to achieve and then continue to amplify profitability

First Quarter 2023 Guidance¹

Full Year 2023 Guidance¹



Revenue: \$23.6-\$23.8 million

Revenue: \$97-\$100 million



Gross margin: 63.0%-63.4%

Gross margin: 62.0%-62.7%



Adjusted EBITDA^{2,3}: \$(6.5)-\$(5.9) million

Adjusted EBITDA²: \$(15.4)-\$(13.6) million



Breakeven of Adjusted EBITDA^{1,2} expected by the end of 2023¹

Targeting to be cashflow positive starting 2024



(1) Guidance provided on March 1, 2023

(2) Adjusted EBITDA is a non-GAAP measure. See Appendix for a reconciliation of Net Loss to Adjusted EBITDA

Summary



Large addressable markets - Automotive and Audio-Video



Leveraging disruptive connectivity technology across both businesses



Track record of leadership driving increased revenues

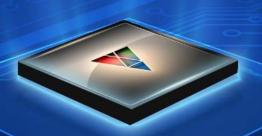


Compelling financial model with clear path to profitability





Thank you



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Reconciliation of Net Loss to Adjusted EBITDA

	Three Months Ended December 31,		Year Ended December 31,				
	2022	2021	2022	2021			
Net Loss	(7,317)	(7,973)	(27,667)	(26,534)			
Adjusted to exclude the following:							
Change in fair value of							
Forfeiture Shares	865	173	(2,907)	173			
Financial expense (income),							
net	(1,684)	(993)	1,770	(1,102)			
Income taxes	41	169	451	407	I DESCRI		
Equity in earnings of						000	
investee	(5)	(1)	(16)	(10)			
Depreciation	361	312	1,377	1,099			
Stock-based compensation							
expenses	3,129	1,362	12,089	9,869			
Adjusted EBITDA	(4,610)	(6,951)	(14,903)	(16,098)			

The table above provides a reconciliation of Net loss to Adjusted EBITDA, a non-GAAP measure. Adjusted EBITDA is defined as Net profit (loss) before financial income (expense), net, income taxes, equity in earnings of investee and depreciation and amortization, further adjusted to exclude share-based compensation and change in fair value of Forfeiture Shares, which may vary from period-to-period. We caution investors that amounts presented in accordance with our definition of Adjusted EBITDA may not be comparable to similar measures disclosed by other issuers, because not all issuers calculate Adjusted EBITDA in the same manner. Adjusted EBITDA should not be considered as an alternative to Net loss or any other performance measures derived in accordance with GAAP or as an alternative to cash flows from operating activities as a measure of our liquidity.

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