

**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): March 08, 2022**

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

Title of each class	Trading 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

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.



**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 9, 2022, 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 2021 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	<a href="#">Fourth quarter 2021 financial results.</a>
99.2	<a href="#">Corporate slide for investor relations presentation.</a>
104	Cover Page Interactive Data File (embedded within the Inline XBRL document).

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**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: March 8, 2022

By: /s/Brett R. Whitmire  
Brett R. Whitmire  
Chief Financial Officer

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**Fourth Quarter 2021  
Financial Results  
Diodes Incorporated (DIOD)**

February 9, 2022



[www.diodes.com](http://www.diodes.com)

Any statements set forth herein 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 forward-looking statements include, but are not limited to, statements regarding updates to Diodes Incorporated's (Diodes) first quarter 2022 business outlook as of February 9, 2022, which include the following: *expect revenue to increase to approximately \$480 million plus or minus 3 percent; we expect GAAP gross margin to be 39.7 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 21.0 percent of revenue, plus or minus 1 percent; we expect non-GAAP net interest expense to be approximately \$1.4 million; we expect our income tax rate to be 18.4 percent, plus or minus 3 percent; shares used to calculate diluted EPS for the first quarter are anticipated to be approximately 46.3 million; purchase accounting adjustments for Pericom and previous acquisitions of \$3.3 million after tax are not included in these non-GAAP estimates; and other statements identified by words such as "estimates," "expects," "projects," "plans," "will," and similar expressions .*

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 Lite-On Semiconductor Corp. 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 operation costs, labor shortages, higher tax rates, and our joint venture prospects; the risk that we may not continue our share repurchase program; 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 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 9, 2022 titled, "Diodes Incorporated Reports Record Fourth Quarter and Fiscal 2021 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.



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



**Vision: Profitability Growth to Maximize Shareholder Value**

**Our Core Values: Integrity, Commitment, Innovation**



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- **Revenue** - a record **\$480.2 million**; increasing 37% year-over and 2% sequentially
- **GAAP gross profit** - a record **\$190.7 million**; increasing 55% year-over-year and 5% sequentially
- **GAAP gross profit margin** - a record **39.7%**; increasing 470bp year-over-year and 130bp sequentially
- **GAAP net income** - **\$65.5 million**, or **\$1.43** per diluted share, improving 142% year-over-year and a 5% decrease sequentially
- **Non-GAAP net income** - a record **\$73.3 million**, or **\$1.60** per diluted share, improving 116% year-over-year and 9% sequentially
- **EBITDA** was a record **\$139.0 million**, or 28.9% of revenue
- Achieved **cash flow** from operations of \$77.6 million and \$22.5 million of free cash flow, including \$55.0 million of capital expenditures. Net cash flow was a positive \$82.0 million



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- **Revenue** - a record **\$1.81 billion**, increasing 47% over 2020
- **GAAP gross profit** - a record **\$670.4 million**; increasing 56% year-over-year
- **GAAP gross profit margin** – **37.1%**; increasing 200bp over prior year
- **GAAP net income** – a record **\$228.8 million**, increasing 133% over 2020
- **Non-GAAP net income** - a record **\$237.2 million**, improving 93% year-over-year
- **GAAP EPS** – a record **\$5.00** per diluted share, improving 166% year-over-year
- **Non-GAAP EPS** - a record **\$5.18** per diluted share, improving 120% year-over-year
- **EBITDA** - improved 82% to a record **\$434.6 million**, or 24.1% of revenue
- Achieved record **cash flow** from operations of \$338.5 million and a record \$197.3 million of free cash flow, including \$141.2 million of capital expenditures. Net cash flow was a positive \$46.3 million, which includes the pay down of \$152.6 million of long-term debt



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Full year revenue grew 47%, gross profit 56%, with GAAP EPS expanding 166% and non-GAAP diluted EPS expanding 120%



4Q'21 represented 5<sup>th</sup> consecutive quarter of record revenue; full year 2021 revenue also a record



Achieved record revenue in the Automotive, Industrial, Communications and Consumer segments in 4Q'21



Pericom products achieved 5 consecutive quarters of growth



Gross margin reached record 39.7% in 4Q'21; expanding 610bp from 1Q'21, the first full quarter of LITE-ON Semiconductor



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**~40% of  
revenue**  
(36% for 4Q2021)

## **Automotive (6 consecutive quarters of growth)**

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

## **Industrial (3 consecutive quarters of growth)**

- Embedded systems and precision controls

**~60% of  
revenue**

## **Consumer**

- IoT: wearables, home automation, smart infrastructure

## **Communications**

- Smartphones: advanced protocols and charging

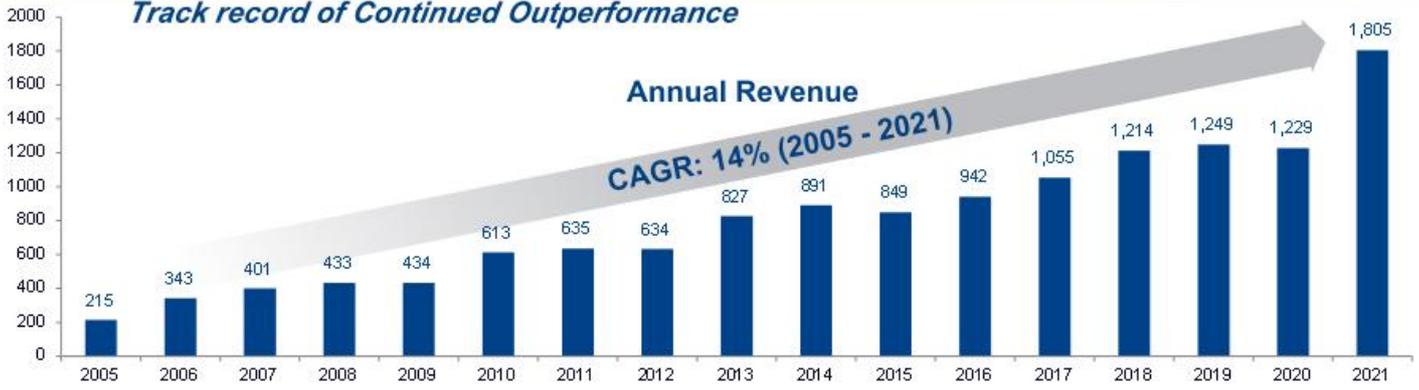
## **Computing**

- Cloud computing: server, storage, data centers



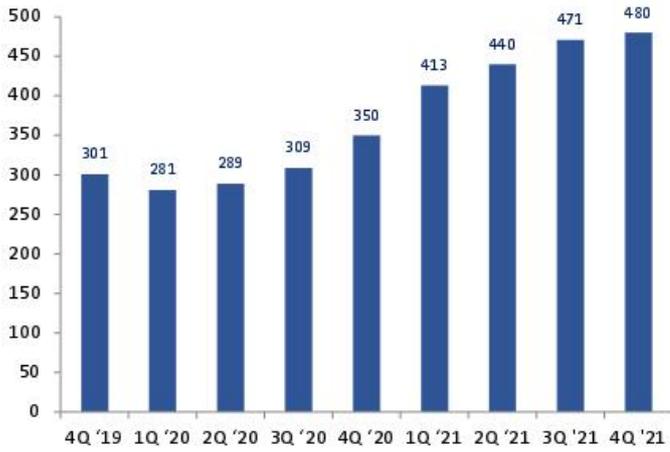
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## Track record of Continued Outperformance

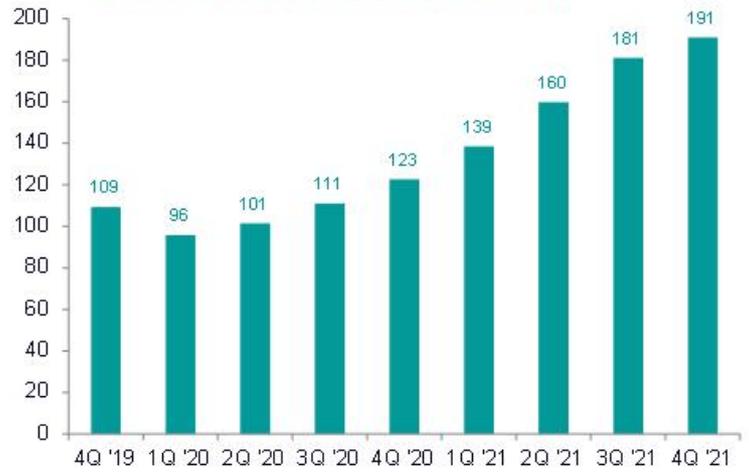


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### Quarterly Revenue (\$ Millions)



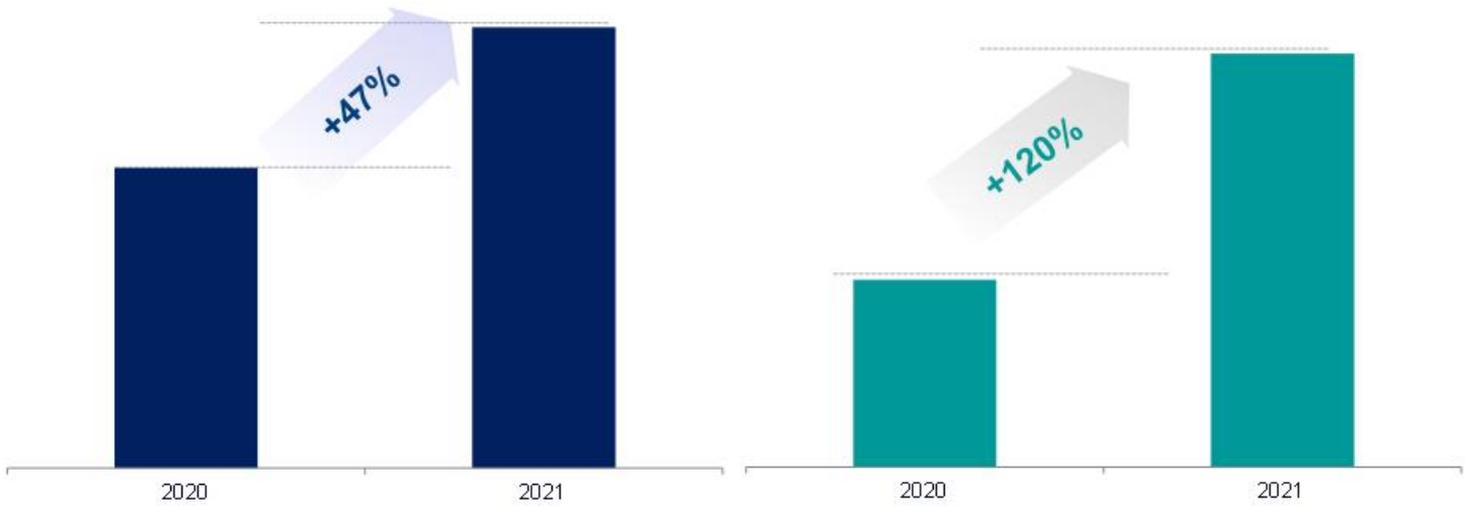
### Quarterly Gross Profit (\$ Millions)



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## Revenue

## Non-GAAP EPS



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- Goal 1: \$1B Market Cap ✓
- Goal 2: \$1B Annual Revenue ✓
- Goal 3: \$1B Gross Profit
- Goal 4: \$1B Profit Before Tax

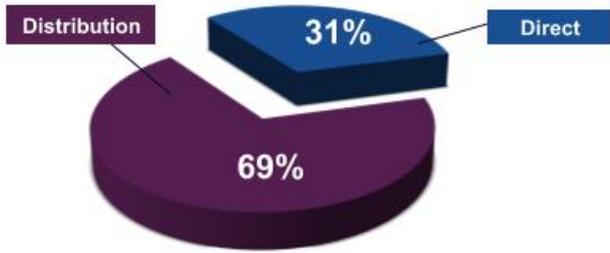
## 2025 Targets

Gross Profit:	\$1B
Gross Margin:	40%
Revenue:	\$2.5B

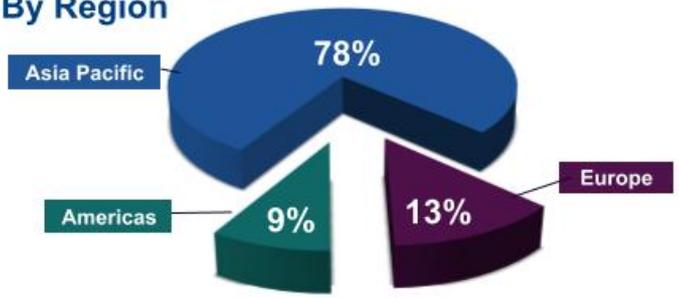


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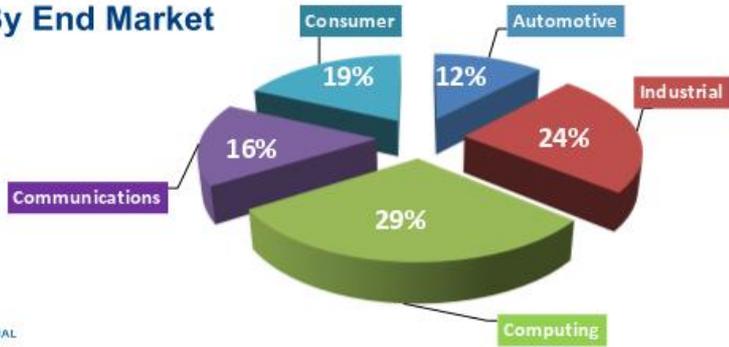
### By Channel



### By Region



### By End Market



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(\$ in millions, except per share amounts)	4Q20	3Q21	4Q21
Net sales	350.4	471.4	480.2
Gross profit (GAAP)	122.7	181.2	190.7
Gross profit margin % (GAAP)	35.0%	38.4%	39.7%
Net income (GAAP)	29.7	68.4	65.5
Net income (non-GAAP)	37.3	67.3	73.3
Diluted EPS (non-GAAP)	0.74	1.47	1.60
Cash flow from operations	60.8	98.9	77.6
EBITDA (non-GAAP)	67.1	114.5	139.0



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(\$ in millions)	Dec 31, 2019	Dec 31, 2020	Dec 31, 2021
Cash/Cash equivalents/restricted cash plus short-term investments	264	327	373
Inventory	236	307	349
Current Assets	810	1,024	1,188
Total Assets	1,639	1,980	2,194
Total Debt (L/T, S/T, Line of Credit)	111	451	301
Total Liabilities	487	963	892
Total Equity	1,153	1,016	1,303



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- **Revenue to increase to ~\$480 million, +/- 3.0%**
  - which at the mid-point is better than typical seasonality of down 5 percent
- **GAAP gross margin of 39.7%, +/- 1%** on a consolidated basis
- **Non-GAAP operating expenses 21.0% of revenue, +/- 1%**, which are GAAP operating expenses adjusted for amortization of acquisition-related intangible assets
- **Net Interest expense of ~\$1.4 million**
- **Income tax rate to be 18.4%, +/- 3%**
- Shares used to calculate diluted EPS approximately **46.3 million**
- Purchase accounting adjustments related to amortization of acquisitions-related intangible assets of \$3.3 million, after tax, for Pericom and previous acquisitions is not included in these non-GAAP estimates

- **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



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**DIODES**  
INCORPORATED

**Thank you**



[www.diodes.com](http://www.diodes.com)

For the twelve months ended Dec. 31, 2021

	Operating Expenses	Other Income (Expense)	Income Tax Provision	Net Income
<b>Per-GAAP</b>				<b>\$ 228,763</b>
Diluted earnings per share (Per-GAAP)				<b>\$ 5.00</b>
<b>Adjustments to reconcile net income to non-GAAP net income:</b>				
Amortization of acquisition-related intangible assets	16,216		(2,974)	<b>13,242</b>
Acquisition-related costs	2,816		(591)	<b>2,225</b>
LSC investments related		(28,018)	29,609	<b>1,591</b>
Gain on sale of manufacturing subsidiary		(9,446)	-	<b>(9,446)</b>
Restructuring costs	961		(144)	<b>817</b>
<b>Non-GAAP</b>				<b>\$ 237,192</b>
Diluted shares used in computing earnings per share				<b>45,781</b>
<b>Non-GAAP diluted earnings per share</b>				<b>\$ 5.18</b>

Note: Included in GAAP and non-GAAP net income was approximately \$26.2 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 \$0.10 per share.



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# GAAP to Non-GAAP Reconciliation

For the twelve months ended Dec. 31, 2020					
	COGS	Operating Expenses	Other Income (Expense)	Income Tax Provision	Net Income
<b>Per-GAAP</b>					\$ <b>98,088</b>
<b>Diluted earnings per share (Per-GAAP)</b>					\$ <b>1.88</b>
<b>Adjustments to reconcile net income to non-GAAP net income:</b>					
Amortization of acquisition-related intangible assets		16,261		(2,991)	<b>13,270</b>
Acquisition-related financing costs			9,395	(2,064)	<b>7,331</b>
Acquisition-related costs	306	2,521	59	(520)	<b>2,366</b>
Restructuring Cost		2,471		(462)	<b>2,009</b>
Board-member retirement costs		1,705		(358)	<b>1,347</b>
LSC investments related			(2,143)	429	<b>(1,714)</b>
<b>Non-GAAP</b>					\$ <b>122,697</b>
Diluted shares used in computing earnings per share					<b>52,133</b>
<b>Non-GAAP diluted earnings per share</b>					\$ <b>2.35</b>

Note: Included in GAAP and non-GAAP net income was approximately \$18.6 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 \$0.36 per share.



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# Investor Relations

**Diodes Incorporated (DIOD)**

Plano, TX

February 2022



[www.diodes.com](http://www.diodes.com)

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## 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



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## 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



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



**Vision: Profitability Growth to Maximize Shareholder Value**

**Our Core Values: Integrity, Commitment, Innovation**



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## Global Operations and World-class Manufacturing & Packaging

- NASDAQ: DIOD; Founded in 1959
- Headquartered in Plano, TX; 31 locations globally
- Manufacturing in UK, Germany, China, and Taiwan
- ISO 9001:2015 Certified / IATF 16949:2016 Certified
- ISO 14001:2015 Certified
- Key acquisitions:
  - Lite-On Semiconductor – Nov. 2020
  - TI Greenock fab - April 2019
  - Pericom Semiconductor – Nov. 2015
  - BCD Semiconductor - March 2013
  - Power Analog Microelectronics (PAM) - Oct. 2012
  - Zetex - June 2008
  - Advanced Power Devices - Nov. 2006
  - Anachip Corporation Taiwan - Jan. 2006
- Over 9,000 employees worldwide
- 30 consecutive years of profitability



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**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.**



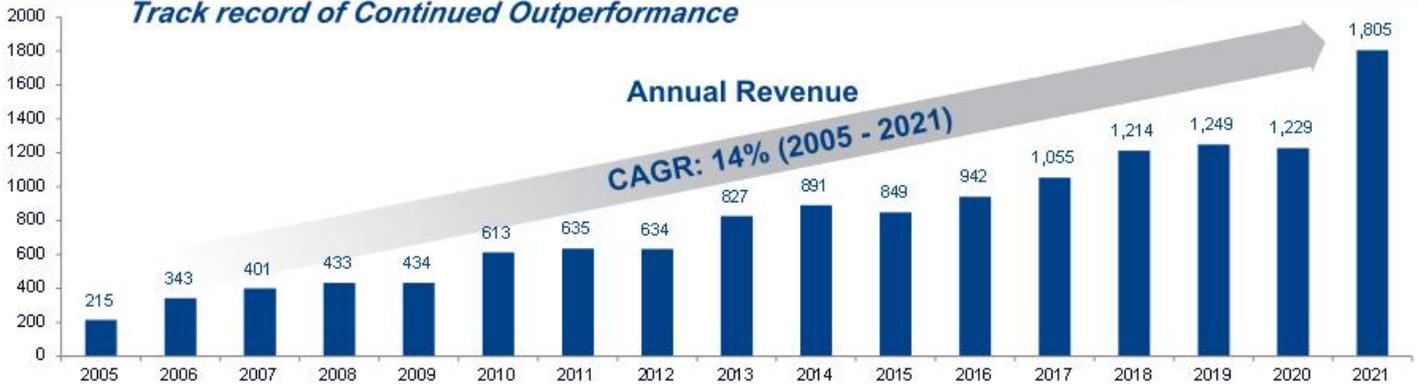
- Key focus areas regularly reviewed by our Board of Directors
- Instituted a cross-functional Sustainability Steering Team to address the sustainability related risks and opportunities
- The Sustainability Steering Team provides periodic updates to the Board of Directors



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Please refer to [Governance and Oversight](#) for additional details

## Track record of Continued Outperformance

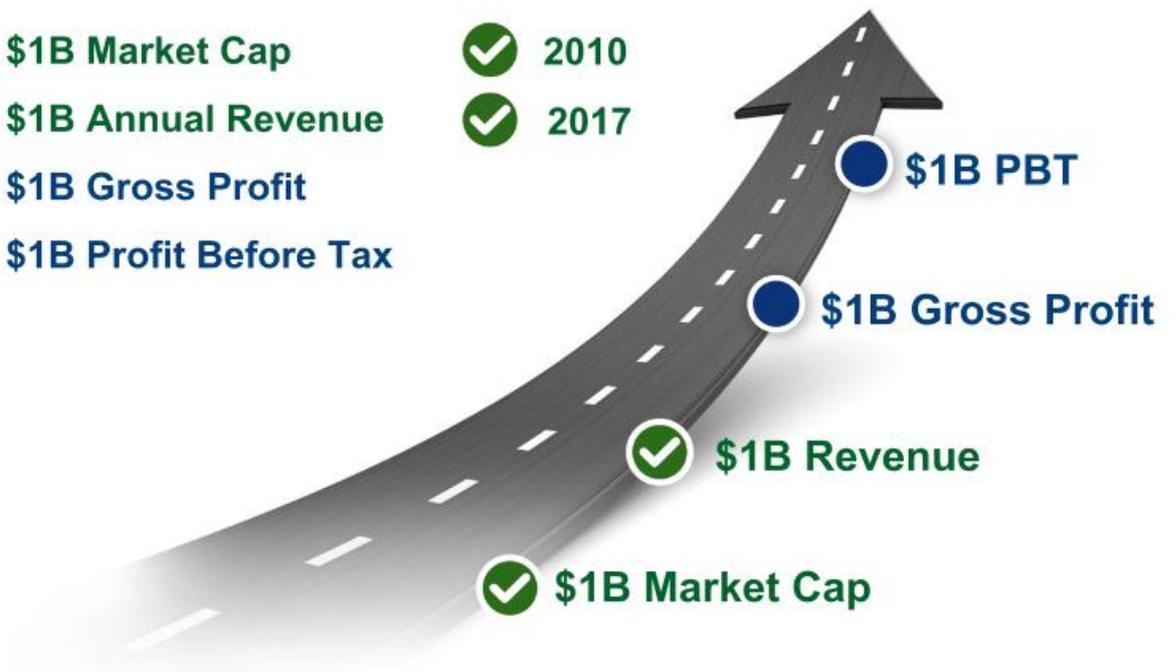


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- Goal 1: \$1B Market Cap
- Goal 2: \$1B Annual Revenue
- Goal 3: \$1B Gross Profit
- Goal 4: \$1B Profit Before Tax

✓ 2010

✓ 2017



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## Mission:

Profitability growth to  
expand shareholder value

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## Strategy:

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

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## Goal:

\$1B Gross Profit by 2025



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**~40% of  
revenue**  
(36% for 4Q2021)

## Automotive

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

## Industrial

- Embedded systems and precision controls

**~60% of  
revenue**

## Consumer

- IoT: wearables, home automation, smart infrastructure

## Communications

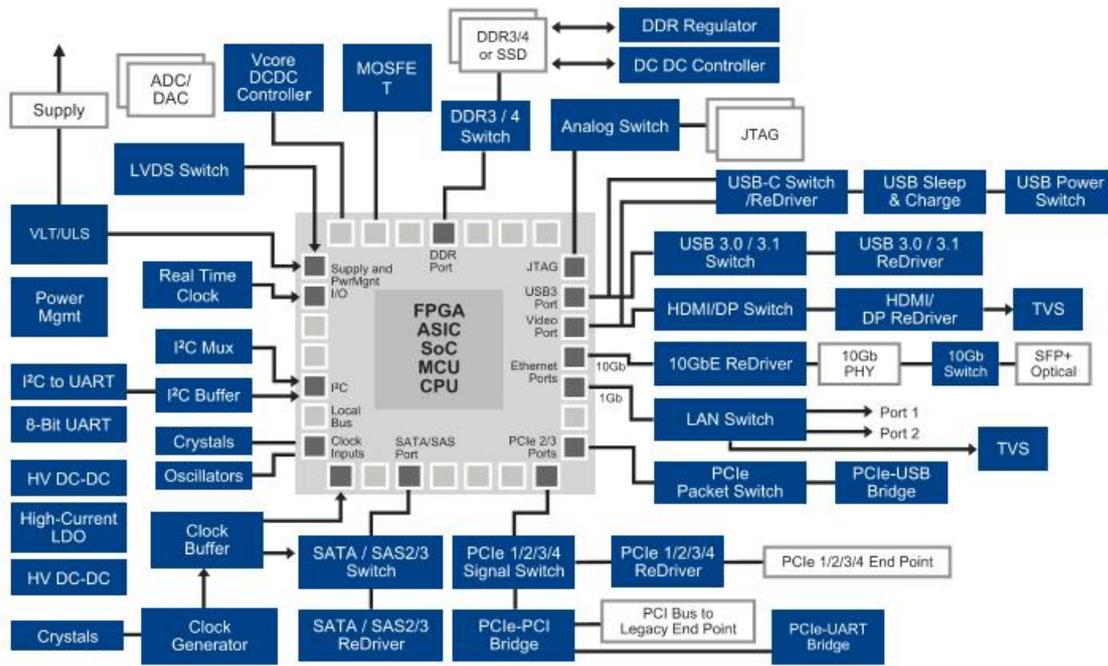
- Smartphones: advanced protocols and charging

## Computing

- Cloud computing: server, storage, data centers



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Example: Industrial, Embedded Applications

## Focus Applications:

### Connected Driving

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

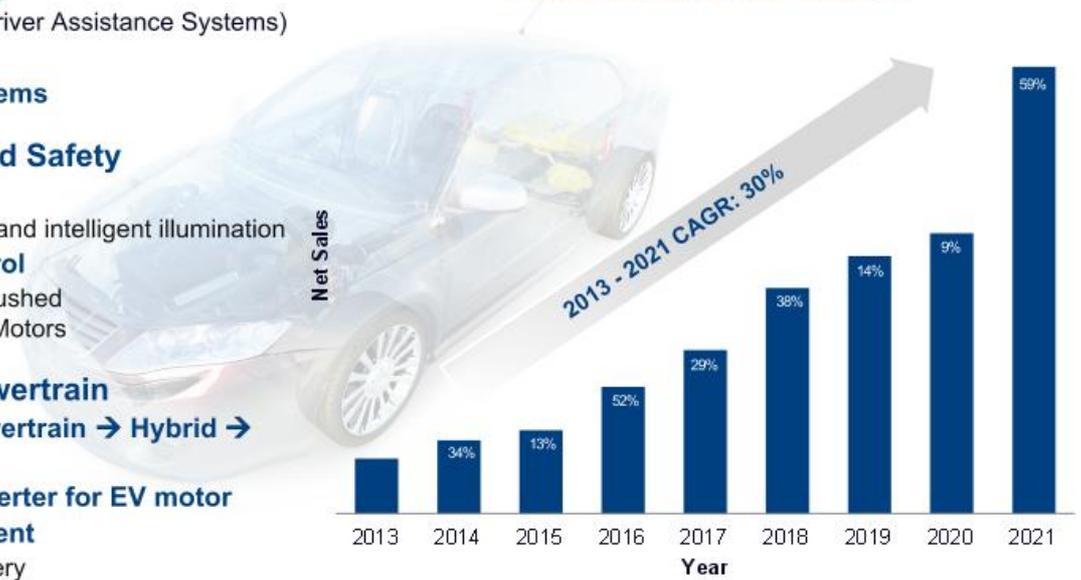
### Comfort, Style, and Safety

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

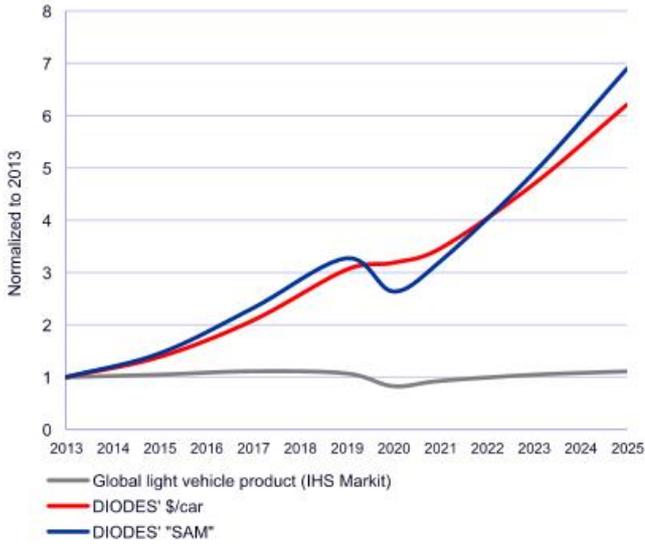
### Electrification/Powertrain

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

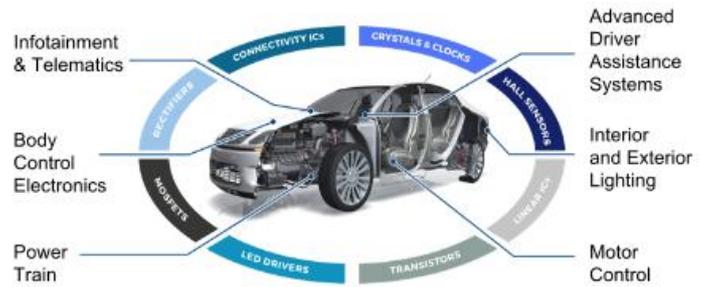
## Automotive Revenue



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Car & LV Volumes – IHS Markit 2020  
 Diodes' SAM = volume \* \$/car



2022 Automotive Potential Revenue	\$ / Car
Automotive Motor Control	\$41
Connected Driving (Infotainment, Telematics & ADAS)	\$36
Powertrain, Electrification & Body Control Electronics	\$17
Lighting – Moving to LED	\$13
<b>Total</b>	<b>\$107</b>





- 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



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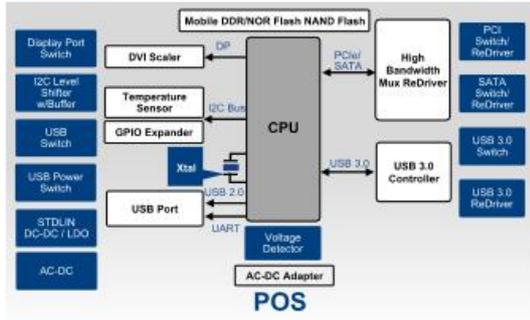
## Industrial Revenue



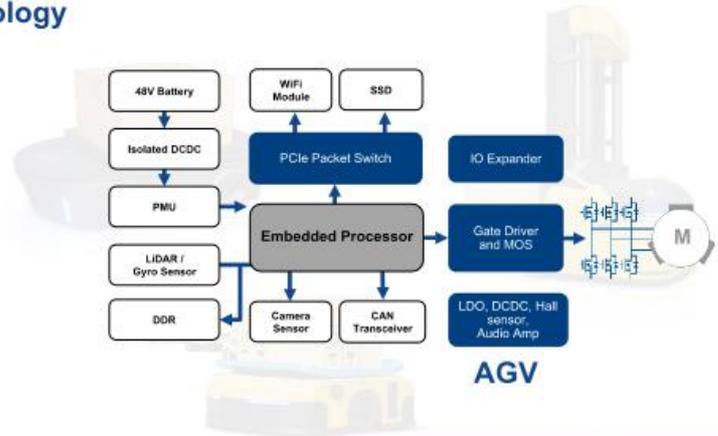
- **M2M – Dominated by short range technology**
  - 73% are short range, mostly Wi-Fi
- **2017: connections @ 750 million**
- **2023: connections @ 2600 million**

## 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)



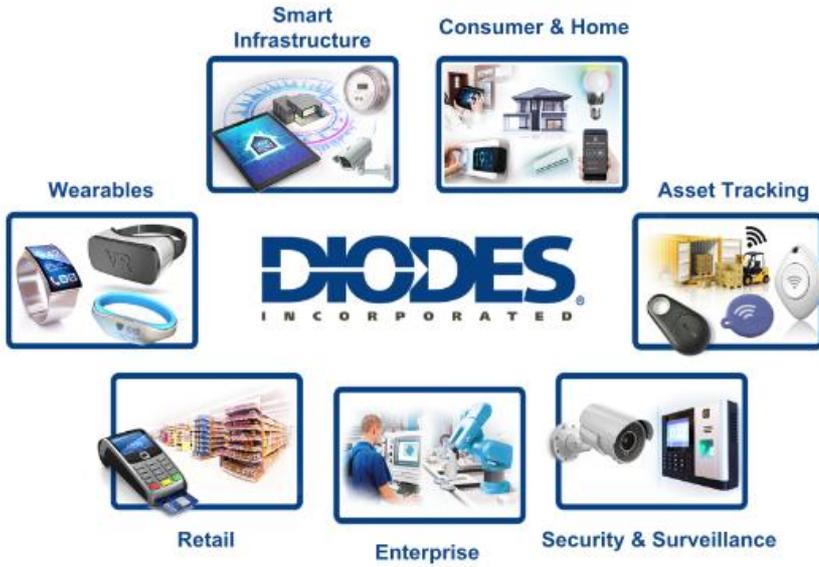
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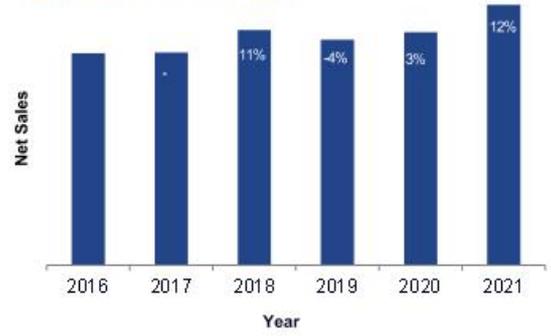
## Growth Opportunities:

- 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
<b>Total</b>	<b>\$23.10</b>



Consumer Revenue



Diodes' Key Products	\$ / Box
Analog	>\$0.20
Power Management	>\$1.30
MOS/BJT	>\$10.00
Diodes and Rectifiers	>\$5.00
Timing and Connectivity	\$3.50
<b>Total</b>	<b>\$20.00</b>



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

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

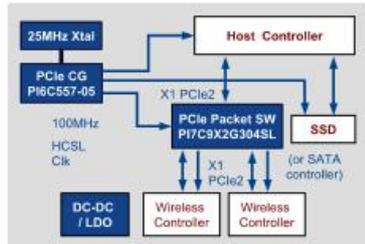
## Growth Opportunities

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

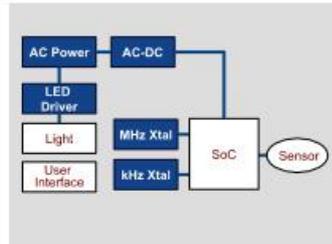


Diodes' Key Products	\$ / Box
Analog	\$0.40 ~ \$0.65
Power Management	\$1.80
MOS/BJT	\$1.10
Diodes and Rectifiers	\$0.50
Timing and Connectivity	\$3.50
<b>Total</b>	<b>\$7.55</b>

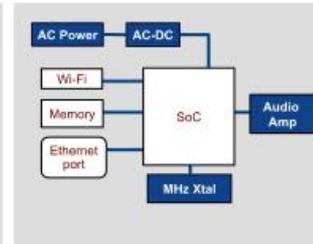
### Smart Home Gateway



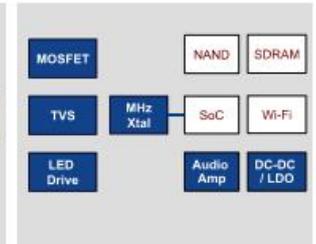
### Smart Lighting



### Smart Speaker



### Digital Assistant



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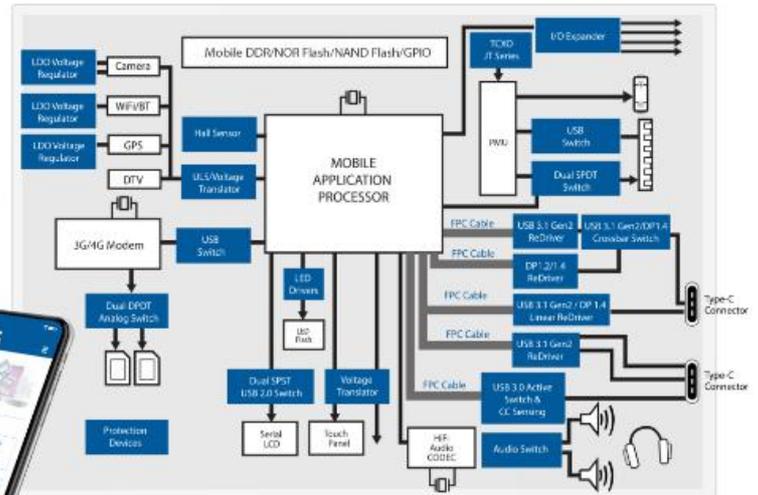
## Driving Smartphone Growth

- Smart speaker/IoT rising
- AR / VR
- Foldable screens
- 5G
- Smartwatches

## Growth Opportunities

- USB Type-C
- MUX
- MOSFET
- LDO, OVP LDSW, Audio, DCDC, LED/OLED Driver, ACDC

Diodes' Key Products	\$ / Phone
Analog	\$0.55
Power Management	\$1.50
MOS/BJT	\$0.33
Diodes and Rectifiers	\$0.42
Timing and Connectivity	\$3.00
<b>Total</b>	<b>\$5.80</b>

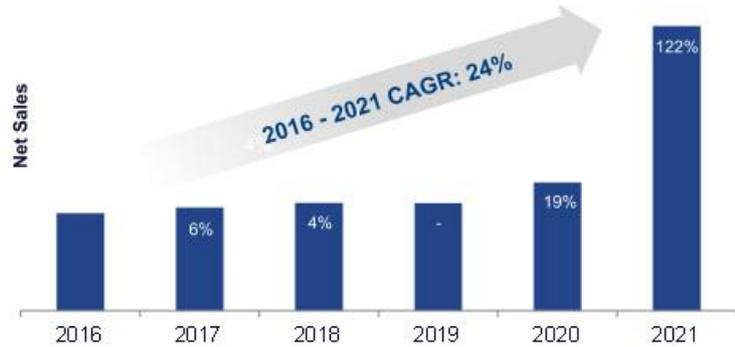


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- ReDriver support for PCIe or USB connectivity
- Wide range of signal protocols: PCIe, SAS, SATA, GbE, USB
- MUX products for high capacity solid state storage
- Crystal oscillators for increasing clocking speeds
- LDOs, SBR, and TVS for power management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



## Compute

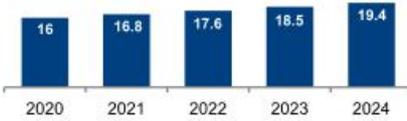


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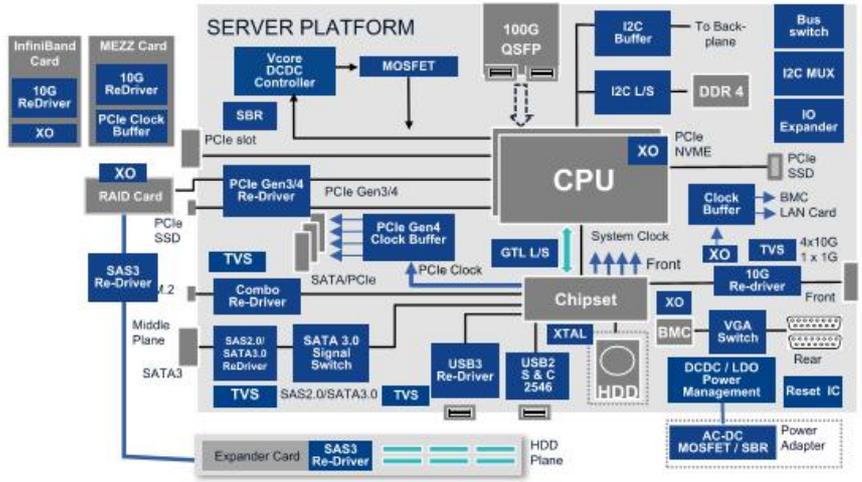
## Server Platform Solution

- CAGR is 5% (2020-2024)
- 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	2.31
Discrete	3.41
Timing and Connectivity	23.34
<b>Total</b>	<b>\$29.06</b>



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## Focus Applications:

### Cloud Computing

- Data Center Server

### Gateway

- Internet Gateway
- Fiber network

### Core Network, Cell Stations

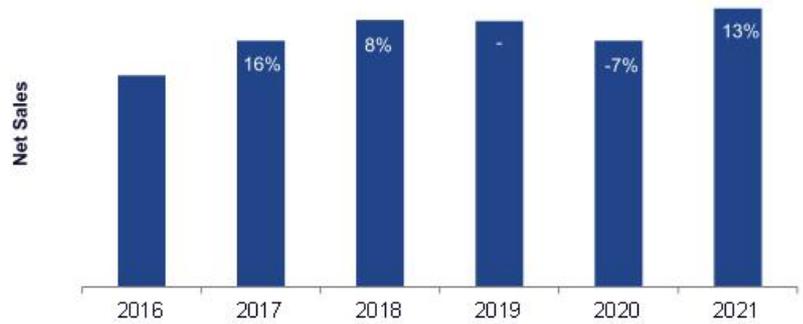
- Small Cells
- Base Station
- Edge Computing Server
- Smart antenna
- Fiber network

### End Products

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



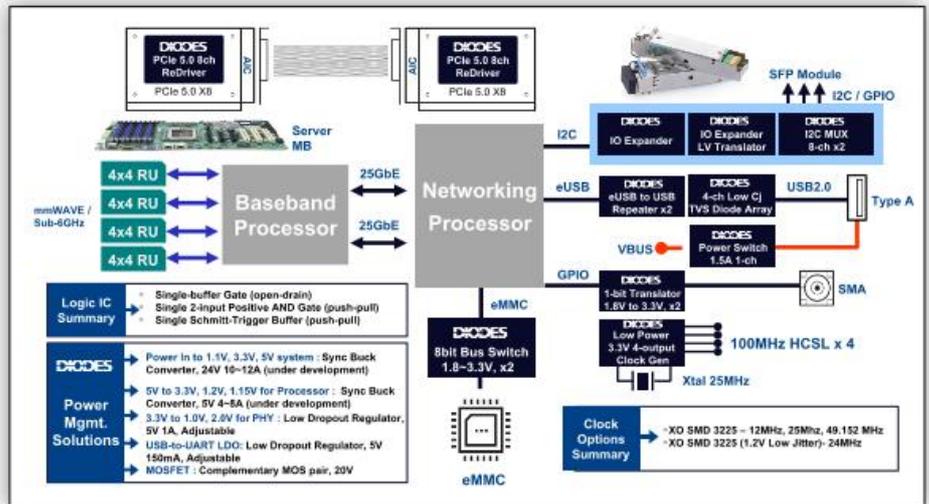
## Communications Revenue



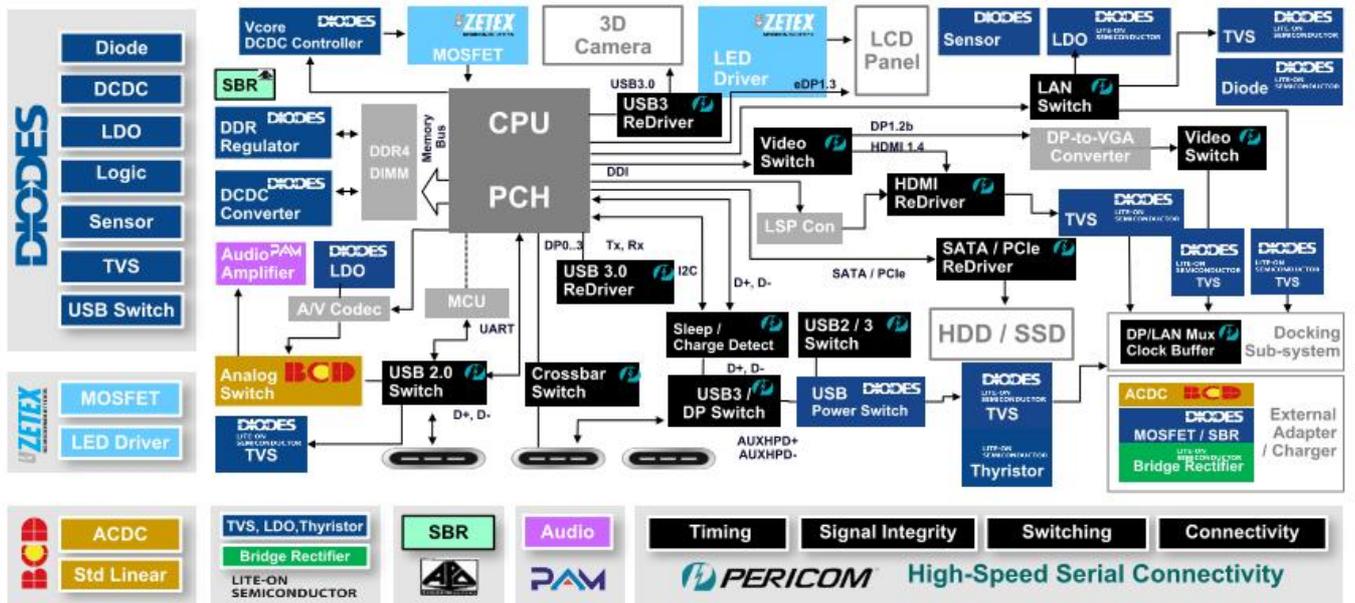
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- Advanced Solution in Signal Integrity, Signal/Bus/Power Switches and IO Expanders for diversified networking applications
- Global Logistics provide cost-competitive solution with industry standard pin-outs and flexible package options

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



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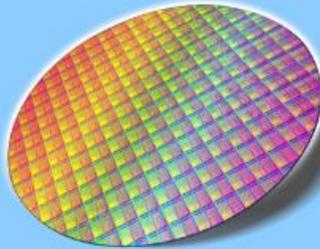
## Products



- 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 IoT
- Low  $C_j$  TVS for signal integrity
- Lowest  $R_{DS(ON)}$  LDMOS for battery efficiency

## 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



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## Wafer Fabs

- China fabs: Shanghai and Wuxi
- Taiwan fabs: Hsinchu and Keelung
- UK fabs: 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



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(\$ in millions, except per share amounts)	4Q20	3Q21	4Q21
Net sales	350.4	471.4	480.2
Gross profit (GAAP)	122.7	181.2	190.7
Gross profit margin % (GAAP)	35.0%	38.4%	39.7%
Net income (GAAP)	29.7	68.4	65.5
Net income (non-GAAP)	37.3	67.3	73.3
Diluted EPS (non-GAAP)	0.74	1.47	1.60
Cash flow from operations	60.8	98.9	77.6
EBITDA (non-GAAP)	67.1	114.5	139.0



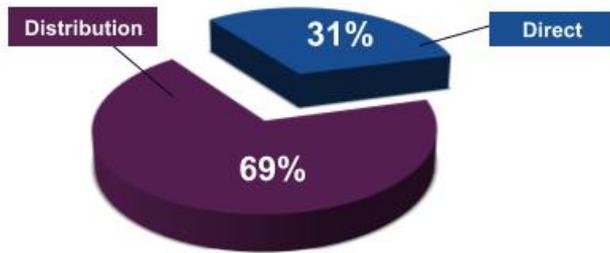
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(\$ in millions)	Dec 31, 2019	Dec 31, 2020	Dec 31, 2021
Cash/Cash equivalents/restricted cash plus short-term investments	264	327	373
Inventory	236	307	349
Current Assets	810	1,024	1,188
Total Assets	1,639	1,980	2,194
Total Debt (L/T, S/T, Line of Credit)	111	451	301
Total Liabilities	487	963	892
Total Equity	1,153	1,016	1,303

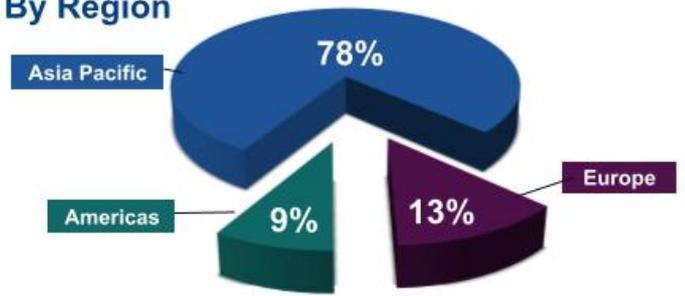


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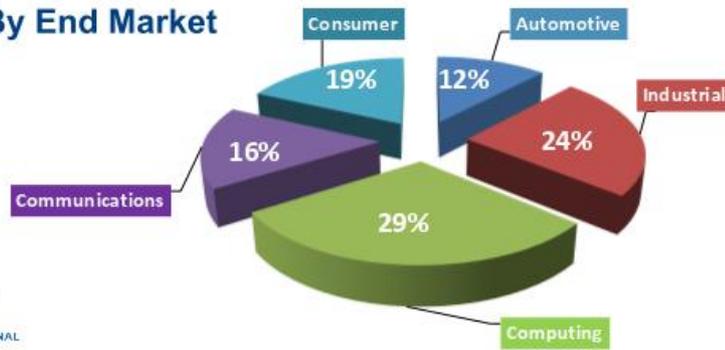
### By Channel



### By Region



### By End Market



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- **Revenue to increase to ~\$480 million, +/- 3.0%**
  - which at the mid-point is better than typical seasonality of down 5 percent
- **GAAP gross margin of 39.7%, +/- 1%** on a consolidated basis
- **Non-GAAP operating expenses 21.0% of revenue, +/- 1%**, which are GAAP operating expenses adjusted for amortization of acquisition-related intangible assets
- **Net Interest expense of ~\$1.4 million**
- **Income tax rate to be 18.4%, +/- 3%**
- Shares used to calculate diluted EPS approximately **46.3 million**
- Purchase accounting adjustments related to amortization of acquisitions-related intangible assets of \$3.3 million, after tax, for Pericom and previous acquisitions is not included in these non-GAAP estimates



*\*Guidance as provided on February 9, 2022*

- **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



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**Thank you**



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