Investor Day 2023

Stephen Oliver VP Corporate Marketing & Investor Relations

December 2023

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Navitas Electrify Our World™



Welcome to Planet Navitas!

- Tuesday December 12th, 2023, Navitas HQ, Torrance CA.
 - 12:30 pm Discover tech, sales, financial updates
 - 3:00 pm Voices of the Customers
 - 4:00 pm Explore Planet Navitas (tour)
 - 6:00 pm Travel to evening event
- Investor Website: ir.navitassemi.com
 - Presentation slides by end of day 12th
 - Video replay (including tour) by end of day 13th

Wifi: Navitas Guest Password: N@Vguest







CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

This presentation includes "forward-looking statements" within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements may be identified by the use of words such as "we expect" or "are expected to be," "estimate," "plan," "project," "forecast," "intend," "anticipate," "believe," "seek," or other similar expressions that predict or indicate future events or trends or that are not statements of historical matters. These forward-looking statements include, but are not limited to, statements regarding estimates and forecasts of other financial and performance metrics and projections of market opportunity and market share. These statements are based on various assumptions, whether or not identified in this presentation. These statements are also based on current expectations of our management and are not predictions of actual performance. Such forward-looking statements are provided for illustrative purposes only and are not intended to serve as, and must not be relied on by any investor as, a guarantee, an assurance, a prediction or a definitive statement of fact or probability. Actual events and circumstances are difficult or impossible to predict and will differ from assumptions and expectations. Many actual events and circumstances that affect performance are beyond the control of Navitas, and forward-looking statements are subject to a number of risks and uncertainties, including the possibility that the expected growth of our business will not be realized, or will not be realized within expected time periods, due to, among other things, the failure to successfully integrate acquired businesses into our business and operational systems; the effect of acquisitions on customer and supplier relationships, or the failure to retain and expand those relationships; the success or failure of other business development efforts; Navitas' financial condition and results of operations; Navitas' ability to accurately predict future revenues for the purpose of appropriately budgeting and adjusting Navitas' expenses; Navitas' ability to diversify its customer base and develop relationships in new markets; Navitas' ability to scale its technology into new markets and applications; the effects of competition on Navitas' business, including actions of competitors with an established presence and resources in markets we hope to penetrate, including silicon carbide markets; the level of demand in our customers' end markets and our customers' ability to predict such demand, both generally and with respect to successive generations of products or technology; Navitas' ability to attract, train and retain key qualified personnel; changes in government trade policies, including the imposition of tariffs and the regulation of cross-border investments, particularly involving the United States and China; other regulatory developments in the United States, China and other countries; the impact of the COVID-19 pandemic or other epidemics on Navitas' business and the economies that affect our business, including but not limited to Navitas' supply chain and the supply chains of customers and suppliers; and Navitas' ability to protect its intellectual property rights. These and other risk factors are discussed in the Risk Factors section beginning on p. 15 of our annual report on Form 10-K for the year ended December 31, 2022, which we filed with the Securities and Exchange Commission (the "SEC") on April 3, 2022 and as thereafter amended, and in other documents we file with the SEC, including our quarterly reports on Form 10-Q. If any of these risks materialize or our assumptions prove incorrect, actual results could differ materially from the results implied by these forward-looking statements. There may be additional risks that we are not aware of or that we currently believe are immaterial that could also cause actual results to differ materially from those contained in the forward-looking statements. In addition, forward-looking statements reflect our expectations, plans or forecasts of future events and views as of the date of this presentation. We anticipate that subsequent events and developments will cause our assessments to change. However, while we may elect to update these forward-looking statements at some point in the future, we specifically disclaim any obligation to do so. These forward-looking statements should not be relied upon as representing our assessments as of any date subsequent to the date of this presentation.



NON-GAAP FINANCIAL MEASURES

This presentation includes financial measures that are not calculated in accordance with generally accepted accounting principles ("GAAP"), which we refer to as "non-GAAP financial measures." Each of these non-GAAP financial measures are adjusted from GAAP results to exclude certain expenses which are outlined in the "Reconciliation of GAAP Measures to Non-GAAP Financial Measures" tables in the Appendix. We believe these non-GAAP financial measures provide investors with useful supplemental information about our operating performance and enable comparison of financial trends and results between periods where certain items may vary independent of business performance. We believe these non-GAAP financial measures offer an additional view of our operations that, when coupled with the GAAP results and the reconciliations to corresponding GAAP financial measures, provide a more complete understanding of the results of operations. However, these non-GAAP financial measures should be considered as a supplement to, and not as a substitute for, or superior to, the corresponding measures calculated in accordance with GAAP.

ESTIMATES AND STATISTICAL DATA

This presentation also contains estimates and other statistical data made by independent parties and by us relating to market size and growth and other data about our industry. This data involves a number of assumptions and limitations, and you are cautioned not to give undue weight to such estimates. Neither we nor any other person makes any representation as to the accuracy or completeness of such data or undertakes any obligation to update such data after the date of this presentation. In addition, projections, assumptions and estimates of our future performance and the future performance of the markets in which we operate are necessarily subject to a high degree of uncertainty and risk.

CUSTOMER PIPELINE STATISTIC

"Customer pipeline" or "Pipeline" reflects estimated potential future business based on interest expressed by potential customers for qualified programs, stated in terms of estimated revenue that may be realized in one or more future periods. All customer pipeline information constitutes forward-looking statements. Customer pipeline is not a proxy for backlog or an estimate of future revenue, nor should it be considered as any other measure or indicator of financial performance. Rather, Navitas uses customer pipeline as a statistical metric to indicate the company's current view of relative changes in future potential business across various end markets. Time horizons vary accordingly, based on product type and application. Actual business realized depends on ultimate customer selection, program share and other factors discussed above under "Cautionary Statement Regarding Forward-Looking Statements."

OTHER INFORMATION

For further information with respect to our company, we refer you to our most recent annual report on Form 10-K and our most recent quarterly report on Form 10-Q, filed with the SEC. In addition, we are subject to the information and reporting requirements of the Securities Exchange Act of 1934. Accordingly, we file periodic reports, current reports, proxy statements and other information with the SEC, which are available for review at the SEC's website at http://www.sec.gov.

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Electrifying Our World ™

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GàNFast" Power Ic Navitas

Gene Sheridan

Co-Founder & Chief Executive Officer

December 2023

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The Year in Review ... What a Year!

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Financial Performance

- 100%+ growth vs '22
- 2,129% growth ('20-'22)
- Multi-point margin expansion
- \$92M follow-on capital raise (gross)
- 100%+ stock growth YTD

Market Development

- \$1B+ pipeline
- Expansion in EV, solar/ESS, appl/ind, data center
- 250+ GaN chargers & adapters
- Ten of top 10 mobile players adopting GaN
- 137M+ shipped (GaN+SiC)

Strategic Investments

- Acquisition of Elevation (Si controllers)
- Successful integration of VDD (Isolators)
- Successful GeneSiC integration
- 5x SiC capacity with X-Fab
- \$20M investment for inhouse SiC epi

Technology Development

- Gen 4 GaNSense single & half-bridge ICs
- GaNSense control (GaN + Si controller co-paks)
- Gen-3 Fast SiC FETs
- GaNSafe[™] ICs for hi-power
- Industry's first Bi-Directional GaN ICs

Achievements, Awards & Recognition!

Navitas





Best Small Cap Financial Performance

2023

Deloitte. Technology Fast 500 NORTH AMERICA

Navitas Semiconductor

Recognized as one of the fastest-growing technology companies in North America

Fasting Growing Tech Company in North American (#89)

2,129% growth in last 3 years



CarbonNeutral.com

First Semiconductor Company Certified CarbonNeutral®



Favorite Semiconductor Company Nominee



Industry's First & Only 20-YEAR Warranty

125M GaN Shipped



PPB-level field reliability



Displacement of Si in Electrified Applications

- Existing \$22B/yr¹ power semi market
- Primarily mobile, consumer, data center, some appliance/industrial (except heating/cooling, cooking)
- Driven by energy savings, miniaturization, faster charging, de-materialization, lower costs

Enabling Fossil Fuel Applications to be Electrified

- \$1T+² opportunity for GaN/SiC to fully electrify our planet in coming decades
- EV/emobility, solar/wind, energy storage, appliance/industrial (heating/cooling, cooking)
- Driven by energy savings, driving range, faster charging, miniaturization, dematerialization, elimination of green premium

Power semiconductor market 2026 Navitas estimate

Sources: Tesla master plan V3 (2023), International Energy Agency, Statista, NV own marketing estimates (10y transition)

Electrify Our World™: The \$1T+ Opportunity

- Transition to a fully-electrified¹ planet
- Use technology available today
- Create a \$1,300B+ opportunity² for next-gen GaN + SiC power semis

24year opportunity (\$ Billio			
Electric vehicles	\$	898	
Storage	\$	123	
Solar inverters	\$	85	
Consumer appliances	\$	67	
Mobile chargers	\$	45	
Wind power	\$	39	
Heat pumps	\$	31	
Industrial low voltage motors	\$	39	
Industrial high voltage motors	\$	7	
Data center power supplies	\$	41	
Total	\$	1,375	



1. Excludiong 'feed stock' fossil fuels to create raw materials, such as steel, concrete

2. Sources: Tesla master plan V3 (2023), International Energy Agency, Statista, Navitas own marketing estimates (24y transition)

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What will it take? Pioneering the Path Navitas

Critical Enablers

Key Drivers

Technology

Reliability

System Cost

Eco-system

Education

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Highest efficiency, frequency, integration

Designed-in, lab-tested, prod'n-tested, field-proven reliability

High-freq / integration (BOM), smallest chip size, manufacturing costs

High-frequency controllers , drivers/isolators, magnetics

High-frequency & *high-efficiency world-class system design skills*

Navitas Capability



- Leading Operations, Leading Technology Dan Kinzer, COO / CTO
- SiC Technology Excellence Sid Sundaresan, SVP of SiC Tech & Operations
- System Design Centers:
 - Mobile & Appliance/Industrial Jason Zhang, VP of Tech Mkg & Applications
 - Data Center & EV Hao Sun, Sr Dir EV Systems Engineering
- Growing the Pipeline David Carroll, SVP of Global Sales
- Driving Financial Excellence Ron Shelton, SVP & CFO

Exploring Planet Navitas



Customer Testimonials

• Leaders in mobile charging, electric vehicles, energy storage & more!

• Planet Navitas Tour

• Design GaN, Design SiC, Reliability & Test, Applications and Systems Engineering

Demo area

• Past and Present Power Electronics

• Electrify Studio

- The Future of our Electrified Planet
- The Future of Los Angeles ...
 - Clipper Nation (LA Clippers basketball)

Leading Operations Leading Technology

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GanFast

Power IC

Dan Kinzer

Co-Founder & COO, CTO

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Decade of Disruptive, Displacement Technology



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The Pure-Play, **Next-Gen Power** Semiconductor Company

Up to	Up to	Up to	Up to Up to		Up to
20 x	3 x	40%	3 x	3 x	25%
Faster Switching ⁽¹⁾	Smaller & Lighter ⁽¹⁾	Energy Savings ⁽¹⁾	Higher Power Density ⁽¹⁾	Faster Charging ⁽¹⁾	Lower System Cost ⁽²

Notes

Statistical data is based on Navitas estimates of GaN-based systems compared to Si-based estimates in the 2024-2025 timeframe. Based on Navitas measurements of select GaN-based mobile wall chargers compared to Si-1 based chargers with similar output power, incl. 2019 study of 65W fast chargers, 2022 customer statement re 2.7 kW data center AC-DC

Navitas estimates based on customer feedback as the expected system cost saving overtime as of April 2023 2.

Accelerating Sustainability

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\$22B+ GaN & SiC 'Pure-Play' Opportunity

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Notes: Axes not to scale

1. Based on internal company estimates, Navitas believes that the potential market opportunity in 2026 is \$22B+ for GaN and SiC, replacing certain of the silicon market share

2. Per Yole Developpment, 2023-2024 estimated market revenue

Efficient, Flexible Supply Chain: Fabless to Fablite

Notes:

- 1. As of 5/15/2023, 75+ million GaN units shipped since 2018 to date
- 2. Representing the % of the units tested in production at final test that pass all electrical requirements from 2022 to 2023 for SiC and 2022 for GaN
- 3. 3x refers to TSMC's internal commitment to expand GaN fab capacity by 3.27x following 2020
- 4. 5x refers to Navitas' expectations based on XFAB's communicated expansion plans and binding capacity reservations for EPI services

Sustainable, Competitive Advantage

Key Patents in GaN and SiC

250+ patents issued or pending encompassing key aspects of GaN power circuitry, analog and digital integration, and SiC device design and fabrication

Proprietary Design & Process

Led by pioneers in SiC and GaN, the Navitas team has a proprietary inhouse design process (company secret)

Rate of Innovation

Rapid design process and rate of commercialization create customer value and outpace competitors New generation released every ~15 months

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GaNSense™ Half-Bridge: Cutting-Edge Performance

- *GaNSense*[™]lossless current-sensing
- Most advanced GaN power ICs on the market
- Small, fast, quiet, efficient, reliable, easy-to-use
- Programmable speeds, autonomous protection
- Application-specific ICs
- Versions optimized for mobile fast chargers
- Versions optimized for motor drive

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Advanced *GaNSense™ Control* AC-DC Platform

World's First Bi-Directional GaN Power IC

- Traditional power semis (MOSFETS, IGBTS) are uni-directional (one-way conduction or isolation)
- Several applications need two-way (bi-directional, or positive/negative) operation multiple, large-chip parts needed
- Proprietary, 'bi-directional' GaNFast power ICs are the smallest, most efficient, lowest system cost solution
 - Optimized for fast switching, AC voltage applications
 - Enable 'previously-impractical' topologies
 - Integrated circuitry ensures reliability
- Applications: High-power industrial, solar, energy storage, motor drives
- Topologies: Heric Inverter, Vienna Converter, T-type NPC Inverter, Matrix AC/AC Converter
- Mass production target 2024

Direct power conversion with bi-directional GaNFast means simple, small, efficient, low system-cost AC-AC conversion

GaNSafeTM: The World's Most Protected GaN Power Semi Navitas

GaN enters high-power Data Center, Solar/ESS and EV

GeneSiC: Highest Performance, Voltage Range & Ruggedness

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Patented Trench-Assisted Planar-Gate SiC MOSFETs

SiC Technology Excellence

Sid Sundaresan, PhD SVP SiC Technology & Operations

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Broadest SiC Portfolio (650 V \rightarrow 6,500 V)

1000 mΩ —				★ 1000 m	Ω ★ 1000 m	Ω <u>+</u> 1000 mΩ		✓ 60+ MOSFETs
500 mΩ —				★ 450 mΩ	1			✓ Discrete
			★-295 mΩ	∗ −160 mΩ	1		× −300 mΩ	✓ Bare Die✓ Power Modules
100 mΩ —			*-75 mΩ	∗ 75 mΩ		★- 120 mΩ		
50 mΩ —	+ 60 mΩ + 45 mΩ + 33 mΩ + 25 mΩ		* 40 mΩ * 40 mΩ * 34 mΩ	★ 45 mΩ		★ 50 mΩ	★ 50 mΩ	
10 m0 —	×−25 mΩ	★ 10 mΩ	* 20 mΩ * 20 mΩ * 17 mΩ * 12 mΩ * 10 mΩ	★ −20 mΩ	★ −20 mΩ			
	650V	750V	1200V	1700V	2200V	3300V	6500V	SICPAKIN

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The Planar Limitation

	SiC Planar		
	Source Gate Metal P+ N+ Source JFET P- Well Region	И	
	Per Units Jayer		
Manufacturability	 Repeatable High Yield Low Cost 		
Performance	 Higher On-Resistance/area Slow switching High On-Resistance increase with temp 		
Reliability	• Rugged due to Planar gate		

The Trouble with Trench in SiC

BOSCH

(infineon

	Sic Planar Source Gate Metal P- Well JFT Region N- Drift layer	SiC Trench
Manufacturability	 Repeatable High Yield Low Cost 	 Complex manufacturing Lower Yield High Cost
Performance	 Higher On-Resistance/area Slow switching High On-Resistance increase with temp 	 Lower On-Resistance / area than Planar Faster switching Very High On-Resistance increase with temp
Reliability	• Rugged due to Planar gate	• Lower gate reliability due to defective trench sidewall in SiC

Best of Both: Trench-Assisted Planar Gate

	SiC Planar	SiC Trench	GeneSiC	
	Source Gate Metal Pr Pr Well Begion N- Drift layer	Vendor R Vendor I Vendor I Vendor O	Source Gote Metal Secon P- Wet N- Drift Layer ADruin	
Manufacturability	 Repeatable High Yield Low Cost 	 Complex manufacturing Lower Yield High Cost 	 Repeatable High Yield Low Cost 	
Performance	 Higher On-Resistance/area Slow switching High On-Resistance increase with temp 	 Lower On-Resistance / area than Planar Faster switching Very High On-Resistance increase with temp 	 Lowest On-Resistance / area Fastest switching Lowest On-Resistance increase with temp 	
Reliability	• Rugged due to Planar gate	• Lower gate reliability due to defective trench sidewall in SiC	 Rugged due to Planar gate Highest 100% tested avalanche ratings 	

Industry-Leading SiC MOSFET Performance

VendorW Gen3

150

Navitas

175

18%

Lower

R_{DS(ON)}

Static Performance (1200 V)

On-Resistance vs. Temperature

Vendori Gen2

— VendorO Gen3

R_{ON} x E_{OSS} at 125°C (mΩ-µJ)

100

□ Gen3 Fast technology offers 10% -18% lower on-resistance at 175°

125

- □ 20% 50% better switching figure-of-merit
- Enables lower losses and cooler operation
 - ✓ Better system efficiency

75

✓ Longer lifetime

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2.00

1.75

1.50

1.25

1.00

25

GeneSiC Gen3F

50

SiC Product Roadmap (2024 – 2025)

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Navitas GeneSiC

GeneSiC Technology Roadmap

□ Reduce R_{on} x Chip Area (Increases Amp/Area and Reduces \$/Amp)

□ Improve performance over the <u>entire</u> operating temperature range

□ Continuously Optimize Design/Process for enhanced robustness and automotive-grade quality

System Design Centers: Mobile & Appliance/Industrial

Jason Zhang Co-founder & VP Applications

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Accelerating Time-to-Market: Unique System Design Centers

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Navitas Leads Mobile Power

#1 GaN supplier - adopted by all major OEMs

140 W Case Study: Significant Size and Cost Reduction

Navitas' 3-stage

- Navitas' 2-stage
- Same efficiency
- 25% smaller
- \$2.8 BoM cost reduction
Compact 180 W Laptop Adapter







28% more power – for same size and cost as 140 W PD3.1 36 V new platform 95%

300 W Gaming Laptop & Console Adapter





2x smaller than OEM adapter at the same cost

Navitas wins 100% Milestones



Wide Range of Scalable GaNFast Solutions for Motor Drive



GaN Revolutionizes Motor Drive Efficiency





No heatsink
2% higher motor efficiency

Cool and Compact Motor Drives



150 W, No heatsink

500 W, No heatsink







GaNSafeTM World's Most Protected GaN Power





GaN Accelerates into High Power





650 V

System Design Centers: Data Center & EV

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GàNFast" Power Ic Navitas

enesic

Hao Sun Sr Dir. EV Design Center

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Al Accelerating Data Center Power, Efficiency









1. Cerebras white paper / website

2. TD Cowen, per "Al to drive data center investments", LightReading.com, 4-26-23

3. European Union 'Directive 2009/125/EC, 2019 Annex', power supplies must be >96% efficiency peak, as of 1-1-23

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Data Center Future Powered by SiC & GaN





NVTS 3.2 kW Sets New Density, Efficiency Levels

Navitas

- Data center AC-DC 12 V high performance PSU
- CRPS185 form factor





~100 W/in³

ĜàNSafe"



33% fewer power components





NVTS 4.5 kW AI Server Pushes Even Higher



- Data center AC-DC 54 V AI/GPU Server PSU •
- CRPS185 form factor •





Company	A Company	Navitas
Power	3,200 W	4,500 W
DC-DC	<150 kHz Si/SiC	300 kHz GaN
PD	98 W/inch^3	138 W/inch^3
Eff	~96.3%	>97%



40% Higher Power Density

Navitas[•]

~138 W/in³

Navitas[®]

>97% Efficiency

Navitas +40% Hold-up



Power Density (W/inch^3)



Efficiency @230 Vac





EV are Demanding GaN and SiC



GaN & SiC Drive Power Density





High Performance 6.6 kW OBC 2in1 Combo





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Pek EFF: > 95.5%, Power Density: 3.9 kW/L

Magnetic integrated design

High Performance 22 kW OBC 2IN1 Combo





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Growing the Pipeline

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Power IC

V Navitas

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David Carroll SVP Worldwide Sales

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Customer Pipeline⁽¹⁾ Up 65% to \$1.25B





(1) Committed production programs, lifetime revenue, verified technical fit, value proposition and high interest in Navitas solution. Existing mass-production wins excluded. Start dates 'near-term' per market, life-cycle per market, second sourcing accounted for as appropriate.

EV/Emobility: Accelerating Adoption



- Pipeline +34% to \$400M+, 130+ projects
- Diverse applications:
 - On-board chargers (OBC), roadside chargers, traction
 - Fuel-cell systems, eBikes, eScooters
- SiC revenue today, GaN from 2025
- Diverse regions: US, Korea, Europe, SE Asia & China
- Advantage:
 - Size, weight, efficiency & system cost for longer range, faster charging, lower vehicle price
 - Widest voltage range for 400 V, 800 V & 1200 V systems
 - EV design center platform designs, customer joint design centers & development for faster time-to-market

GEELY





Solar / Energy Storage: Sustainable Energy Independence 🔊 Navitas

- Pipeline +66% to \$250M+, 70+ projects
- SiC (string inverters) revenue today, GaN (micro-inverters) revenue from 2024
- Diverse regions: US, Europe & China
- Advantage:
 - Size, weight, efficiency & system cost for easier, lower-cost installation and lower product costs
 - Best-in-class SiC, GaN and new bi-directional GaN
- Multi-generational GaN designs underway with microinverter market leader
- GaN programs in development with North America string inverter market leader
- Majority of top-10 string inverter OEMs engaged or in production





Appliance / Industrial: Fast, Broad Si Displacement

- Pipeline +250% to \$360M+, 200+ projects
- Significant Tier-1 momentum for motor drive and auxiliary power
- Diverse regions: US, Europe, SE Asia & China
- Engaged with 7/10 top appliance manufacturers
 - Shipping in haircare market leader flagship product today
 - Multiple generation designs with haircare/floorcare leader (\$20-\$40M)
 - Refrigerator design in top 3 EU manufacturer (\$10-\$15M)
 - Dishwasher design in top 3 US manufacturer (\$10-\$15M)
- Broad industrial customer engagements
 - Pumps, air conditioning, heat pumps, industrial motor drives, etc
 - Heat pump design at top 3 OEM (\$25-\$50M)
 - Industrial pump designs at 2/3 top worldwide market leaders (\$15-\$30M)





Data Center: Al Driving Power Density, Efficiency

- Pipeline +17% to \$80M+
- Al processors drive aggressive 3x increase in rack power
 - Power system customers meeting this AI opportunity with high power density GaN and hybrid SiC / GaN designs
- Data Center design center's CRPS platform designs, customer joint development accelerate time-to-market
- Tier-1 CRPS designs ramping into mass production
- Multiple active programs at top 3 power system manufacturers





Mobile/Consumer: Going Mainstream

- Pipeline +50% to \$150M+ (300+ projects phone, notebook, desktop PC, gaming, TV)
- Mass production in 10/10 top mobile OEMs
 - 5 largest mobile phones OEMs, 5 largest notebook OEMs
- GaN displacing Si in mainstream applications major market shift underway
- Xiaomi & OPPO anticipate GaN in 30% of total 2024 mobile charger shipments
- Xiaomi recent launches: Mi14 pro, Mi14, K70 pro, K70E, Note13 pro+, 13Ultra, Note13+
- OPPO recent launches: K11, ONEPLUS Ace 2 pro, Realme GTS (240W, 150W)
- Advantage:

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- Mobile Design Center platform designs
- New Gen4 GaNSense half-bridge: 12+ 100W+ programs (\$10M+)
- Qualified consumer opportunities:
 - Top 2 gaming platforms
 - Tier one desktops, gaming PCs, home audio/networking applications
 - Tier one TV OEM design-in engagements underway, tier one TV shipping 1H'24









Driving Financial Excellence

Ron Shelton, SVP & CFO

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Financial Recap



What We Said	Results(1)	
Revenues more than double	Expected to increase 108%	
Expand gross margins	40.6% in Q4'22 42.5% in Q4'23	
Op Ex decline as % of revenue	137% in Q4'22 75% in Q4'23	
Improving working capital	Inventory turns: $1.6x \rightarrow 3.6x$ Cash-Conversion Cycle: $122 \rightarrow 68$ days	
Superior shareholder returns	NVTS up 100%+ YTD SOXX up ~50%	
(1) Reflects guidance as of 12-12-23	• •	

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Strong Revenue Growth & Margin Expansion¹





Revenue / Gross Margin (Annual)

Revenue / Gross Margin (/Q)

- Market diversification driving revenue and driving margin improvement •
- GaN displacing silicon, becoming mainstream in mobile market .
- SiC EV on-board charger fast ramp now through 2024 •
- System design center investments paying off \bullet

(1) Non-GAAP basis, reflects mid-point of guidance as of 12-12-23.

Continued Diversification





- Rapid end market diversification: 100% mobile/consumer in '21 to <20% of pipeline opportunities today
- Less volatile & more predictable, combined with margin expansion opportunities
- Appliance and industrial markets ready for disruption displacement, decommoditization & electrification
- Positioning for even stronger growth as solar and consumer markets recover later in 2024

Gross Margin Expansion





Continuous technology advantages

- Rapid generational introductions
- Advances in frequency, efficiency, integration

End Market Diversification

- Growing pipeline
- Expansion into higher margin end markets

Strategic Manufacturing Investments

- SiC epi investment announced
- Accretive, efficient cost, scale, performance

(1) Non-GAAP basis. Reflects mid-point of guidance as of 12-12-23.





NON-GAAP OPEX AS % OF REVENUE

- Investing for future growth while revenue scale drives operating leverage
- Operating efficiency up >100% in last 8 quarters
- During same period, OpEx up 51% in absolute dollars
- Revenue growth over time drives OpEx to target levels

(1) Non-GAAP basis. Reflects mid-point of guidance as of 12-12-23.



	2023E	Long-term	
Revenue Growth	~100%	6-10x market ²	 Growing and diversified pipeline Extending GaN leadership; accelerating SiC market share
Non-GAAP Gross Margin	42%	50%+	Market/product/technology mixStrategic manufacturing investments
Non-GAAP OpEx	92%	25-30%	Continued investment for long-term growthMaintain generational technology lead
Operating Margin	(50%)	20%+	 Gross margin expansion and operating leverage

(1) Non-GAAP basis. Reflects mid-point of guidance as of 12-12-23.

(2) Power semiconductors

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Investment and Capital Allocation



Commitment to innovation and growth	 R&D focused on leading-edge GaN, SiC, eco–system and system engr Accelerate investments for multi-generational lead Continue to benefit from operating leverage
Strategic Mfg Investments	 Capital efficient investments with higher ROI / leverage Strategic X-Fab 5x capacity expansion In-house SiC epi investments
Strategic M&A	 GeneSiC, VDD, Elevation Focused, accretive acquisitions to address key drivers in eco-system, complementary technologies and system value
Balance Sheet	 Solid balance sheet: \$170M+ cash and debt-free Significant flexibility to fund organic business to breakeven and beyond
Shareholder returns	 Focus on delivering superior shareholder returns Significantly outperforming SOXX in 2023

Q & A

Gene Sheridan Dan Kinzer Ron Shelton Dave Carroll

December 2023

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CEO & Co-founder COO/CTO & Co-founder CFO SVP Worldwide Sales

Navitas Electrify Our World™



Voices of the Customers

Navitas Electrify Our World™







Traction Inverter for New-Energy Vehicles 1200V SiC MOSFET Modules

AccoPower has achieved SOP delivery of automotive APD SiC power modules in April 2022. The equipped model is the first all-electric SUV "Smart #1" under joint brand of Mercedes-Benz and Geely.

Three-phase full bridge SiC power module, 6-in-1, 1200V 2mΩ

Learn more

Voices of the Customers

Navitas Electrify Our World™
belkin Investor Day 2023



R&D and Innovation



Sustainability



Community and Education



Belkin commits to a lifelong journey to find more responsible ways to build products.



65% Greenhouse Gas Reduction since 2009



100% Plastic-free Packaging for all new products



28,524 tons of E-Waste Recycling funded since 2009



72-75% incorporation of PCR for existing and all-new products



Belkin is tackling its Scope 3 emissions by replacing virgin plastic with PCR for existing best-sellers and all-new products.

67%I

CO2-eq emissions reduction in product housing (phase 1)





Partner Relationships and Influence on Technology Industry

Belkin has foundational, deep and trusted development relationships with key partners that developed over the past 40 years that allows Belkin to delight customers around the world with first-to-market innovations.





EPR GaN Laptop Wall Charger

140W Single GaN USB-C Wall Charger



Single Port Output Belkin BoostCharge Pro 4-Port GaN Wall Charger 140W





Fast charge 4 devices simultaneously

Made from post-consumer recycled plastic

Plastic Free Packaging

One Fast Charger For Everything

Dual USB-C GaN Laptop Wall Charger

Belkin BoostCharge Pro Dual USB-C GaN Wall Charger 68W



Unit Size: 66*62.3*30mm

Belkin BoostCharge Pro Dual USB-C GaN Wall Charger 65W



Unit Size: 40.8*38.2*52.5mm



Size reduced by 35%

Lighter by **26%**

Reduced Plastic Usage by 18%

Belkin GaN in the News 2023 Earned Coverage





@will.mov 141.8K TikTok "While this isn't an ad, I cannot recommend this thing enough. It's MUCH smaller than Apple's default charger and offers dual USB-C charging ports so I'm able to bring less with me when I travel."





Karl Conrad 880K YouTube

"I can, for the first time, travel with one power brick. It's nice and easy to use."





"With 140W of power in a single port or spread over all four on the charger, the Belkin BoostCharge Pro is one of the most powerful wall chargers you can get right now, capable of even keeping top-spec laptops juiced up."

GEAR PATROL

"This one stands out because of its slender design and its bottom port location. It's meant to fit it tight places, like behind a desk or couch, where a lot of other wall adapters can't fit. It also packs 30-watts of power and can charge a MacBook Air."



"With Belkin's 65W Boost Charge Pro Dual USB-C GaN Wall Charger you can charge a laptop and fast charge a smartphone at the same time [...] At a powerful 2 inches long, it can charge an iPhone 13 from 0% to 50% in 28 minutes and a Samsung S21 to 50% in 27 minutes. When done, you can fold the prongs in for easy storage."

belkin Thank You

Voices of the Customers

Navitas Electrify Our World™





Voices of the Customers

Navitas Electrify Our World™

World's #1 Mobile Charging Brand

ANKER

ZERO PLASTIC IN PACKAGING

2027

4 BILLION CHARGING ACCESSORIES SHIPPED EVERY YEAR

4 BILLION CHARGING ACCESSORIES SHIPPED EVERY YEAR

300,000 TONS OF E-WASTE



4 BILLION CHARGING ACCESSORIES

CHARGING ACCESSORIES SHIPPED EVERY YEAR



300,000 TONS OF E-WASTE













Gallium Nitride

Anker PowerCore Fusion PD



GaN

Gallium Nitride





Anker 747 Charger (GanPrime 150-Watt)



- Features Navitas GanFast Power ICs
- 3 USB-C Ports / 1 USB-A Port
- Powerful Enough to Charge 2 Laptops at High Speed
- 38% Smaller Than Apple's 140W Charger



Gallium Nitride

Voices of the Customers

Navitas Electrify Our World™



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Subject to change at the discretion of DG Matrix

Cleaner, Safer, Cheaper, More Reliable Grid





Simple, Sustainable, and Safe



With DG Matrix

Solution: DG Matrix

The world's first "power utility" device to power anything, anywhere, with any energy source to redefine versatility, reliability, and size.

Eliminating the Size, Speed, and Scale Constraints of Today's Electrification Infrastructure





Cloud Server Grid Energy Meter Battery DC Bypas AC Bypas Microarid Generator DC Loads EV **Fuel Cell** Critical Non-Critical Loads Loads AC Power DC Power Communication

200-kW EV Charger



Competitive Landscape

4-10X higher power density than competitors





Existing EV charging companies struggle with:

- Low reliability
- Lack of versatility
- Low margins
- High overhead costs
- Manufacturing complexity

DG Matrix is poised to hyperscale by addressing each of these challenges with:

- High-reliability products with proven components and processes
- Unmatched versatility to deploy in any market
- Industry-leading margins driven by low COGS
- Low overhead costs with advanced manufacturing and global R&D
- Industry-leading 10X manufacturing speed

Brand C vs. DG Matrix: **1.2-MW Fleet Charging Station**





All dimensions are in inches, in², or in³





At 300 W/in³, DG Matrix's power modules offer >1400% greater power density than competition.



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\$1B Sales Pipeline with Pilots Beginning January 2024



Channel Partners

- Engineering + Construction
- Installers
- Energy integration and service providers
- Advisory firms

<u>OEMs</u>

- Electrical equipment manufacturers
- Automakers
- Existing EV charging companies

<u>Users</u>

- Fleet operators
- Charge point operators
- Charging-as-a-service providers
- Convenience stores
- Retail chains

"DG Matrix has the **most potential** to revolutionize the EV charging and electrification landscape globally." - Top three global consulting firm "There's a conflict between the AC grid and DC energy resources... DG Matrix can **simplify all of that** into one box with fewer parts and less opportunity for failure."

- Executive at confidential customer

"Every single project has major space constraints. DG Matrix's solution is the **only product on the market** that will solve those problems."

- Top fleet charging provider

Thank you to our partner customers

Navitas Electrify Our World™

Pure-Play GaN & SiC Are Electrifying Our World

- NVTS stock growth up 115% (>2x SOXX, YTD)
- 4 major tech platforms
- Diverse \$1.25B pipeline, up 65%
- \$1.3T electrification opportunity
- One of fastest growing semi companies: Target 6x-10x market

Navitas
Discover Planet Navitas



- 1. Past & Present (blue team start)
- 2. Electrify Studio
- **3.** SiC Design (green team)
- 4. GaN IC Design
- 5. Applications (yellow team)
- 6. Test & Characterization
- 7. Quality & Reliability (red team)
- 8. Meet the C-suite
- Thank you to those on livestream.
 - Video tour available via ir.navitassemi.com by end of day (Pacific) Wednesday

Thank you to Everyone

Navitas Electrify Our World™

For more information: Ir.navitassemi.com ir@navitassemi.com

Appendix

ONAVITAS Electrify Our World™



NAVITAS SEMICONDUCTOR CORPORATION RECONCILIATION OF GAAP RESULTS TO NON-GAAP FINANCIAL MEASURES

(dollars in thousands)

	FY20		FY21		FY22		Q1FY22		Q2FY22		Q3FY22		Q4FY22		Q1FY23		Q2FY23		Q3FY23	
GAAP net revenues Stock-based compensation included in net revenues	\$	11,849 331	\$	23,736 163	\$	37,943 -	\$	6,740 -	\$	8,611 -	\$	10,243 -	\$	12,349 -	\$	13,358 -	\$	18,062 -	\$	21,978 -
Non-GAAP net revenues	\$	12,180	\$	23,899	\$	37,943	\$	6,740	\$	8,611	\$	10,243	\$	12,349	\$	13,358	\$	18,062	\$	21,978
GAAB gross profit	ć	2 715	ć	10 686	ć	11 0/7	ć	2 963	ć	2 5 8 5	ć	201	ć	5 008	ć	5 / 85	ć	7 /00	ć	7 100
GAAP gross profit margin	Ļ	3,713	Ļ	10,080	Ļ	21 5%	Ļ	2,903	Ļ	3,303 <i>A1</i> 6%	Ļ	38%	Ļ	J,008 10.6%	Ļ	J,40J 11 1%	ڔ	1,490 11.5%	Ļ	37.3%
Stock-based compensation included in net revenues		31.4%		163		-				41.070		-				-		-		52.570
Inventory write-off related to discontinued products				-		_		_		_		_		_		-		_		2 024
Other operational charges						172						172								122
Beserves for write-down of inventory						2 8 2 2						2 8 2 2								122
Inventory write-off related to purchase accounting step-up		_		_		2,033		_		_		2,033				_		_		
Non-GAAP gross profit	Ś	1 0/6	ć	10 8/19	ć	15 /101	ć	2 963	ć	3 5 8 5	ć	3 035	ć	5 008	ć	5 / 85	ć	7 /90	ć	9.246
Non-GAAP gross profit margin	<u>,</u>	33.2%	Ļ	45.4%	<u> </u>	40.8%	<u> </u>	44.0%	<u>,</u>	41.6%	<u>,</u>	38.4%	<u> </u>	40.6%	<u> </u>	41.1%	Ļ	41.5%	<u> </u>	42.1%
RECONCILIATION OF OPERATING EXPENSES																				
GAAP research and development	\$	12,882	\$	27,459	\$	50,318	\$	13,325	\$	9,522	\$	11,526	\$	15,945	\$	17,394	\$	16,791	\$	16,553
GAAP research and development % of net revenues		108.7%		115.7%		132.6%		197.7%		110.6%		112.5%		129.1%		130.2%		93.0%		75.3%
Stock-based compensation expenses		(477)		(6,624)		(19,854)		(7,494)		(3 <i>,</i> 037)		(5,227)		(4,096)		(7,177)		(6,947)		(6,013)
Acquisition-related expenses		-		(500)																
Non-GAAP research and development	\$	12,405	\$	20,335	\$	30,464	\$	5,831	\$	6,485	\$	6,299	\$	11,849	\$	10,217	\$	9,844	\$	10,540
Non-GAAP research and development % of net revenues		101.8%		85.1%		80.3%		86.5%		75.3%		61.5%		96.0%		76.5%		54.5%		48.0%
GAAP selling, general and administrative		9,469		51,374		78,353		24,544		13,993		24,053		15,763		19,058		13,151		14,419
GAAP selling, general and administrative % of net revenues		79.9%		216.4%		206.5%		364.2%		162.5%		234.8%		127.6%		142.7%		72.8%		65.6%
Stock-based compensation expenses		(228)		(34,617)		(43,434)		(17,832)		(7,999)		(10,547)		(7,056)		(9,983)		(5,624)		(6,066)
Disengagement from distributor		-		-		-		-		-		-		-						(483)
Payroll taxes on vesting of employee stock-based																				
compensation		-		-		(591)		-		-		(154)		(437)		(245)		(40)		(413)
Acquisition-related expenses		-		(1,795)		(8,081)		-		-		(5,442)		(2,639)		(1,252)		(215)		(18)
Other		-		-		(22)		-		-		-		(22)		-		(76)		(29)
Non-GAAP selling, general and administrative expense		9,242		14,964		26,227		6,716		5,996		7,912		5,610		7,579		7,197		7,411
Non-GAAP selling, general and administrative expense % of net						_														
revenues	<u> </u>	75.9%		62.6%	<u> </u>	69.1%	<u> </u>	99.6%	<u> </u>	69.6%		77.2%	<u> </u>	45.4%	<u> </u>	56.7%	<u> </u>	39.8%	<u> </u>	33.7%
I otal Non-GAAP operating expenses	\$	21,647	\$	35,299	\$	56,691	\$	12,547	\$	12,481	Ş	14,211	\$	17,459	\$	17,796	\$	17,041	\$	17,951
Total Non-GAAP operating expenses % of net revenues		177.7%		147.7%		149.4%		186.2%		144.9%		138.7%		141.4%		133.2%		94.3%		81.7%