

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): September 8, 2017

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, TX  
(Address of Principal Executive Offices)

75024  
(Zip Code)

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

Not Applicable  
(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 (see General Instructions A.2. below):

- 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))
- 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 September 8, 2017, are attached herewith as Exhibit 99.1 and Exhibit 99.2.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits.

<u>Exhibit Number</u>	<u>Description</u>
99.1	Corporate Presentation Slides
99.2	Corporate Presentation Slides

**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 hereunto duly authorized.

Dated: September 8, 2017

DIODES INCORPORATED

By /s/ Richard D. White  
RICHARD D. WHITE  
Chief Financial Officer

**Index to Exhibits**

<u>Exhibit Number</u>	<u>Description</u>
99.1	<a href="#">Corporate Presentation Slides</a>
99.2	<a href="#">Corporate Presentation Slides</a>



# Diodes Incorporated Corporate Direction



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

# Vision: Create Shareholder Value

- Goal 1: \$1B Market Cap ✓ 2010
- Goal 2: \$1B Annual Revenue ✓ 2017\*
- Goal 3: \$1B Gross Profit
- Goal 4: \$1B Profit Before Tax

✓ \$1B Market Cap

✓ \$1B Revenue

● \$1B Gross Profit

● \$1B PBT

\* 3Q guidance midpoint: \$280M  
4Q analyst estimate: \$265M

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# Shifting Gears to Profitability Growth

## Mission:

**Profitability** growth to  
**expand** shareholder value

## Strategy:

Grow revenue to \$2.5B  
at 40% GPM

## Goal:

\$1B Gross Profit by 2025



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# Business Model

	2017		2025
NR	\$1B	→	2.5B
GP%	35%	→	40%
GPM	\$350M	→	\$1B
R&D%	5%	→	7%
SG&A%	15%	→	13%
<hr/>			
PFO	15%	→	20%



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# Market Focus: Balanced Portfolio

Market Segment ~ 20% each

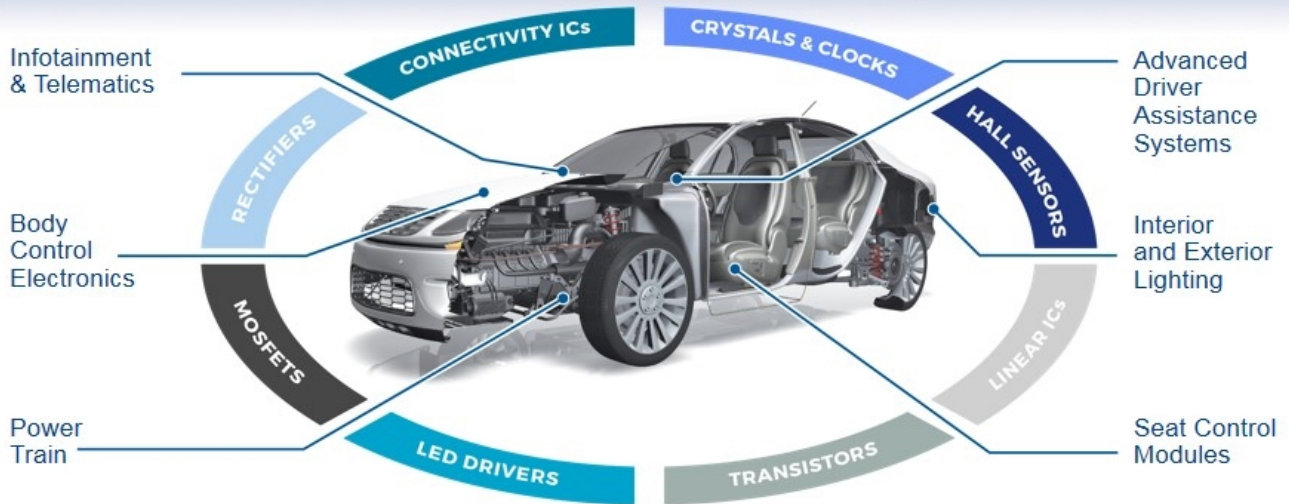
- **Automotive**
  - Adaptive lighting, body controls and connected driving
- **Industrial**
  - Embedded systems and precision controls
- **Consumer**
  - IoT: Wearables, home automation, and smart infrastructure
- **Communication**
  - Smart phones: advanced protocols and charging
- **Computing**
  - Cloud computing: server, storage and data centers

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# Extensive Portfolio of Automotive Products



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# Industrial: Automation and Precision Controls

- 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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# IoT Driving Power and Connectivity Requirements

Smart Infrastructure



Consumer & Home



Wearables



Asset Tracking



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Retail



Enterprise



Security & Surveillance

- Ultra low power for battery operated, IoT applications
- Serial protocols and switching for networked systems
- Noise immunity for integrated cameras and sensors

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# Efficiency, Functionality and Control for Smart Phones

- Focus on signal integrity and higher data rates
- Proliferation of USB Type-C™ connectivity and power delivery
- Power regulation and protection for new features
- Advanced power solutions for quick charge protocols



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# Cloud Computing Accelerating Enterprise Market



- ReDriver support for 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

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# Technology Focus

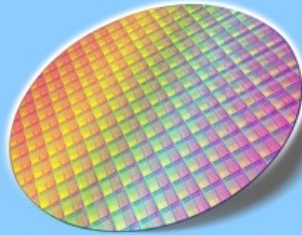
## Products



- 20Gbps ReDrivers and Switches
- Automotive Packet Switch for Telematics / ADAS
- Complete USB Type-C™ Signal Switching
- High speed clocking 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

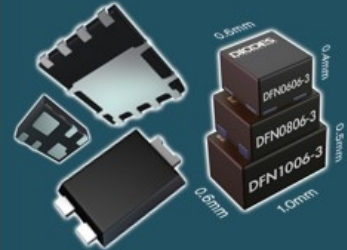
## Wafer Fab

- 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



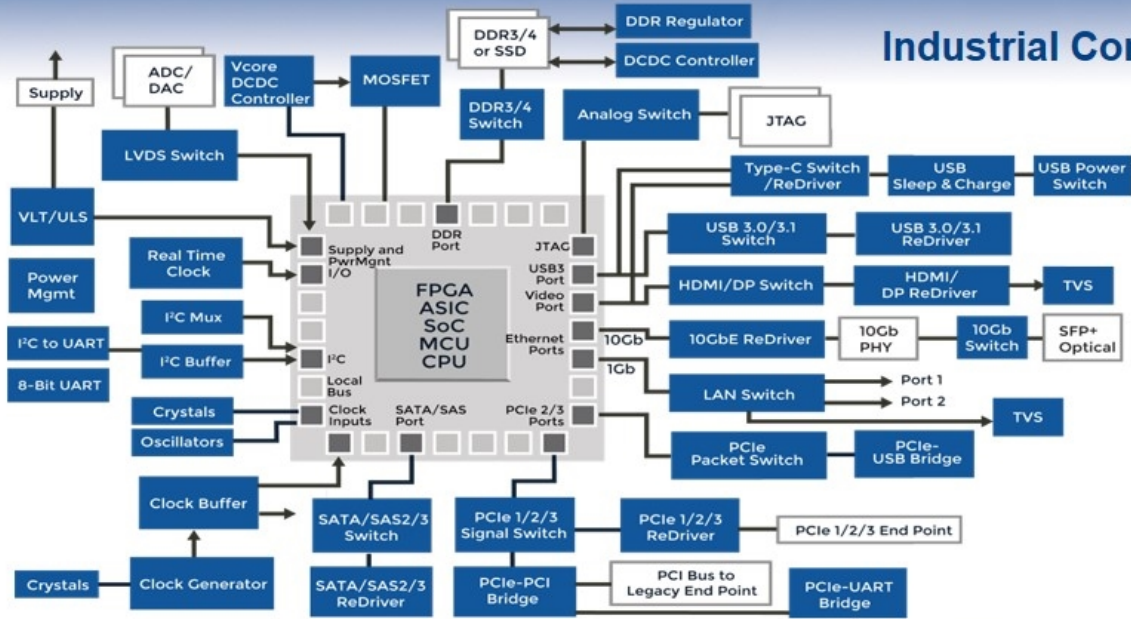
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# System Focus

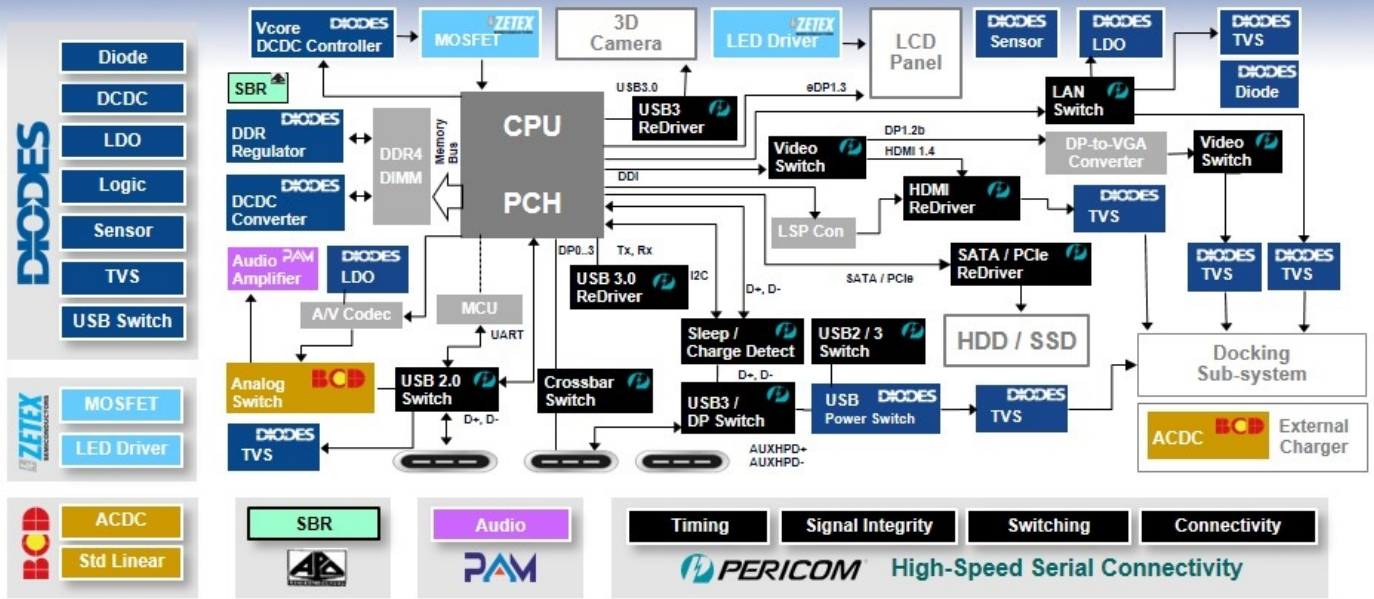
## Industrial Controls



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# Complete Platform Solutions: Notebooks



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# Market Success Focus

## Market Expansion through Duplication of Success



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# Summary

- **Vision: Expand shareholder value**
- **Mission: Profitability growth to drive 20% PFO**
- **Next Strategic Goal: \$1B gross profit**
- **Strategy: \$2.5B revenue at 40% GPM**
- **Tactics:**
  - **Increased focus on Automotive and Industrial markets**
  - **Investment for technology leadership in target products, fab processes, and advanced packaging**
  - **Systems solutions to drive business expansion**



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**Thank you**





## Investor Relations Presentation

September 2017



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# Safe Harbor Statement

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 third quarter 2017 business outlook as of August 8, 2017, which include the following: expect revenue to range between \$270 million and \$290 million, or up 2.2 to 9.8 percent sequentially; expect GAAP and non-GAAP gross margin to be 34.5 percent, plus or minus 1 percent; non-GAAP operating expenses, which are GAAP operating expense adjusted for KFAB closure costs, retention costs, and amortization of acquisition-related intangible assets, are expected to be approximately 22.5 percent of revenue, plus or minus 1 percent; expect net interest expense to be approximately \$3.0 million; expect tax rate to be 30.0 percent, plus or minus 3 percent; shares used to calculate diluted EPS for the second quarter are anticipated to be approximately 50.3 million; purchase accounting adjustments for Pericom and previous acquisitions of \$3.1 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 such expectations may not be met; the risk that the expected benefits of acquisitions may not be realized or that integration of acquired businesses, such as Pericom, may not continue as rapidly as we anticipate; 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 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 change 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 August 8, 2017 titled, "Diodes Incorporated Reports Second Quarter 2017 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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## Dr. Keh-Shew Lu

President and CEO

Diodes Incorporated	Since 2005
Texas Instruments	27 years

### Experience:

- Senior Vice President of TI Worldwide Analog and Logic
  - President of Texas Instruments – Asia

### Education:

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



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A leading global manufacturer and supplier of high-quality **application specific, standard products** within the broad discrete, logic and analog markets, serving the **consumer, computing, communications, Industrial and automotive** segments.



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

- NASDAQ: DIOD
- Founded in 1959
- Headquartered in Plano, TX; 21 locations globally
- Manufacturing in UK, Germany, China and Taiwan
- ISO9001:2008 Certified / TS16949:2009 Certified  
ISO14001 Certified
- Key acquisitions:
  - Anachip Corporation, Taiwan Jan. 2006
  - Advanced Power Devices Nov. 2006
  - Zetex June 2008
  - Power Analog Microelectronics (PAM) Oct. 2012
  - BCD Semiconductor Mar. 2013
  - Pericom Semiconductor Nov. 2015
- Over 7,692 employees worldwide
- 26 consecutive years of profitability



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## 2016: Record Annual Revenue & Gross Profit



### 2016 Financial Highlights:

- Revenue increased 11% to \$942.2 million; Gross margin improved 120 basis points to 30.5%
- GAAP net income was \$15.9 million, or \$0.32 per share; Non-GAAP net income was a \$38.4 million, or \$0.77 per share
  - Generated significant cash flow:
    - \$124.7 million cash flow from operations and \$66.2 million free cash flow
- \$29.4 million net cash flow, includes pay-down of \$36.4 million of long-term debt and \$18 million for share buyback



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## *Benefiting from Strong Operating Leverage*

- Surpassed the \$500 million revenue mark in 1H17
- Positioned to achieve \$1 billion annual revenue goal in 2017
- Successfully integrated Pericom; capitalizing on cross-selling synergies
  - 8” front-end manufacturing capabilities for discrete products
- Favorable growth trends in target end markets: Automotive, Industrial, Comms
  - Advancing toward target business model:
    - *35% gross margin, 20% operating expense, 15% operating margin*
  - Forward strategy focused on profitability growth



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## Then

To consistently achieve above-market profitable growth, utilizing our innovative and cost-effective packaging and silicon technology, suited for high-volume, high-growth markets by leveraging process expertise and design excellence to deliver high quality semiconductor products.

## Now

### To focus on:

- driving profitability growth
- capitalizing on increased operating leverage to generate expanding earnings
- cross-selling broad product & silicon technology portfolio
- improving margins through manufacturing efficiencies



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- **LED Backlighting**

- LED Drivers

- **LED Flash Module**

- Boost Converters
  - Schottky Diodes
  - Camera Flash Drivers

- **LCD/OLED Display Bias**

- LCD Bias ICs

- OLED Bias ICs

- Schottky Diodes

- System Power Conversion

- Low Dropout Regulators

- DC-DC Converters

- Voltage References

- Synchronous MOSFET Controller

- **Battery Power Management**

- Low Power SBR and Schottkys

- USB Power Switches

- Bridge Rectifier Diodes

- Current Monitors

- Charger ICs

**DIODES** ANALOG  
 LOW SATURATION BIPOLAR TRANSISTORS  
 ZENER SERIES MOSFETS



- **GPS Antenna Detection**

- Current Monitors

- **RF Power Amplifier**

- **Low Dropout Regulators**

- **System Voltage Conversion**

- Low Dropout Regulators

- DC-DC Converters

- Schottky Diodes

- USB Power Switches

- Low Saturation Bipolar Transistors

- **Keypad Backlighting**

- LED Drivers

- Boost Converters

- Schottky Diodes

- Audio Amplifier

- Class D Amplifier

- Braking Con

- Voltage Re

- IntelliF

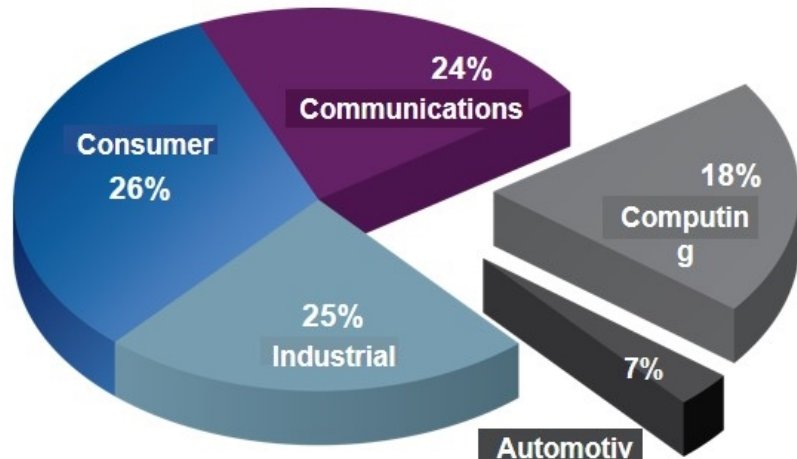
- MOSFI

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Key focus areas:

- Consumer
  - IoT
  - USB Type-C
  - Power Devices
- Computing
  - Cloud & Data Center
  - USB Type-C
- Communications
  - Smartphones
  - Quick/Wireless Charging
- Industrial
  - Power Devices



**Automotive**  
\*targeting 10% of revenue

(near-term)

Percentages based on 2017 revenue

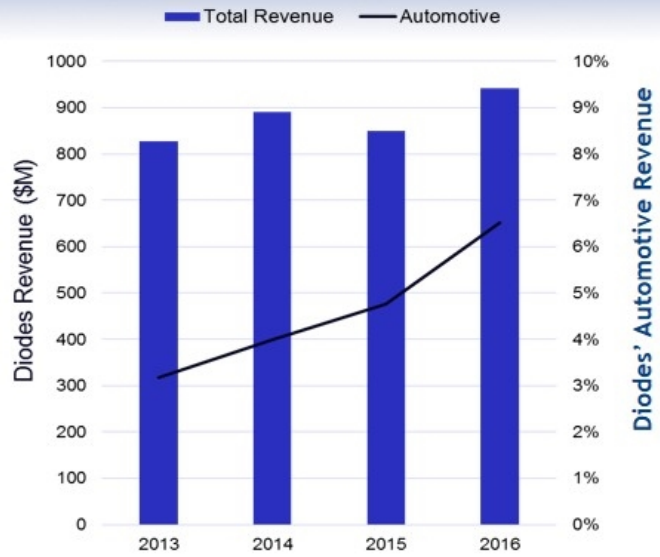
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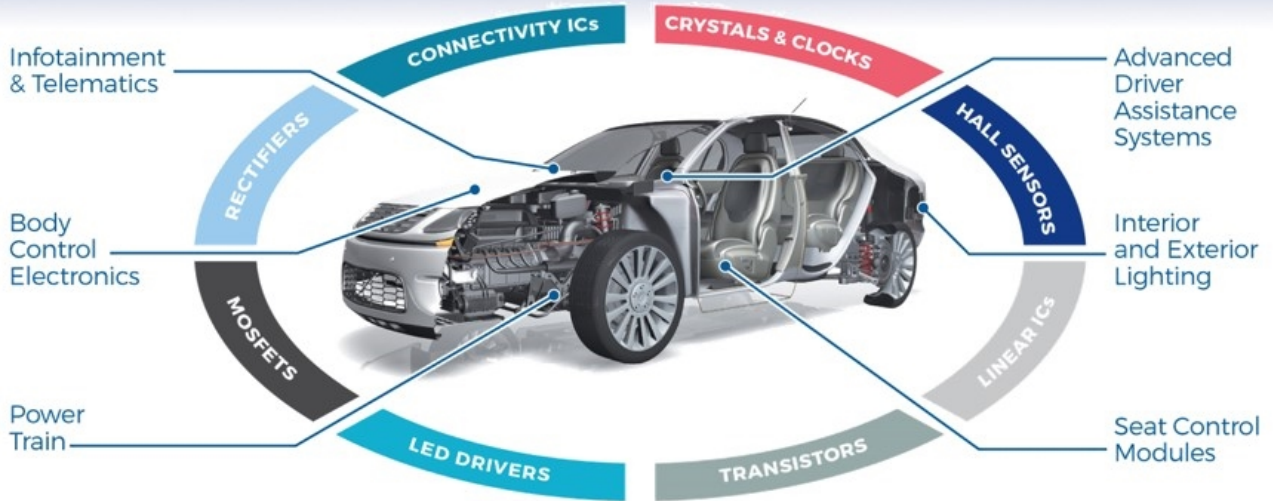
- Auto revenue has doubled over last 3 years
  - Leveraging expertise in European auto market
  - Key growth drivers:
    - Infotainment
    - Body Control
  - Innovation focused on:
    - Motor Drive
    - LED Lighting
  - Connected Driving
- Developing solutions with chipset vendors and global OEMs



chipset vendors and global OEMs



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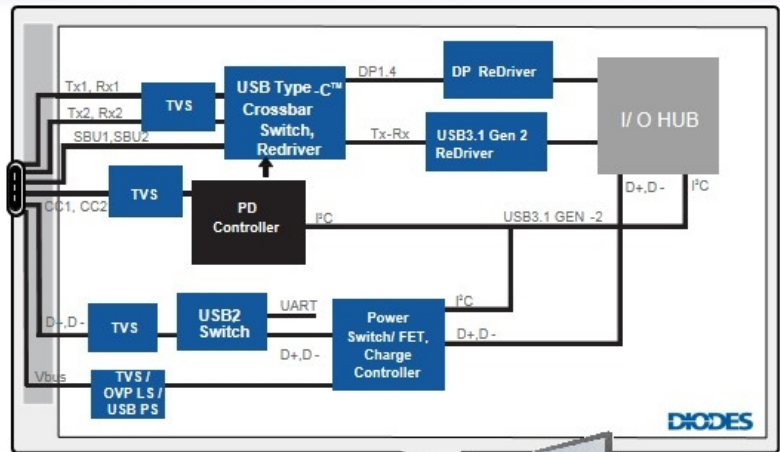
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Growing trend toward USB Type-C connectors driven by Thunderbolt 3 standard:

- Increased data transfer speeds
  - Greater power delivery
  - Support for video streaming



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## Focus: Miniaturization and Power Efficiency



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Current

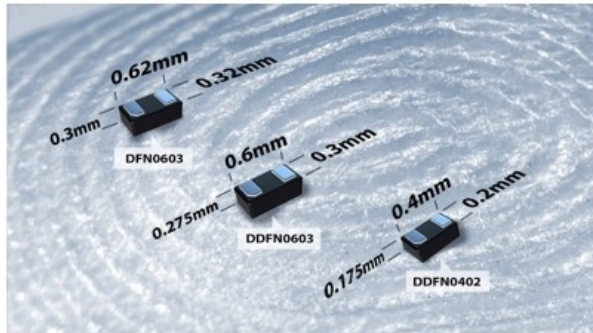
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## Miniaturization and Multi-Chip Packaging

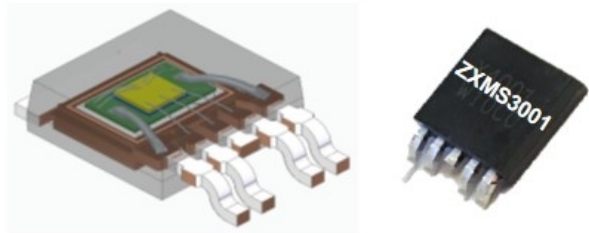
### Miniaturization

**DDFN0402**  
the smallest discrete  
semiconductor package



### Multi-Chip Packaging

Dual-Flat No-Lead (DFN)  
DDFN (Encapsulated CSP)  
Chip-Scale Package (CSP)  
HS IntellIFET: ZXMS3001



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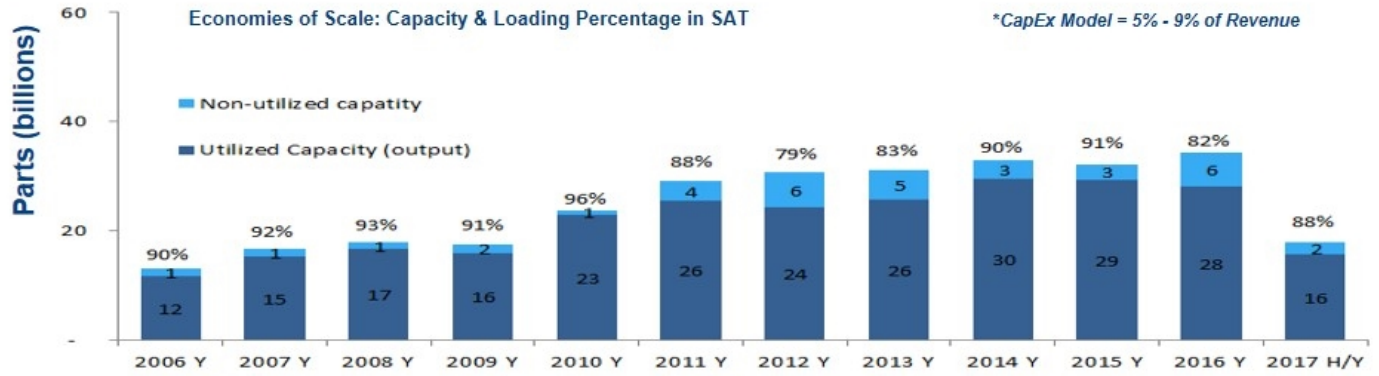
## Packaging

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



## Wafer Fabs

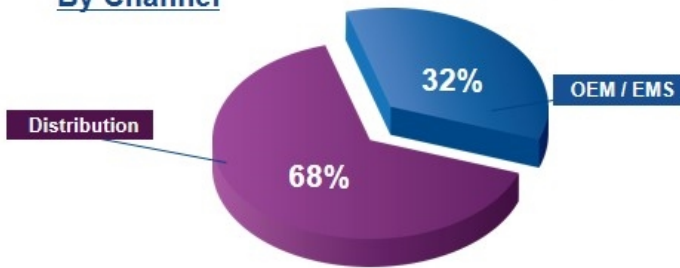
- Two fabs in Shanghai (6" and 8"), one discrete fab in Oldham, UK (6")
- Bipolar, BiCMOS, CMOS & BCD process
- Strong engineering capabilities



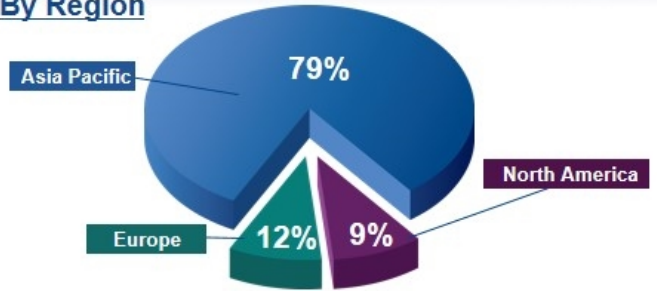
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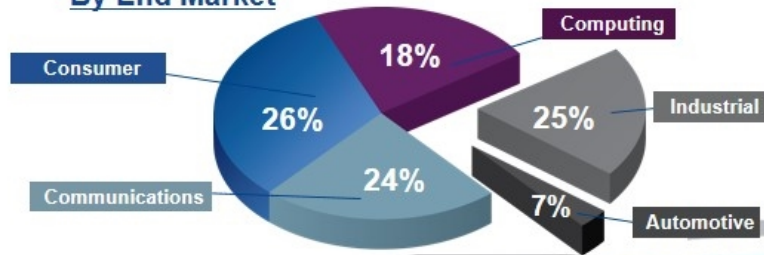
### By Channel



### By Region



### By End Market



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In millions, except per share	2Q16	1Q17	2Q17	YoY
Revenue	\$236.6	\$236.3	\$264.2	11.7%
Gross Profit (GAAP)	\$74.8	\$73.9	\$90.1	20.5%
Gross Profit Margin % (GAAP)	31.6%	31.3%	34.1%	+250bp
Net Income (GAAP)	\$5.8	\$1.2	\$13.2	
Net Income (non-GAAP)	\$9.8	\$7.0	\$17.8	
EPS (non-GAAP)	\$0.20	\$0.14	\$0.36	80.0%
Cash Flow from Operations	\$16.4	\$45.6	\$19.8	
EBITDA (non-GAAP)	\$36.8	\$28.6	\$45.8	24.5%



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In millions	Dec 31, 2015	Dec 31, 2016	June 30, 2017
Cash	\$218	\$248	\$267
Short-term Investments	\$65	\$30	\$16
Inventory	\$203	\$193	\$208
Current Assets	\$751	\$733	\$758
Total Assets	\$1599	\$1531	\$1579
Long-term Debt	\$454	\$413	\$383
Total Liabilities	\$756	\$708	\$712
Total Equity	\$843	\$820	\$867



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- Revenue between \$270 million and \$290 million, or up 2.2% to 9.8% sequentially
  - GAAP gross margin to be 34.5% +/- 1%
  - Non-GAAP operating expenses to be 22.5% of revenue, +/- 1%
  - Interest expense to be approx \$3.0 million, and tax rate to be 30%, +/- 3%
  - Shares used to calculate diluted EPS approx 50.3 million

▪ Purchase accounting adjustments for Pericom and previous acquisitions of \$5.1 million after tax are not included in non-GAAP estimates

*\*Guidance as provided on August 8, 2017*



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*Capitalizing on Operating Leverage to Deliver Profitability Growth*



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## Investor Relations Presentation

September 2017



# Safe Harbor Statement

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 third quarter 2017 business outlook as of August 8, 2017, which include the following: expect revenue to range between \$270 million and \$290 million, or up 2.2 to 9.8 percent sequentially; expect GAAP and non-GAAP gross margin to be 34.5 percent, plus or minus 1 percent; non-GAAP operating expenses, which are GAAP operating expense adjusted for KFAB closure costs, retention costs, and amortization of acquisition-related intangible assets, are expected to be approximately 22.5 percent of revenue, plus or minus 1 percent; expect net interest expense to be approximately \$3.0 million; expect tax rate to be 30.0 percent, plus or minus 3 percent; shares used to calculate diluted EPS for the second quarter are anticipated to be approximately 50.3 million; purchase accounting adjustments for Pericom and previous acquisitions of \$3.1 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 such expectations may not be met; the risk that the expected benefits of acquisitions may not be realized or that integration of acquired businesses, such as Pericom, may not continue as rapidly as we anticipate; 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 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 change 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 August 8, 2017 titled, "Diodes Incorporated Reports Second Quarter 2017 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.



## Dr. Keh-Shew Lu

President and CEO

Diodes Incorporated      Since 2005

Texas Instruments      27 years

### Experience:

- Senior Vice President of TI Worldwide Analog and Logic
- President of Texas Instruments – Asia

### Education:

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





A leading global manufacturer and supplier of high-quality **application specific, standard products** within the broad discrete, logic and analog markets, serving the **consumer, computing, communications, Industrial** and **automotive** segments.



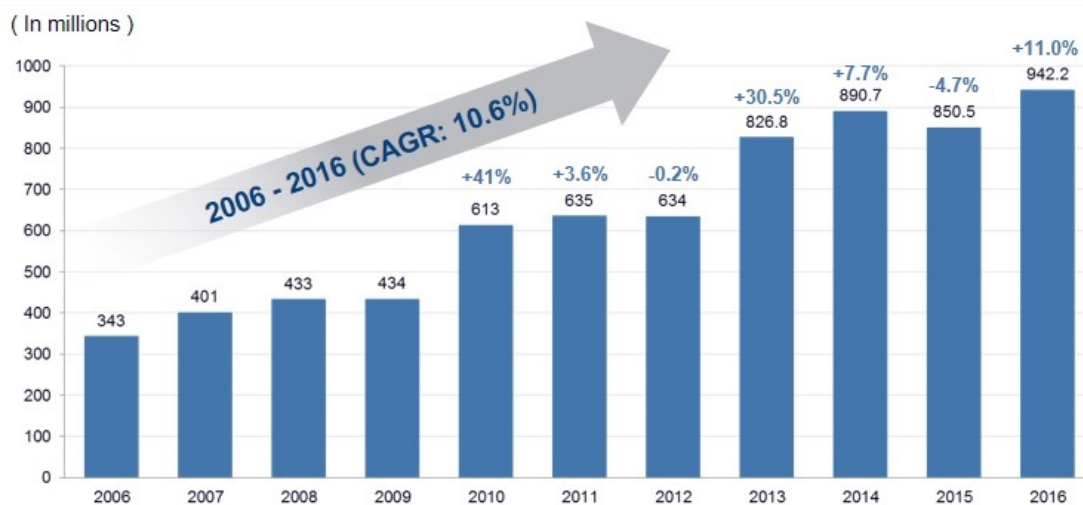
## *Global Operations and World-class Manufacturing & Packaging*

- NASDAQ: DIOD
- Founded in 1959
- Headquartered in Plano, TX; 21 locations globally
- Manufacturing in UK, Germany, China and Taiwan
- ISO9001:2008 Certified / TS16949:2009 Certified  
ISO14001 Certified
- Key acquisitions:
  - Anachip Corporation, Taiwan Jan. 2006
  - Advanced Power Devices Nov. 2006
  - Zetex June 2008
  - Power Analog Microelectronics (PAM) Oct. 2012
  - BCD Semiconductor Mar. 2013
  - Pericom Semiconductor Nov. 2015
- Over 7,692 employees worldwide
- 26 consecutive years of profitability





## 2016: Record Annual Revenue & Gross Profit



### 2016 Financial Highlights:

- Revenue increased 11% to \$942.2 million; Gross margin improved 120 basis points to 30.5%
- GAAP net income was \$15.9 million, or \$0.32 per share; Non-GAAP net income was \$38.4 million, or \$0.77 per share
- Generated significant cash flow:
  - \$124.7 million cash flow from operations and \$66.2 million free cash flow
  - \$29.4 million net cash flow, includes pay-down of \$36.4 million of long-term debt and \$18 million for share buyback



## *Benefiting from Strong Operating Leverage*

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- Surpassed the \$500 million revenue mark in 1H17
- Positioned to achieve \$1 billion annual revenue goal in 2017
- Successfully integrated Pericom; capitalizing on cross-selling synergies
- 8" front-end manufacturing capabilities for discrete products
- Favorable growth trends in target end markets: Automotive, Industrial, Comms
- Advancing toward target business model:
  - *35% gross margin, 20% operating expense, 15% operating margin*
- Forward strategy focused on profitability growth



## Then

To consistently achieve above-market profitable growth, utilizing our innovative and cost-effective packaging and silicon technology, suited for high-volume, high-growth markets by leveraging process expertise and design excellence to deliver high quality semiconductor products.

## Now

To focus on:

- driving profitability growth
- capitalizing on increased operating leverage to generate expanding earnings
- cross-selling broad product & silicon technology portfolio
- improving margins through manufacturing efficiencies



## ▪ LED Backlighting

LED Drivers  
Boost Converters  
Schottky Diodes

## ▪ LED Flash Module

Camera Flash Drivers  
ZXMN series MOSFETs

## ▪ LCD / OLED Display Bias

LCD Bias ICs  
OLED Bias ICs  
Schottky Diodes

## ▪ System Power Conversion

Low Dropout Regulators  
DC-DC Converters  
Voltage References  
Synchronous MOSFET Controllers  
40V/100V SBR and Schottkys  
Bridge Rectifier Diodes

## ▪ Battery Power Management

USB Power Switches  
Current Monitors  
Charger ICs  
Low-Saturation Bipolar Transistors  
ZXMP series MOSFETs



## ▪ GPS Antenna Detection

Current Monitors

## ▪ RF Power Amplifier

Low Dropout Regulators

## ▪ System Voltage Conversion

Low Dropout Regulators  
DC-DC Converters  
Schottky Diodes  
Low-Saturation Bipolar Transistors

## ▪ System Interface

USB Power Switches  
Zener and TVS Arrays

## ▪ Keypad Backlighting

LED Drivers  
Boost Converters  
Schottky Diodes

## ▪ Braking Control Unit

Voltage Reference  
IntelliFETs  
MOSFETs  
Hall Sensor

## ▪ Audio Amplifier

Class D Amplifier



## Key focus areas:

### Consumer

- IoT
- USB Type-C
- Power Devices

### Computing

- Cloud & Data Center
- USB Type-C

### Communications

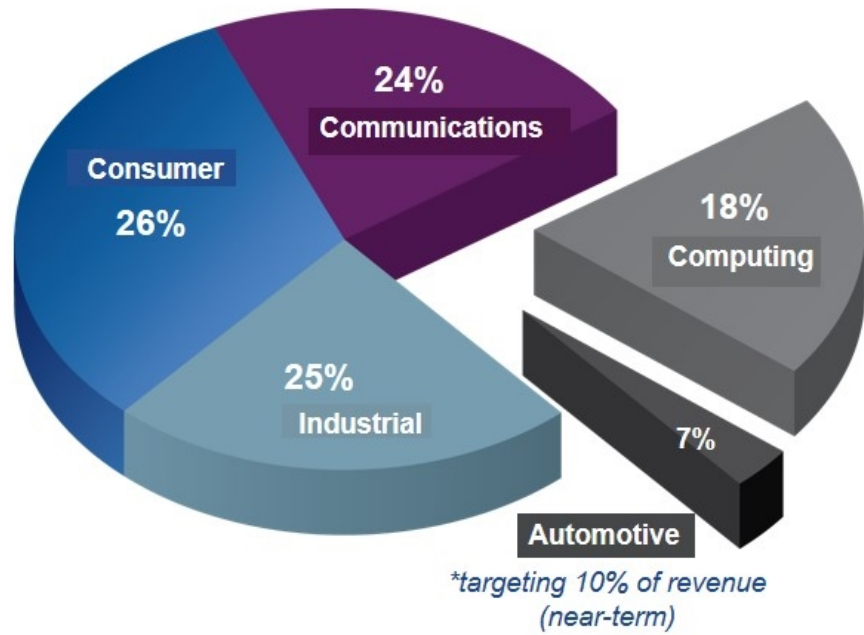
- Smartphones
- Quick/Wireless Charging

### Industrial

- Motor Drivers
- Power Devices
- LED Lighting

### Automotive

- Body Control
- Powertrain
- Lighting

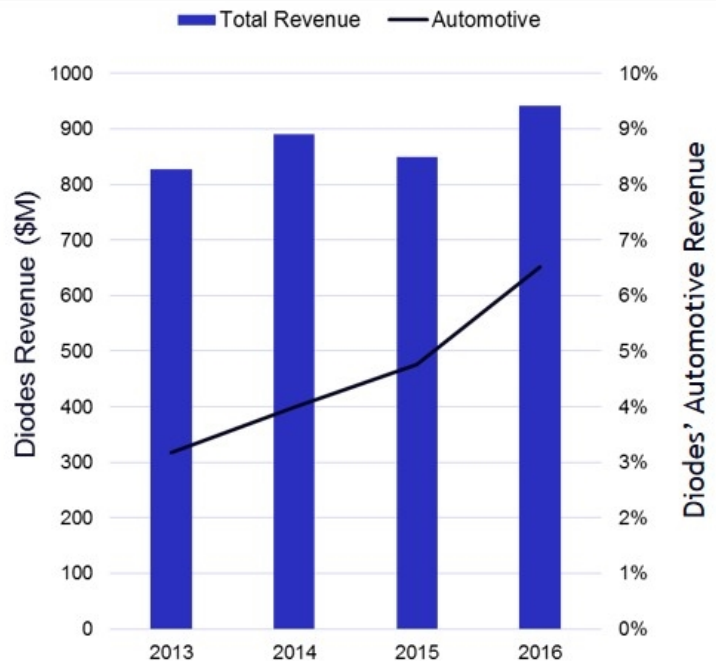


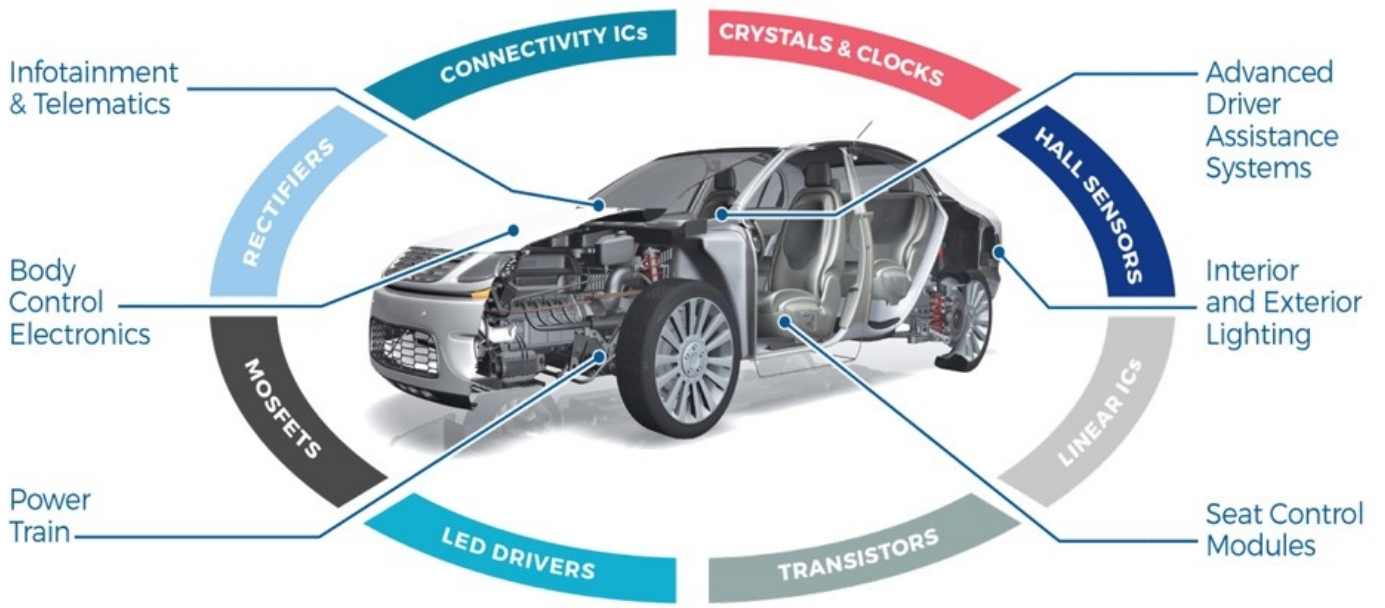
Percentages based on 2Q17 revenue

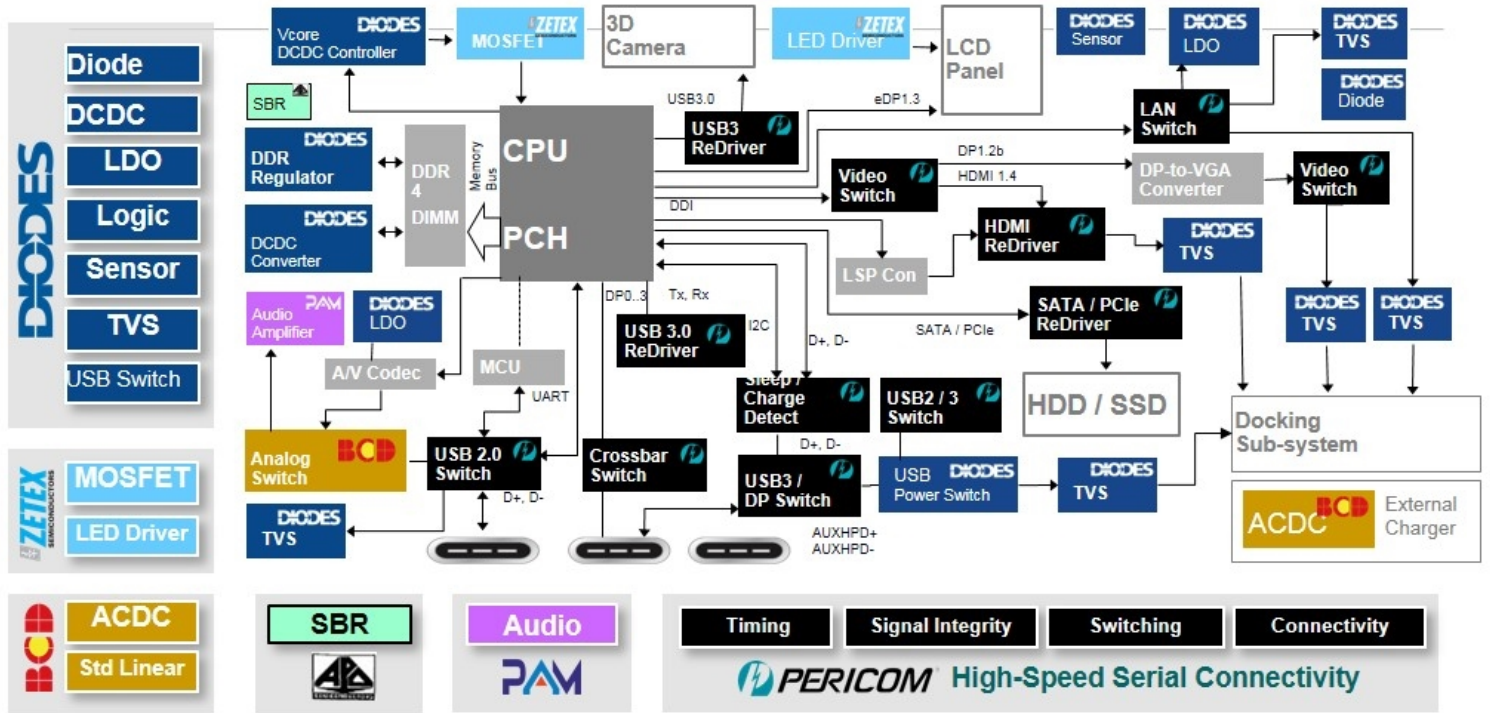




- **Auto revenue has doubled over last 3 years**
- **Leveraging expertise in European auto market**
- **Key growth drivers:**
  - Infotainment
  - Body Control
- **Innovation focused on:**
  - Motor Drive
  - LED Lighting
  - Connected Driving
- **Developing solutions with top-tier chipset vendors and global OEMs**

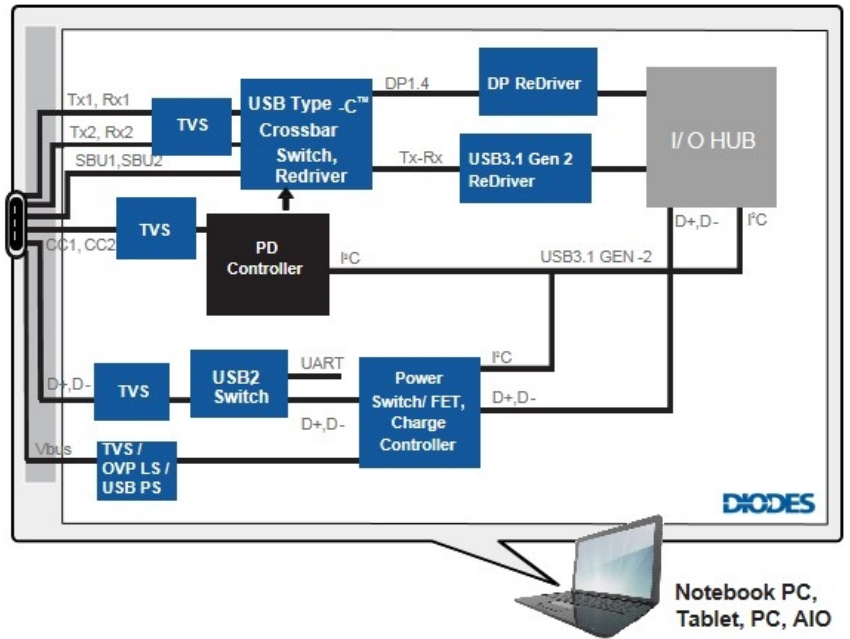






Growing trend toward USB Type-C connectors driven by Thunderbolt 3 standard:

- Increased data transfer speeds
- Greater power delivery
- Support for video streaming



Notebook PC, Tablet, PC, AIO



## Focus: Miniaturization and Power Efficiency

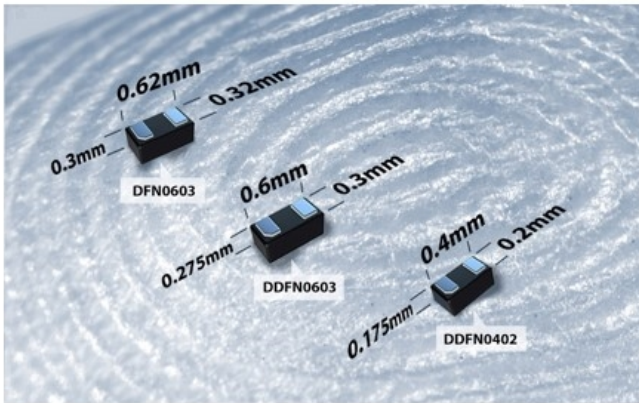




## Miniaturization and Multi-Chip Packaging

### Miniaturization

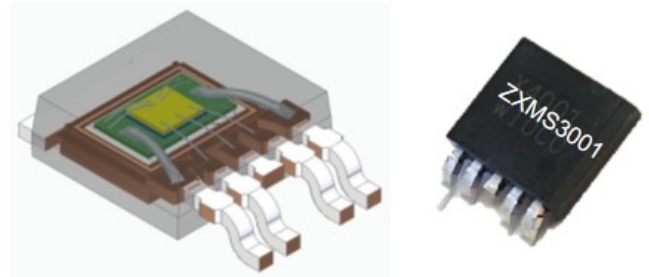
**DDFN0402**  
the smallest discrete  
semiconductor package



### Multi-Chip Packaging

Dual-Flat No-Lead (DFN)  
DDFN (Encapsulated CSP)  
Chip-Scale Package (CSP)

HS IntelliFET: ZXMS3001



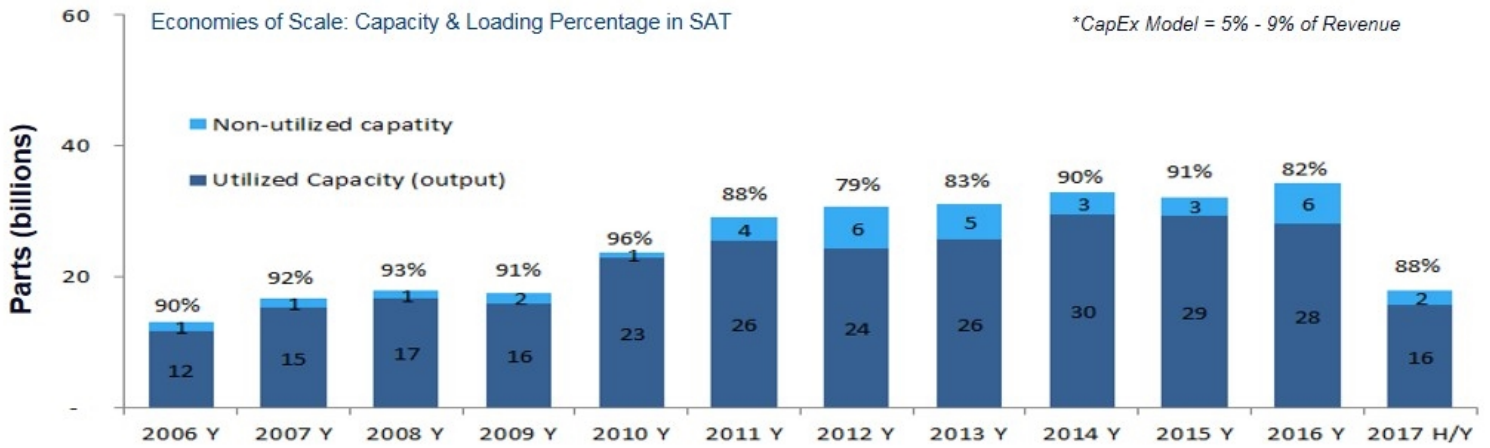
## Packaging

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

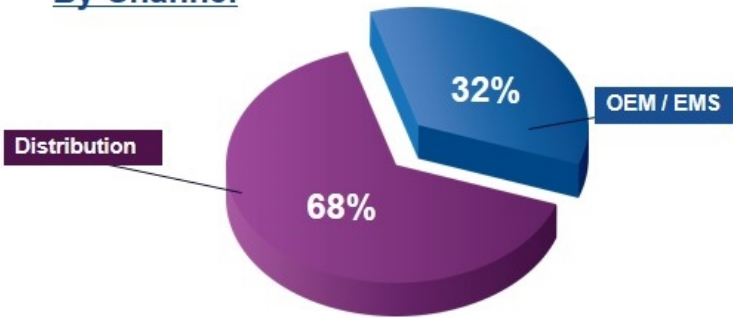


## Wafer Fabs

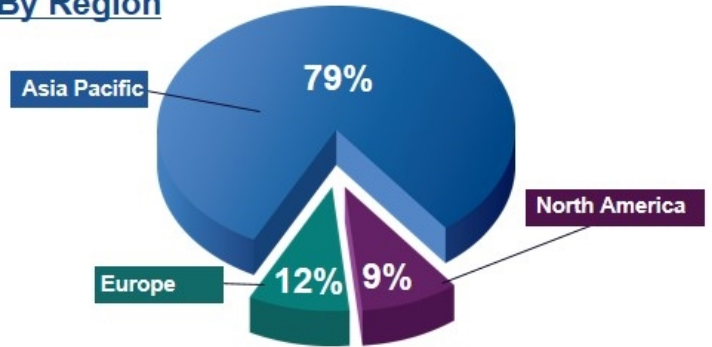
- Two fabs in Shanghai (6" and 8"), one discrete fab in Oldham, UK (6")
- Bipolar, BiCMOS, CMOS & BCD process
- Strong engineering capabilities



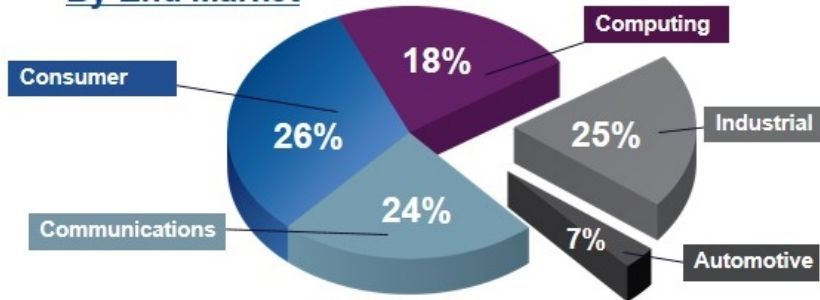
### By Channel



### By Region



### By End Market



In millions, except per share	2Q16	1Q17	2Q17	YoY
Revenue	\$236.6	\$236.3	\$264.2	11.7%
Gross Profit (GAAP)	\$74.8	\$73.9	\$90.1	20.5%
Gross Profit Margin % (GAAP)	31.6%	31.3%	34.1%	+250bp
Net Income (GAAP)	\$5.8	\$1.2	\$13.2	
Net Income (non-GAAP)	\$9.8	\$7.0	\$17.8	
EPS (non-GAAP)	\$0.20	\$0.14	\$0.36	80.0%
Cash Flow from Operations	\$16.4	\$45.6	\$19.8	
EBITDA (non-GAAP)	\$36.8	\$28.6	\$45.8	24.5%





In millions	Dec 31, 2015	Dec 31, 2016	June 30, 2017
Cash	\$218	\$248	\$267
Short-term Investments	\$65	\$30	\$16
Inventory	\$203	\$193	\$208
Current Assets	\$751	\$733	\$758
Total Assets	\$1599	\$1531	\$1579
Long-term Debt	\$454	\$413	\$383
Total Liabilities	\$756	\$708	\$712
Total Equity	\$843	\$820	\$867



- Revenue between \$270 million and \$290 million, or up 2.2% to 9.8% sequentially
- GAAP gross margin to be 34.5% +/- 1%
- Non-GAAP operating expenses to be 22.5% of revenue, +/- 1%
- Interest expense to be approx \$3.0 million, and tax rate to be 30%, +/- 3%
- Shares used to calculate diluted EPS approx 50.3 million
- Purchase accounting adjustments for Pericom and previous acquisitions of \$3.1 million after tax are not included in non-GAAP estimates

*\*Guidance as provided on August 8, 2017*





## Capitalizing on Operating Leverage to Deliver Profitability Growth



