### UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

#### FORM 8-K

#### **CURRENT REPORT**

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 Date of Report (Date of earliest event reported): February 06, 2023

### **DIODES INCORPORATED**

(Exact name of Registrant as Specified in Its Charter)

Delaware (State or Other Jurisdiction of Incorporation) 002-25577 (Commission File Number) 95-2039518 (IRS Employer Identification No.)

4949 Hedgcoxe Road, Suite 200 Plano, Texas (Address of Principal Executive Offices)

75024 (Zip Code)

Registrant's Telephone Number, Including Area Code: 972 987-3900

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

D Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

D Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

	Trading	
Title of each class	Symbol(s)	Name of each exchange on which registered
Common Stock, Par Value \$0.66 2/3	DIOD	The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company  $\Box$ 

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.  $\Box$ 

#### Item 8.01 Other Events.

From time to time, Diodes Incorporated (the "Company") may give corporate presentations to its customers, suppliers and other related interested parties. Copies of the Company's corporate presentation slides, updated on February 6, 2023, are attached herewith as Exhibit 99.1 and Exhibit 99.2. Exhibit 99.1 provides an update focused on the Company's fourth quarter of 2022 financial results and Exhibit 99.2 is used in the Company's investor relations presentations.

#### Forward-Looking Statements

The Presentations attached to this Current Report on Form 8-K as Exhibit 99.1 and Exhibit 99.2 contain forward-looking statements that involve future risks and uncertainties as contemplated by the safe harbor provided by the Private Securities Litigation Reform Act of 1995. All statements, other than statements of historical facts, included in Exhibit 99.1 and Exhibit 99.2 should be regarded as "forward-looking statements" and Exhibit 99.1 and Exhibit 99.2 contain a more detailed listing of the risks and uncertainties associated with those forward-looking statements. Diodes undertakes no obligation to update publicly any forward-looking statements, whether as a result of new information, future events or otherwise.

#### Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit Number	Description
99.1	Fourth quarter 2022 financial results.
99.2	Corporate slides for investor relations presentation.
104	Cover Page Interactive Data File (embedded within the Inline XBRL document).

#### SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

#### DIODES INCORPORATED

Date: February 6, 2023

By: /s/Brett R. Whitmire

Brett R. Whitmire Chief Financial Officer



Fourth Quarter and Fiscal 2022 Financial Results Diodes Incorporated (DIOD)

February 6, 2023

www.diodes.com

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### Safe Harbor Statement

Safe Harbor Statement Under the Private Securities Litigation Reform Act of 1995: Any statements set forth above that are not historical facts are forward-looking statements that involve risks and uncertainties that could cause actual results to differ materially from those in the forward-looking statements. Such statements include statements containing forward-looking words such as "expect," "anticipate," "aim," "estimate," and variations thereof, including without limitation statements, whether direct or implied, regarding expectations of that for the first quarter of 2023, we expect revenue to be approximately \$467 million plus or minus 3 percent; we expect GAAP gross margin to be 41.0 percent, plus or minus 1 percent; non-GAAP operating expenses, which are GAAP operating expenses adjusted for amortization of acquisition-related intangible assets, are expected to be approximately 22.2 percent of revenue, plus or minus 1 percent; we expect non-GAAP net interest expense to be approximately \$2.5 million; we expect our income tax rate to be 19.0 percent, plus or minus 3 percent; shares used to calculate diluted EPS for the first quarter are anticipated to be approximately 46.5 million. Potential risks and uncertainties include, but are not limited to, such factors as: the risk that the COVID-19 pandemic may continue and have a material adverse effect on customer demand and staffing of our production, sales and administration facilities; the risk that such expectations may not be met; the risk that the expected benefits of acquisitions may not be realized or that integration of acquired businesses may not continue as rapidly as we anticipate; the risk that the cost, expense, and diversion of management attention associated with the LSC acquisition may be greater than we currently expect; the risk that we may not be able to maintain our current growth strategy or continue to maintain our current performance, costs, and loadings in our manufacturing facilities; the risk that we may not be able to increase our automotive, industrial, or other revenue and market share; risks of domestic and foreign operations, including excessive operating costs, labor shortages, higher tax rates, and our joint venture prospects; the risks of cyclical downturns in the semiconductor industry and of changes in end-market demand or product mix that may affect gross margin or render inventory obsolete; the risk of unfavorable currency exchange rates; the risk that our future outlook or guidance may be incorrect; the risks of global economic weakness or instability in global financial markets; the risks of trade restrictions, tariffs, or embargoes; the risk that the coronavirus outbreak or other similar epidemics may harm our domestic or international business operations to a greater extent than we currently anticipate; the risk of breaches of our information technology systems; and other information, including the "Risk Factors" detailed from time to time in Diodes' filings with the United States Securities and Exchange Commission.

This presentation also contains non-GAAP measures. See the Company's press release on February 6, 2023 titled, "Diodes Incorporated Reports Fourth Quarter and Fiscal 2022 Financial Results" for detailed information related to the Company's non-GAAP measures and a reconciliation of GAAP net income to non-GAAP net income.



# **About Diodes Incorporated**

Diodes delivers high-quality (discrete, analog, and mixed signal) semiconductor products to the world's leading companies in the automotive, industrial, computing, consumer electronics, and communications markets





## **Fiscal Year 2022 Financials**

- Revenue a record \$2.0 billion; increasing 10.8% year-over
- GAAP gross profit a record \$827.2 million; increasing 23.4% year-over-year
- GAAP gross profit margin 41.3%; increasing 420bp year-over-year
- GAAP net income a record \$331.3 million, improving 44.8% year-over-year
- GAAP EPS— a record \$7.20 per diluted share, improving 44.0% year-over-year
- Non-GAAP adjusted net income a record \$339.0 million, increasing 42.9% year-over-year
- Non-GAAP EPS a record \$7.36 per diluted share, improving 42.1% year-over-year
- EBITDA a record \$520.4 million, or 26.0% of revenue
- Cash flow a record \$392.5 million from operations
- Free cash flow \$180.8 million, including \$211.7 million of capital expenditures
- Net cash flow negative \$25.7 million, which includes net pay-down of \$112.3 million of total debt



# **Delivering Shareholder Value**



Delivered 10.8% annual growth over 2021 and achieved record financial performance across all metrics in 2022

Achieved 9th consecutive quarter of year-over-year growth

Achieved record revenue in the Automotive and Industrial markets

Automotive revenue increased 40% over 2021 and reached 15% of product revenue for 2022

Automotive and Industrial totaled 42% of product revenue, exceeding 2025 target of 40%, and up from 35% in 2021



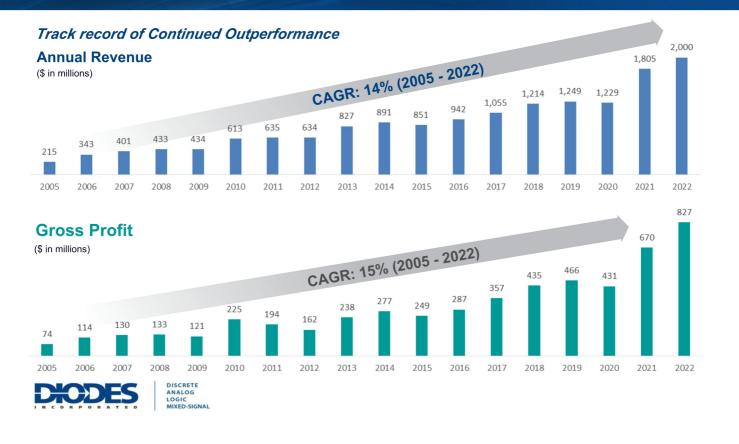


# Fourth Quarter 2022 Financials

- Revenue \$496.2 million; increasing 3.3% year-over and down 4.8% sequentially
- GAAP gross profit \$206.2 million; increasing 8.1% year-over-year and down 5.3% sequentially
- GAAP gross profit margin 41.6%; increasing 190bp year-over-year and down 20bp sequentially
- GAAP net income \$92.1 million, improving 40.5% year-over-year and 6.6% sequentially or \$2.00 per diluted share, improving 39.6% year-over-year and 6.2% sequentially
- Non-GAAP net income \$79.6 million, improving 8.6% year over year and down 13.7% sequentially or \$1.73 per diluted share, improving 7.9% year-over-year and down 13.7% sequentially
- EBITDA \$129.6 million, or 26.1% of revenue
- Cash flow from operations \$102.9 million
- Free cash flow \$39.1 million, including \$63.8 million of capital expenditures
- Net cash flow negative \$44.7 million, including the pay down of Net cash flow of negative \$25.7 million, which includes net pay-down of \$114.1 million of total debt

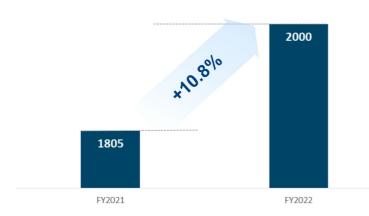


# **Expanding Profitability Growth**

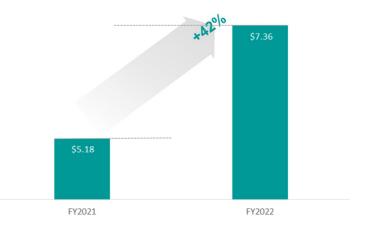


# **Driving Significant Operating Leverage**

### **Revenue (\$ Millions)**



### **Non-GAAP EPS**



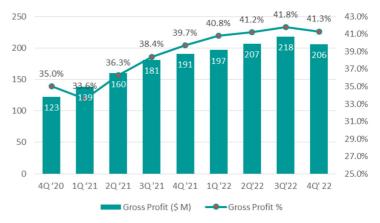




#### **Quarterly Revenue (\$ Millions)**



#### **Quarterly Gross Profit (\$ Millions)**







# **On-Track to Achieve Longer Term Corporate Objectives**



# **Targeted Market Segment Distribution Goal**

### Automotive

 Connected driving, comfort/style/safety, electrification/powertrain

#### Industrial

Embedded systems and precision controls, and IIoT

### Consumer

IoT: wearables, home automation, smart infrastructure

### Communications

 Smart phones, 5G networks, advanced protocols, and charging solutions

### Computing

Cloud computing: server, storage, data centers

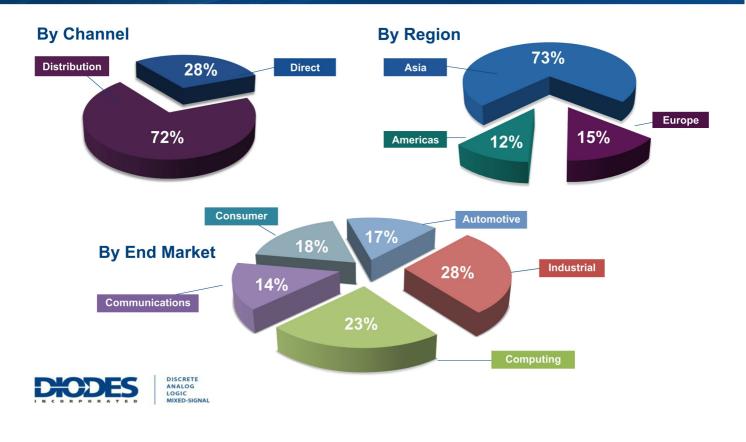


#### ~60% of revenue (58% for 2022)

~40% of revenue

(42% for 2022)

# **Revenue Profile for Fourth Quarter 2022**



# Income Statement – Fourth Quarter 2022

(\$ in millions, except per share amounts)	4Q21	3Q22	4Q22
Net sales	480.2	521.3	496.2
Gross profit (GAAP)	190.7	217.8	206.2
Gross profit margin % (GAAP)	39.7%	41.8%	41.6%
Net income (GAAP)	65.5	86.4	92.1
Net income (non-GAAP)	73.3	92.2	79.6
Diluted EPS (non-GAAP)	1.60	2.00	1.73
Cash flow from operations	77.6	132.2	102.9
EBITDA (non-GAAP)	139.0	141.9	129.6





# **Balance Sheet**

(\$ in millions)	Dec 31, 2020	Dec 31, 2021	Dec 31, 2022
Cash	327	373	348
Inventory	307	349	360
Current Assets	1,024	1,188	1,162
Total Assets	1,980	2,194	2,288
Total Debt	451	301	185
Total Liabilities	963	892	705
Total Equity	1,016	1,303	1,583





# First Quarter 2023 Business Outlook

- Revenue to be ~\$467 million, +/- 3.0%
- GAAP gross margin of 41.0%, +/- 1% on a consolidated basis
- Non-GAAP operating expenses 22.2% of revenue, +/- 1%, which are GAAP operating expenses adjusted for amortization of acquisition-related intangible assets
- Net Interest expense of ~\$2.5 million
- Income tax rate to be 19%, +/- 3%

- Shares used to calculate diluted EPS approximately 46.5 million
- Amortization of acquisitions-related intangible assets of \$3.1 million, after tax, for previous acquisitions is not included in these non-GAAP estimates



\*Guidance as provided on February 6, 2023

- Vision: Expand shareholder value
- Mission: Profitability growth to drive 20%+ operating profit
- Next Strategic Goal: \$1B gross profit
- Tactics:
  - Total system solutions sales approach and content expansion driving growth
  - Increased focus on high-margin Automotive, Industrial and Pericom products
  - Investment for technology leadership in target products, fab processes, and advanced packaging





# Thank you

www.diodes.com

#### For the three months ended December 31, 2022:

### (in thousands, except per share data)

(unaudited)

	Operating	Other Income	Income Tax		
	Expenses	(Expense)	Provision	Ne	et Income
Per-GAAP				\$	92,051
Diluted earnings per share (Per-GAAP)				\$	2.00
Adjustments to reconcile net income to non-GAAP net income:					
Amortization of acquisition-related intangible assets	3,830		(700)		3,130
Loss on sale of manufacturing facilities		264	(40)		224
LSC investment related		554	(16,386)		(15,832)
Non-GAAP				\$	79,573
Diluted shares used in computing earnings per share					46,111
Non-GAAP diluted earnings per share				\$	1.73

Note: Included in GAAP and non-GAAP net income was approximately \$7.6 million, net of tax, non-cash share-based compensation expense. Excluding share-based compensation expense, both GAAP and non-GAAP diluted earnings per share would have improved by \$0.16 per share.





	For the two has recently and all December 24, 2022.	(in th	(in thousands, except per share data)				
For the	twelve months ended December 31, 2022:	(unaudited)					
		Operating Expenses	Other Income (Expense)	Income Tax Provision	Ne	Income	
	Per-GAAP				\$	331,283	
	Diluted earnings per share (Per-GAAP)				\$	7.20	
	Adjustments to reconcile net income to non-GAAP net income:						
	Amortization of acquisition-related intangible assets	15,610		(2,857)		12,753	
	Acquisition-related costs	607		(127)		480	
	Insurance recovery for manufacturing facility	(3,594)		719		(2,875)	
	Loss on sale of manufacturing facilities		677	(102)		575	
	LSC investment related		16,514	(19,771)		(3,257)	
	Non-GAAP				\$	338,959	
	Diluted shares used in computing earnings per share					46,036	
	Non-GAAP diluted earnings per share				\$	7.36	

Note: Included in GAAP and non-GAAP adjusted net income was approximately \$28.7 million, net of tax, non-cash share-based compensation expense. Excluding share-based compensation expense, both GAAP and non-GAAP adjusted diluted earnings per share would have improved by \$0.62 per share.









# **Investor Relations**

Diodes Incorporated (DIOD) Plano, TX, USA February 6, 2023

www.diodes.com

### Safe Harbor Statement

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# **Management Representative**

# **Dr. Keh-Shew Lu**

**Chairman, President and CEO** 

#### **Experience:**

- President & CEO, Diodes Incorporated Since 2005
- Texas Instruments 27 years
  - Senior Vice President of TI Worldwide Analog and Logic
  - President of Texas Instruments Asia

#### **Education:**

- Doctorate and Master's Degree in Electrical Engineering Texas Tech University
- Bachelor's Degree in Engineering National Cheng Kung University – Taiwan





# **Gurmeet Dhaliwal**

Company spokesperson Director, Investor Relations

#### **Experience:**

- Head of Corporate Marketing, Diodes Incorporated, Milpitas, CA
- Head of Corporate Marketing, Pericom, Milpitas, CA
- Vice President, Marketing, CA Technologies (Broadcom), Redwood City, CA
- Director, Global Marketing Strategy, EMC, Pleasanton, CA
- Director, Marketing, Zarlink Semiconductor (Microchip), San Jose, CA
- Marketing Management positions at Cisco and National Semiconductor, CA

#### **Education:**

- MBA, Marketing/Entrepreneurship, Saint Mary's College of California
- BS in Electrical and Computer Engineering, UC Santa Barbara



# **About Diodes Incorporated**

Diodes delivers high-quality (discrete, analog, and mixed signal) semiconductor products to the world's leading companies in the automotive, industrial, computing, consumer electronics, and communications markets





### **Global Operations and World-class Manufacturing & Packaging**

- NASDAQ: DIOD; Founded in 1959
- Headquartered in Plano, TX; 32 locations globally
- Manufacturing in US, UK, Germany, China, and Taiwan
- ISO 9001:2015 Certified / IATF 16949:2016 Certified
- ISO 14001:2015 Certified
- Key acquisitions:
  - onsemi SPFAB June 2022
  - Lite-On Semiconductor Nov. 2020
  - TI Greenock fab (GFAB) April 2019
  - Pericom Semiconductor Nov. 2015
  - BCD Semiconductor March 2013
  - Power Analog Microelectronics (PAM) Oct. 2012

DISCRETE ANALOG LOGIC MIXED-SIGNAL

- Zetex June 2008
- Advanced Power Devices Nov. 2006
- Anachip Corporation Taiwan Jan. 2006
- 31 consecutive years of profitability





# **Global Organization**



# **Our Sustainability Commitment**

We view sustainability as a competitive advantage and have adopted a sustainability-oriented approach to assess and address related risks that may influence our operational activities, business results, and financial performance.

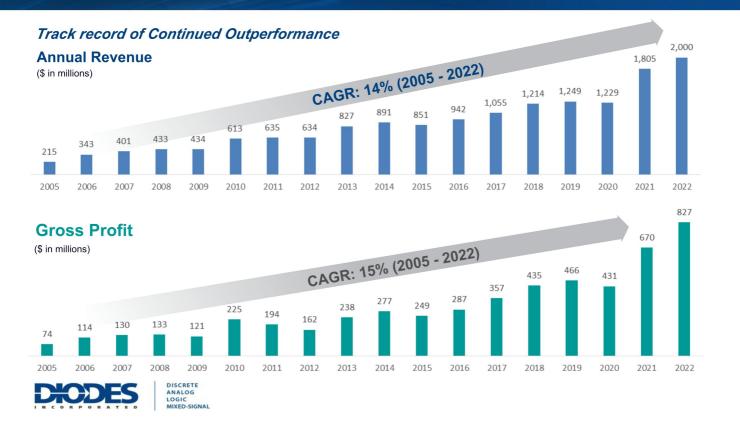


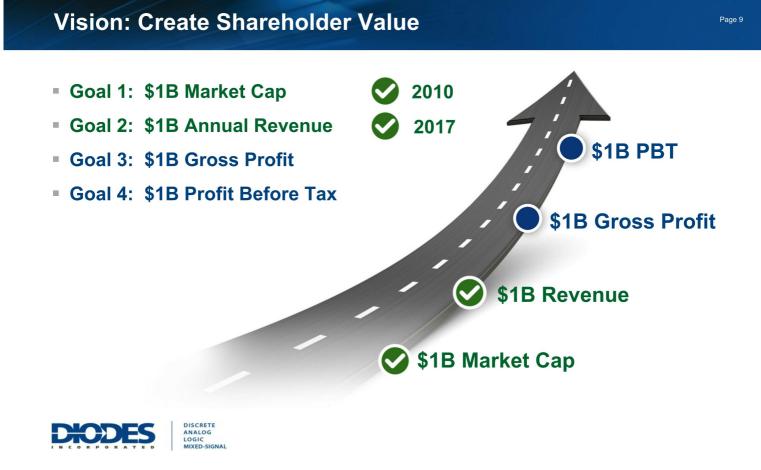
- Key focus areas regularly reviewed by our Board of Directors
- Instituted a cross-functional Sustainability Steering Team to address the sustainability related risks and opportunities
- The Sustainability Steering Team provides periodic updates to the Board of Directors

DECODES IN CORPORATED

Please refer to Governance and Oversight for additional details

# **Expanding Profitability Growth**





# Shifting Gears to Profitability Growth

**Mission:** Profitability growth to expand shareholder value

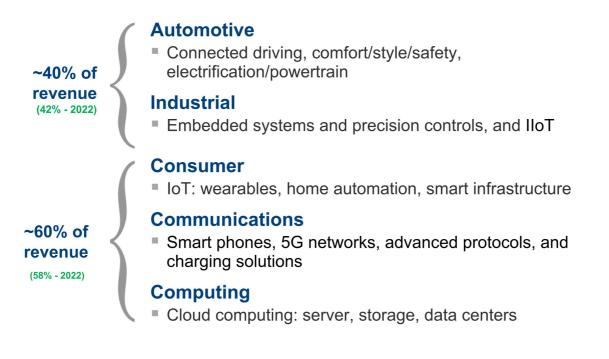
**Strategy:** Grow Revenue to \$2.5B at 40% Gross Margin

**Goal:** \$1B Gross Profit by 2025

#### DECEDES IN COMPONENTED DISCRETE ANALOG LOGIC MIXED-SIGNAL

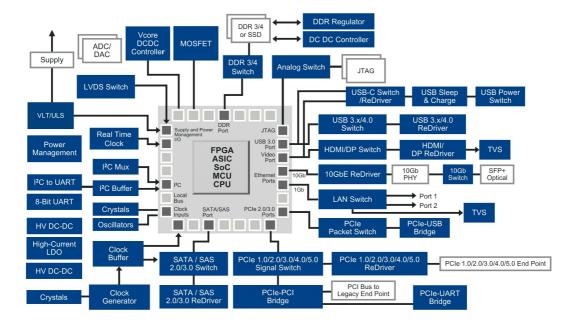








# **Total Solutions Provider**







#### **Example: Industrial, Embedded Applications**

# **Automotive Applications Driving Growth**

### Focus Applications:

#### **Connected Driving**

- ADAS (Advanced Driver Assistance Systems)
- Telematics
- Infotainment Systems

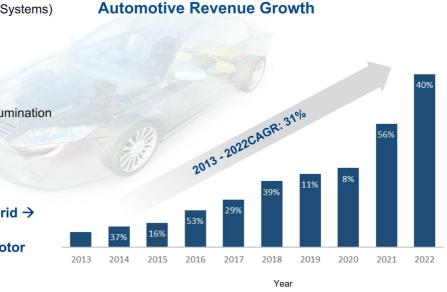
### Comfort, Style, and Safety

- Lighting
  - Migration to LED and intelligent illumination
- BLDC motor control
  - Migration from Brushed to Brushless DC Motors

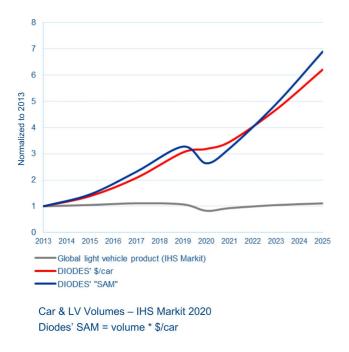
#### **Electrification/Powertrain**

- Conventional Powertrain → Hybrid → Electrification
- Power Module Inverter for EV motor
- Battery management
  - Move to 48V battery



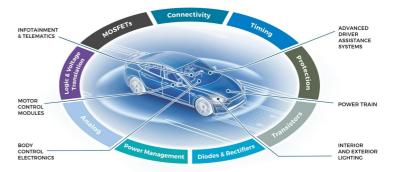


## Automotive Opportunity









Automotive Potential Revenue	\$ / Car
Automotive Motor Control	\$45.50
Connected Driving (Infotainment, Telematics & ADAS)	\$60.26
Powertrain, Electrification & Body Control Electronics	\$19.70
Lighting – Moving to LED	\$14.29
Total	\$139.75

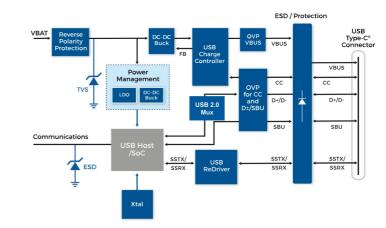
## Automotive Compliant USB Charging – 4 ports per Vehicle



Diodes' Key Products	\$ / per car	
Power Management	\$5.00	
MOS/BJT	\$1.00	
Diodes and Rectifiers	\$0.50	
Timing and Connectivity	\$2.00	
Total	\$8.50	







- USB charging is a high growth application with approximately 2 to 8 ports per vehicle
- Diodes provides a system solution for USB charging including Port Controller, USB Muxes & Redrivers, Xtals, Power Management, and Protection.
- Automotive Compliant\* product portfolio expansion is expanding the SAM further

\* AEC qualified, manufactured in IATF 16949 certified sites supporting PPAP documents (if applicable).

## Industrial Content Expanding

- Increasing IC content in embedded systems
- Switching and signal path for networked systems and automation
- Signal conditioning and timing for precision controls
- Motor controls, sensors, and power management for smart meters



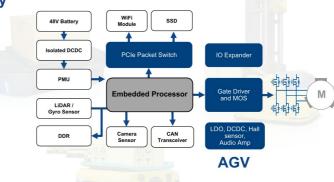
## IoT – Machine to Machine (M2M)

### M2M – Dominated by short range technology

- 73% are short range, mostly Wi-Fi
- 2017: connections @ 750 million
- 2023: connections @ 2600 million

#### M2M – By Application

- IoT and M2M Modems
- POS, Routers, Edge Server
- On-Premise Edge Gateway
- AGV (Automated Guided Vehicle)
- AMR (Autonomous Mobile Robots)
  UAV (Unmanned Aerial Vehicle)
- UAV (Unmanned Aerial Vehicle)



# Image: Construction of the co

#### **Growth Opportunities:**

- Power, Sensor, DC-DC
- Gate Driver, BJT, MOSFET
- XTAL and clock
- Packet switch, ReDriver, IO Expander

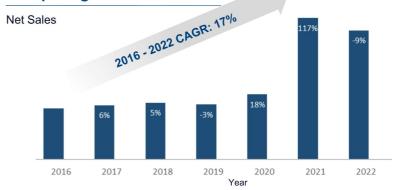
Diodes' Key Products	\$ / AGV		
Discrete	\$3.5		
Analog & Power Mgmt.	\$1.6		
Timing and Connectivity	\$18.0		
Total	\$23.10		

## **Cloud Computing Accelerating Enterprise Market**

- ReDriver support for PCIe or USB connectivity
- Wide range of signal protocols: PCle, SAS, SATA, GbE, USB
- MUX products for high capacity solid state storage
- Crystal oscillators for increasing clocking speeds
- LDOs, SBR, and TVS for power management and protection



**Computing Revenue Growth** 





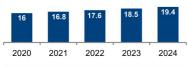


# Computing Platform: Server/Storage Solution Page 19

#### **Server Platform Solution**

- Almost all of Server vendors are Diodes' existing customers
- Diodes' products are well positioned in this segment
- Connectivity, Signal Integrity, Timing, Standard Linear, Power Management, Power Switches, Protection or HV MOSFET / SBR devices

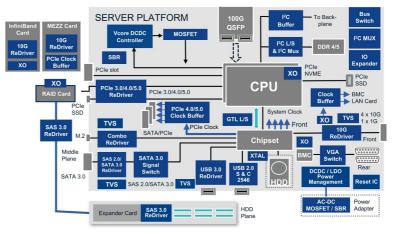
#### WW Server total shipments (Mu)



Diodes' Key Products	\$ / Server
Analog	2.70
Discrete	3.41
Timing and Connectivity	30.00
Total	\$36.11













DISCRETE ANALOG LOGIC MIXED-SIGNAL

## IoT Segment: Smart Home

#### Smart Home – expected to grow to 1.4Bu by 2023

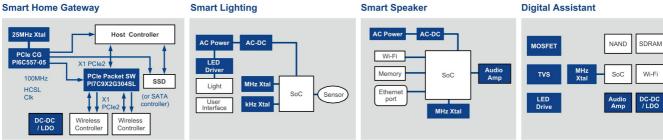
- Safety and Security
- Climate Control
- Consumer Electronics
- Lighting control

#### **Growth Opportunities**

- Power
- LED driver
- Xtal and clock
- Packet switch



Diodes' Key Products	\$ / Box	
Analog	\$0.40 ~ \$0.65	
Power Management	\$1.80	
MOS/BJT	\$1.10	
Diodes and Rectifiers	\$0.50	
Timing and Connectivity	\$3.50	
Total	\$7.55	









## Communications - 5G Applications Expanding Growth Opportunities Page 22

#### **Focus Applications:**

#### **Cloud Computing**

Data Center Server

#### Gateway

- Internet Gateway
- Fiber network

#### **Core Network, Cell Stations**

- Small Cells
- Base Station
- Edge Computing Server
- Smart antenna
- Fiber network

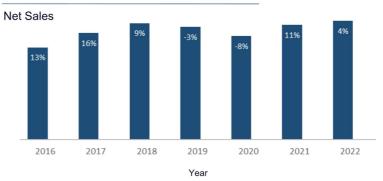
#### End Products

- Portables: Smartphone, Tablet
- Smart Car
- Consumer: VR/AR, Drone, IoTs
- Telecom: 5G CPEs
- Embedded/Industrial





#### **Communications Revenue Growth**



- Smart speaker/IoT rising
- AR / VR

Growth

Foldable screens

**Diodes' Key Products** 

Power Management

**Diodes and Rectifiers** 

Timing and Connectivity

= 5G

Analog

MOS/BJT

Total

Smartwatches

#### Growth **Opportunities**

- USB Type-C
- MUX

\$ / Phone

\$0.55

\$1.50

\$0.33

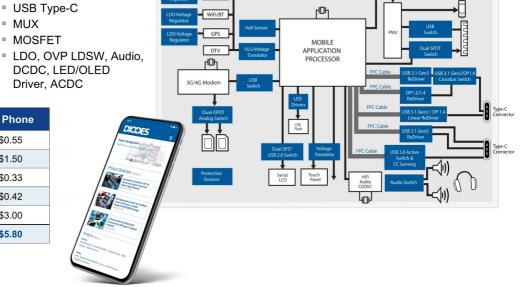
\$0.42

\$3.00

\$5.80

DISCRETE ANALOG LOGIC MIXED-SIGNAL

- MOSFET
  - DCDC, LED/OLED Driver, ACDC



Mobile DDR/NOR Flash/NAND Flash/GPIO

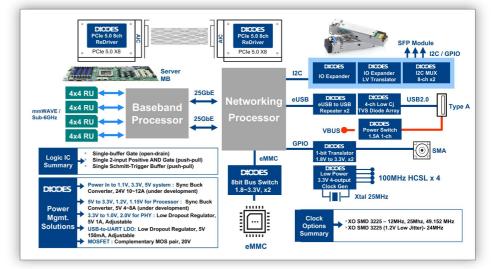




## **5G Macro Cell Platform**

- Advanced Solution in Signal Integrity, Signal/Bus/Power Switches and IO Expanders for diversified networking applications
- Global Logistics provide cost-competitive solution with industry standard pin-outs and flexible package options

Diodes' Key Products	\$ / Box
Analog	>\$0.60
Power Management	\$0.90
MOS/BJT	>\$0.50
Timing and Connectivity	\$11.00
Total	\$13.00







## **Complete Platform Solutions: Notebooks**

Diode DCDC LDO Logic Sensor TVS USB Switch	Vcore DODES + ZETEX DCDC controller WOSFET USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU USB3.0 CPU
MOSFET LED Driver	Analog BCID USB 2.0 Crossbar (Crossbar (Crossb
ACDC Std Linear	TVS, LDO, Thyristor    SBR    Audio    Timing    Signal Integrity    Switching    Connectivity      Bridge Rectifier    Image: Signal Integrity    Switching    Connectivity      LITE-ON    Image: Signal Integrity    Switching    Connectivity      SEMICONDUCTOR    Image: Signal Integrity    Switching    Connectivity



DISCRETE ANALOG LOGIC MIXED-SIGNAL



## **Technology Focus**

#### **Products**



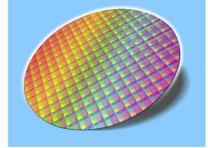
- 32 Gbps ReDrivers and Switches
  Automotive Packet Switch for Telematics / ADAS
- Complete USB Type-C Solution
- Low jitter timing solution for cloud computing
- Ultra low power and low noise LDOs for loT
- Low Cj TVS for signal integrity
- Lowest RDS(ON) LDMOS for battery efficiency
- SiC Merged PiN Schottky Diodes for better ruggedness





#### Wafer Fab

- High performance 8" MOSFET trench technology
- Advanced Epi bipolar transistor processes
- Proprietary rectifier technology
- Rugged automotive grade NMOS and PMOS



#### Assembly/Test

- Compact QFN and DFN
- Power density PowerDI
- Chip scale packaging and plating capability
- Extensive multi-chip package technology



## Efficient Manufacturing + Superior Processes

#### Wafer Fabs

- US: South Portland, Maine
- China: Shanghai and Wuxi
- Taiwan: Hsinchu and Keelung
- UK: Greenock and Oldham
- Bipolar, BiCMOS, CMOS and BCD process
- Strong engineering capabilities

#### Packaging

- Shanghai-based packaging with capacity over 34 billion units
- Chengdu facility has potential capacity 3X of Shanghai
- Additional facilities in Neuhaus, Germany and Wuxi, China





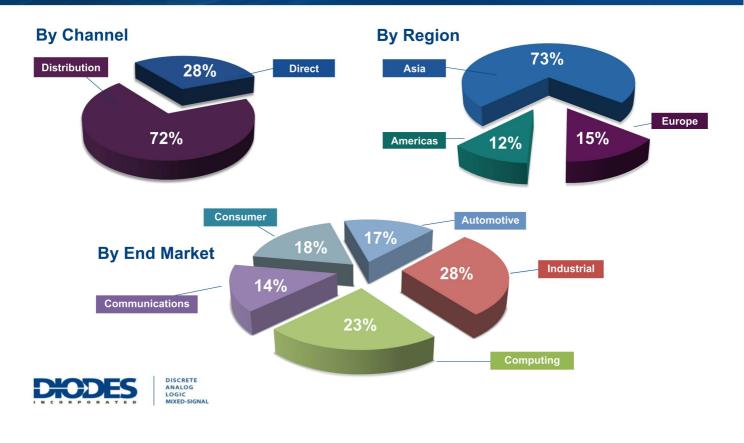








## **Revenue Profile for Fourth Quarter 2022**



## Income Statement – Fourth Quarter 2022

(\$ in millions, except per share amounts)	4Q21	3Q22	4Q22
Net sales	480.2	521.3	496.2
Gross profit (GAAP)	190.7	217.8	206.2
Gross profit margin % (GAAP)	39.7%	41.8%	41.6%
Net income (GAAP)	65.5	86.4	92.1
Net income (non-GAAP)	73.3	92.2	79.6
Diluted EPS (non-GAAP)	1.60	2.00	1.73
Cash flow from operations	77.6	132.2	102.9
EBITDA (non-GAAP)	139.0	141.9	129.6





## **Balance Sheet**

(\$ in millions)	Dec 31, 2020	Dec 31, 2021	Dec 31, 2022
Cash	327	373	348
Inventory	307	349	360
Current Assets	1,024	1,188	1,162
Total Assets	1,980	2,194	2,288
Total Debt	451	301	185
Total Liabilities	963	892	705
Total Equity	1,016	1,303	1,583





## First Quarter 2023 Business Outlook

- Revenue to be ~\$467 million, +/- 3.0%
- GAAP gross margin of 41.0%, +/- 1% on a consolidated basis
- Non-GAAP operating expenses 22.2% of revenue, +/- 1%, which are GAAP operating expenses adjusted for amortization of acquisition-related intangible assets
- Net Interest expense of ~\$2.5 million
- Income tax rate to be 19%, +/- 3%

- Shares used to calculate diluted EPS approximately 46.5 million
- Amortization of acquisitions-related intangible assets of \$3.1 million, after tax, for previous acquisitions is not included in these non-GAAP estimates



\*Guidance as provided on February 6, 2023

## Summary

- Vision: Expand shareholder value
- Mission: Profitability growth to drive 20%+ operating profit
- Next Strategic Goal: \$1B gross profit
- Tactics:
  - Increased focus on high-margin automotive, industrial, and Pericom products
  - Investment for technology leadership in target products, fab processes, and advanced packaging
  - System solutions to drive business expansion





