

TTM Technologies, Inc. Todd Schull, Chief Financial Officer October 3, 2017





### **Disclaimers**

#### **Forward-Looking Statements**

This communication may contain "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995, including statements related to the future business outlook, events, and expected performance of TTM Technologies, Inc. ("TTM", "we" or the "Company"). The words "anticipate," "believe," "plan," "forecast," "foresee," "estimate," "project," "expect," "seek," "target," "intend," "goal" and other similar expressions, among others, generally identify "forward-looking statements," which speak only as of the date the statements were made and are not guarantees of performance. Actual results may differ materially from these forward-looking statements. Such statements relate to a variety of matters, including but not limited to the operations of TTM's businesses. These statements reflect the current beliefs, expectations and assumptions of the management of TTM, and we believe such statements to have a reasonable basis.

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#### **Use of Non-GAAP Financial Measures**

In addition to the financial statements presented in accordance with U.S. generally accepted accounting principles ("GAAP"), TTM uses certain non-GAAP financial measures, including EBITDA, Adjusted EBITDA, Non-GAAP Operating Income, Non-GAAP Net Income, Non-GAAP Operating Margin, Non-GAAP Gross Margin, Non-GAAP EPS and Adjusted Operating Cash Flow. We present non-GAAP financial information to enable investors to see TTM through the eyes of management and to provide better insight into our ongoing financial performance.

A material limitation associated with the use of the above non-GAAP financial measures is that they have no standardized measurement prescribed by GAAP and may not be comparable to similar non-GAAP financial measures used by other companies. We compensate for these limitations by providing full disclosure of each non-GAAP financial measure and reconciliation to the most directly comparable GAAP financial measure. However, the non-GAAP financial measures should not be considered in isolation from, or as a substitute for, financial information prepared in accordance with GAAP.

See Appendix for reconciliations of Adjusted EBITDA, Non-GAAP Operating Income, Non-GAAP EPS and Adjusted Operating Cash Flow to the most comparable GAAP metric.

#### **Data Used in This Presentation**

Due to rounding, numbers presented throughout this and other documents may not add up precisely to the totals provided and percentages may not precisely reflect the absolute figures.

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### Recently Completed Financing – Closed 9/28/2017

The straight refinancing was leverage neutral

| Sources and Uses (\$ in millions)                                       |                |  |                   |  |  |  |
|---|----------------|--|-------------------|--|--|--|
| Sources   |                | Uses   |                   |  |  |  |
| New Term Loan B due 2024(L+250)  New High Yield Bonds due 2025 (5.625%) | \$350<br>\$375 | Paydown U.S. ABL Refi Term Loan B due 2021 (L+425) Fees and Expenses | \$63<br>650<br>12 |  |  |  |
| Total sources   | \$725          | Total uses   | \$725             |  |  |  |

| Pre and Post Financing Capitalization (\$ in millions) |                         |                     |       |                          |                     |  |
|--|-------------------------|---------------------|-------|--------------------------|---------------------|--|
| (\$ millions)  | Pre-financing<br>7/3/17 | xLTM Adj.<br>EBITDA | Adj.  | Post-financing<br>7/3/17 | xLTM Adj.<br>EBITDA |  |
| Cash & cash equivalents                                | \$247                   |                     |       | \$247                    |                     |  |
| \$200mm Sr. Sec. U.S. ABL RC due 2020                  | 80                      |                     | (63)  | 17                       |                     |  |
| \$150mm Asia ABL RC due 2020                           | 30                      |                     |       | 30                       |                     |  |
| Sr. Sec. Term Loan B due 2021                          | 650                     |                     | (650) | <del>-</del>             |                     |  |
| New Term Loan B due 2024                               | -                       |                     | 350   | 350                      |                     |  |
| Capital leases   | 2                       |                     |       | 2                        |                     |  |
| Total secured debt                                     | \$762                   | 1.9x                |       | \$399                    | 1.0x                |  |
| Total net secured debt                                 | \$515                   | 1.3x                |       | \$152                    | 0.4x                |  |
| New Unsecured Debt                                     | -                       |                     | 375   | 375                      |                     |  |
| Total guaranteed debt                                  | \$762                   | 1.9x                |       | \$774                    | 1.9x                |  |
| \$250mm 1.750% Sr. Convrts. due 2020                   | 250                     |                     |       | 250                      |                     |  |
| Total debt   | \$1,012                 | 2.5x                |       | \$1,024                  | 2.5x                |  |
| Total net debt   | \$765                   | 1.9x                |       | \$777                    | 1.9x                |  |
| Adj. EBITDA  |                         | \$412               |       |                          | \$412               |  |



### **TTM** at a Glance

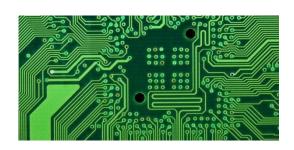




### Overview of a Printed Circuit Board

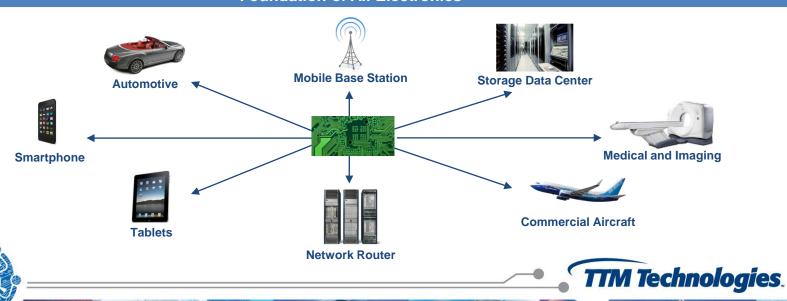
#### What Is a PCB?

- The essential building block for electronics products
- Connects electronic components
- Customized for each end application





#### **Foundation of All Electronics**



### TTM: Leader in Global PCB Manufacturing

#### **Business Overview**

- TTM is a worldwide leader in the manufacture of PCBs and provides a range of advanced technology and conventional PCBs and electro-mechanical solutions
- Critical supplier to today's fastest growing markets such as smartphones, automobile, A&D and medical imaging
- Founded in 1998 and headquartered in Costa Mesa, California
- Significant global footprint with 25 facilities, ~30,000 employees and \$2.5 billion in assets
- \$2,601mm revenue in LTM ending 7/3/2017
- \$412mm LTM 7/3/17 Adj. EBITDA<sup>(1)</sup>

#### **Technology-Enabled End Markets and Customers**

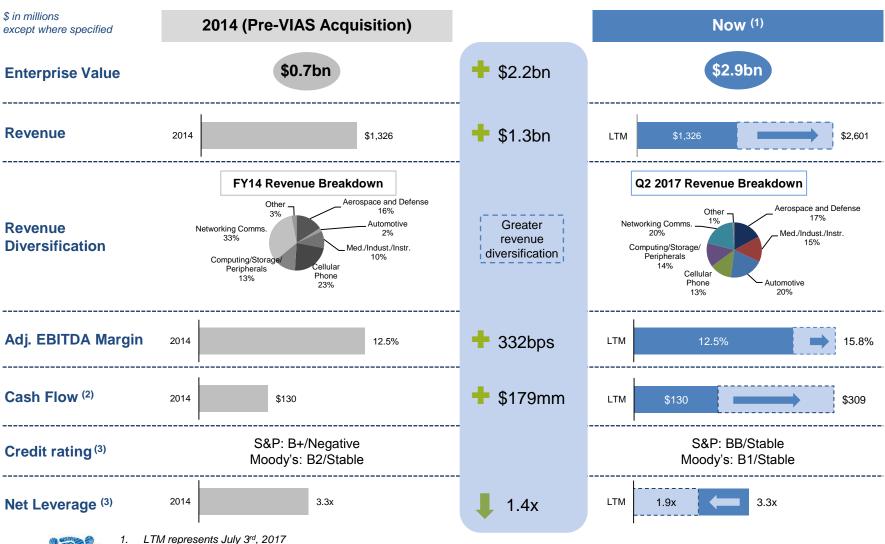


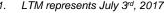


See Appendix for reconciliation



### TTM – Then and Now





Cash Flow from Operations.



Net leverage of 3.3x as of year-end 2014, PF for VIAS acquisition.

### **Key Credit Highlights**





### Summary of Key Credit Highlights

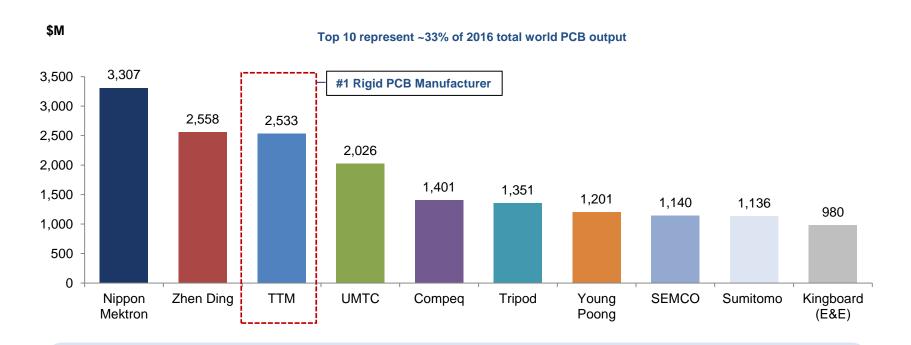
- Global leader in the PCB manufacturing market
- 2 Diverse end markets and long-term established customer relationships
- 3 Focus on faster growing PCB end markets
- 4 Differentiated footprint offering a breadth of products with focus on advanced technology
- 5 Strong financial performance and free cash flow generation with proven ability to deleverage





### Global Leader in the PCB Manufacturing Market

#### 2016 Top 10 world PCB manufacturers by revenue (\$ in millions)



- Consolidation in supply chain favors those with scale
- Scale enables investment in next generation technologies
- Scale reduces supplier costs



Source: Prismark Partners May 2017.



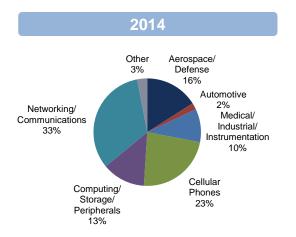
### 2

## Diverse End Markets and Long-Term Established Customers Relationships

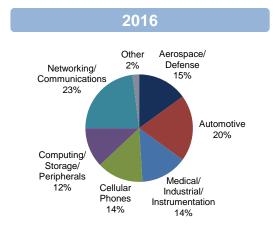
#### End Markets

"Viasystems will bring complementary businesses to TTM in the medical, industrial, instrumentation, networking/ comms, and aerospace and defense end markets ..."

- Tom Edman, Q4'2014 Earnings Call



Total Revenue: \$1,325.7mm

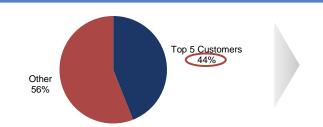


Total Revenue: \$2,533.4mm

## Net Sales Contribution by Customer

"On a pro forma basis, each of our markets now represents less than 25% of our revenue. And our largest customer has been diluted to approximately 15% of revenue for 2016."

- Tom Edman, Q4'2016 Earnings Call





Over 1,500 customers with long-standing relationships with top tier customers averaging 15+ years

Apple (20+ Yrs)

BOSCH (10+ Yrs)

(20+ Yrs)

W HUAWEI (21+ Yrs)

(10+ Yrs)

Top 5 Customers

 Relationships with customer teams at various stages of the production process, to ensure the best service and to cement strong working partnerships





### Focus on Faster Growing PCB Markets

Aerospace/ **Defense** 

**Automotive** 

Cellular Computing

Medical/ Industrial / Instrumentation

**Networking/ Comms** 













2%-4%

5%-8%

5%-8%

0%-2%

4%-6%

1%-3%

LTM TTM Growth

Above

**High End** 

**Above** 

**Above** 

Below

**Below** 

Growth Drivers

- Demand for commercial fleet driven by air traffic
- Increased military spend
- Vehicle Safety
- Automated Driving
- Connectivity/ Infotainment
- EV/Hybrid

- Next-generation smartphones
- Emerging market growth
- Wearables
- High performance computing
- Internet of Things
- Cloud/Data center build
- Medical device tech/wearables
- Remote patient monitoring
- · Home automation/ **Smart Homes**

- 5G infrastructure buildout
- Optical networking growth

Key Customers

Honeywell





**BOSCH** 



















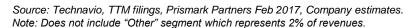








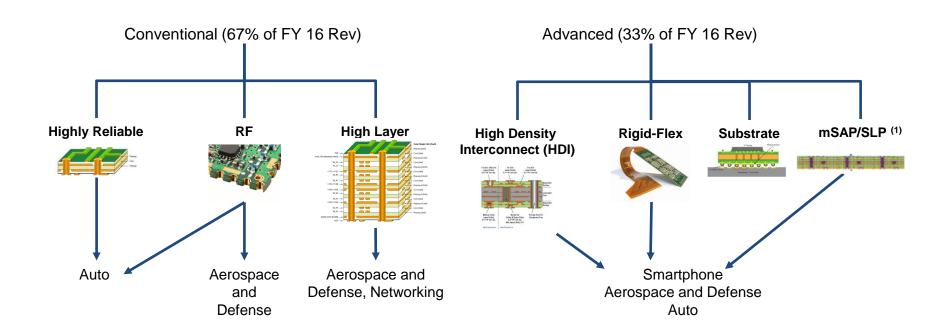






### 4 TTM Offers Broad Technology Capabilities

#### Increasing focus on advanced technology to drive growth

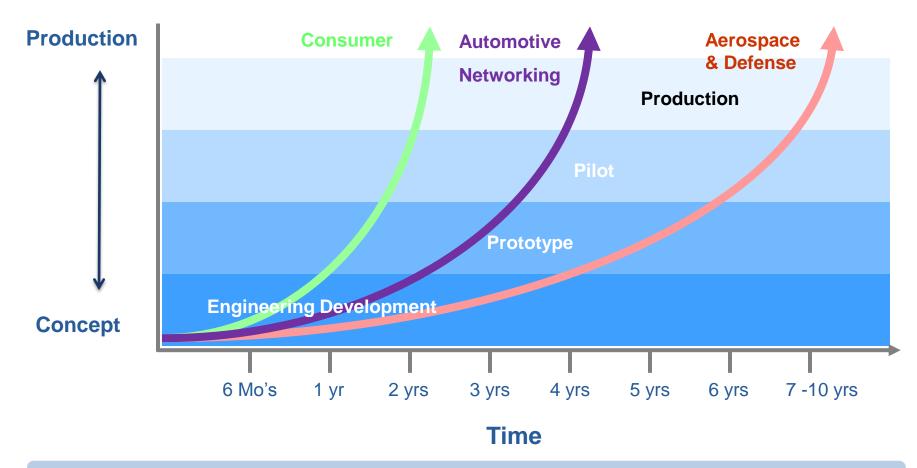




. mSAP = Modified semi additive process. SLP = Substrate like PCB.



### 4 Successful Customer Engagement Model



Engaging customers from concept to volume production





### **4** TTM's Global Operations Footprint

#### Co-located Close to Customer's Supply Chain



10 Santa Clara, SC



# A&D AMI&I C&C E-MS 1 Santa Ana - SA 6 Anaheim - ANA 11 Zhongshan - ZS 12 Huiyang - HY Guangzhou - GME Guangzhou - FPC 13 Logan - LG 17 Shanghai - SME 20 Chippewa Falls 24 Shanghai - SH E-MS

3 Stafford - ST

8 Forest Grove - FG

14 San Jose - SJ

18 Shanghai - SP

20 Chippewa Falis

24 Shanghai - SP E-Ni

25 Shenzhen - SZ

4 Stafford Springs - SS

9 North Jackson - NJ

15 Toronto - TOR

20 Chippewa Falis

24 Shanghai - SP E-Ni

25 Shenzhen - SZ

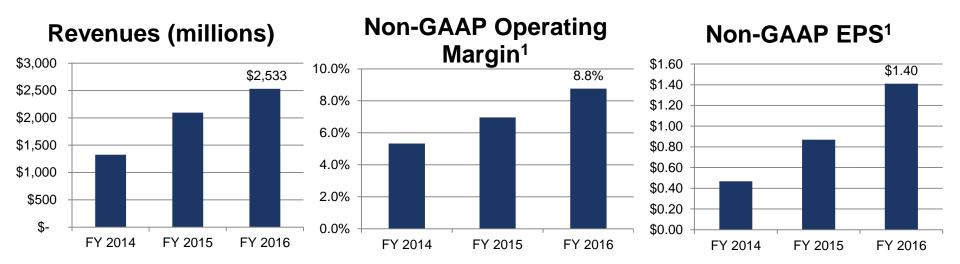
22 Guangzhou - GZ



5 Sterling - STE



### 5 Reported Revenue and Profit Growth



<sup>1</sup>See Appendix for reconciliation

### Improving margins and EPS





### 6 History of Strong Operational Execution

#### 2014 Target

- Expected cost synergies of \$55mm run rate within 12 months
- "Strong cash flow generation of the combined business expected to allow for significant deleveraging"

#### Results

Fully achieved \$55mm of synergies within 12 months with full run-rate P&L benefit by Q3 2016



Profitability and Reduced Seasonality

**Synergies** 

**Viasystems** 

Acquisition

from







**Cash Flows** 

"Strong cash flow generation of the combined business expected to allow for significant deleveraging"

- Todd Schull, Sep-2014 Viasystems Acquisition Call





Leverage

"Taking on this debt increased our leverage to 3.3 times as of the end of Q4 [2014]...Our goal is to reduce this metric to 2.0 over the next two years to four years"

- Todd Schull, Q4'2015 Earnings Call

Deleveraging targets achieved meaningfully ahead of schedule





- Free cash flow is defined as operating cash flow adjusted for acquisition-related costs less net capex (reconciliation available in the 8-K).
- 2. As of 2014 year end.

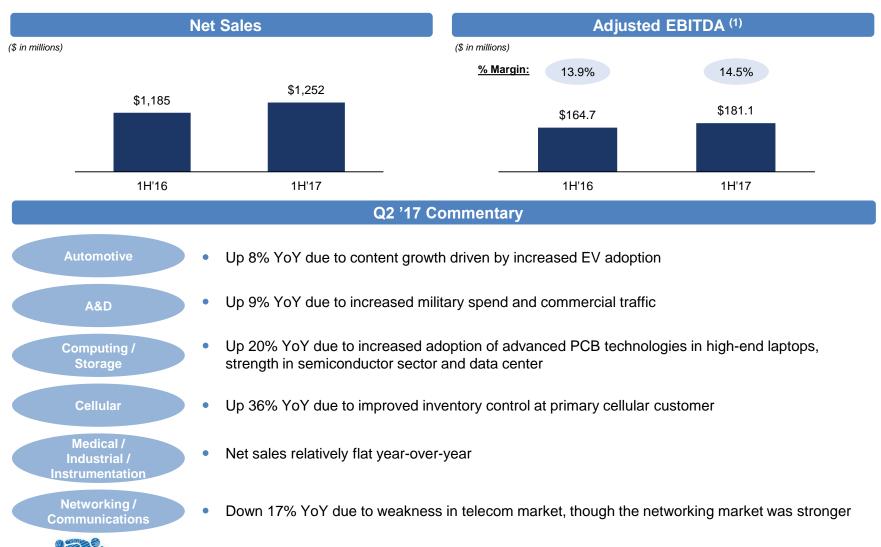


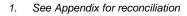
## **Recent Performance Highlights and TTM Financial Policy**





### Recent Financial Performance and Developments







### TTM's Financial Policy

#### TTM's financial policy overview

Maintain a strong liquidity profile

- Ample liquidity of \$489 million, consisting of:
  - \$254 million of availability under the revolving credit facilities in United States and Asia Pacific
  - \$247 million of cash

Capital allocation strategy

#### **Emphasis on deleveraging**

- Focus on maintaining net leverage below 2.0x
- Cash flow expected to support debt repayment
- Paid \$270 million of net debt since Viasystems acquisition

### Strategic outlook

- Opportunistically evaluate M&A opportunities that provide new avenues for growth, diversification + synergies, while maintaining emphasis on long-term target leverage
- No planned stockholder distributions





### Summary

- Global leader in the PCB manufacturing market
- Diverse end markets and long-term established customer relationships
- Focus on faster growing PCB end markets
- Differentiated footprint offering a breadth of products with focus on advanced technology
- Strong financial performance and free cash flow generation with proven ability to deleverage





### **Appendix**



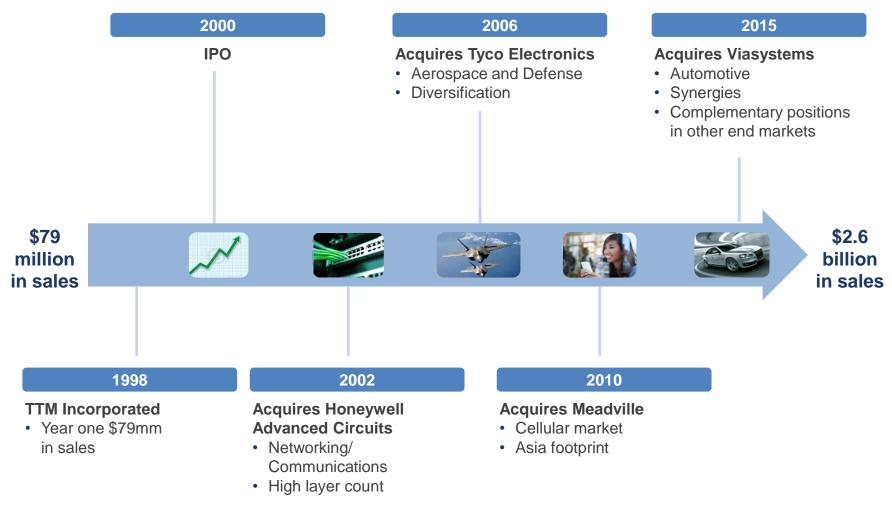


### **Additional Company Information**





### TTM's Corporate History







### Technology Driving Manufacturing Capabilities

TTM Continues to Invest in Leading Technology, while Strengthening its Manufacturing Capabilities

#### **TTM** is Aligned to Technology Trends

#### **End Device Trends**

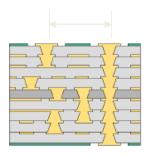
- Increasing complexity
- Decreasing size
- Increasing signal speed
- Increasing performance



Increasingly Crowded PCBs

#### **PCB** Features

- Higher layer count
- Microvias
- Thin cores
- Material/Laminate innovations



Microvias

#### **TTM Capabilities**

- HDI
- Rigid Flex
- RF Radar
- mSAP



Laser Drills





### **Industry and End Markets**





### Broader Technology Trends in PCBs

### Shorter electronic product life cycles

 Creates opportunities for PCB manufacturers that can offer engineering support in the prototype stage and manufacturing scalability throughout the production life cycle

### Increasing complexity of electronic products

- Requirement for technologically complex PCBs that can accommodate higher speeds and component densities
- Includes HDI, flexible, mSAP and substrate PCBs

### Increasing Asia PCB production

- China has emerged as a global production center for electronics manufacturers
- Concentration of consumer electronic production in China will result in additional commercial market share potential for PCB manufacturers

Supply chain consolidation by commercial OEMs

 Supply chain consolidation by commercial OEMs presents an opportunity for those PCB manufacturers that can offer one-stop manufacturing capabilities – from prototype to volume production





### Aerospace & Defense Market Overview / Opportunities

**Leading Player Aligned with Top Tier A&D Customers** 

#### Aerospace and Defense Megatrends

LT Growth Rate 2% - 4%





#### **DoD Program Ramps**



79 key DoD Program ramps

**Commercial Fleet Upgrade** 



~35,000 new aircraft by 2035

Passenger Traffic Growth



4.6% CAGR Airline Traffic

#### **Aerospace & Defense Product Areas**

#### **Defense Market**



#### Microwave Systems

- F-35 (JSF)
- AMDR
- Q-53
- F-16 (SABR)
- JSTARS
- SEWIP



#### **Missile Systems**

- AMRAAM
- · Standard Missile
- JAGM
- JDAM
- Hellfire
- Paveway

#### Communication

#### **Systems**

- JTRS
- Soldier Radio
- Rifleman
- MANPACK

#### **Commercial Aerospace**



#### **Space Systems**

- Orion
- GOES
- GPS III
- SBIRS
- XM4



#### Commercial

- · Primary Power Distribution
- Flight Control
- Remote Power
- Air Conditioning
- Ram Air
- Turbine



Source: Department of Defense.



### Automotive Market Overview / Opportunities

#### **Automotive Mega Trends**

#### **PCB Content Per Car**

#### LT Growth Rate 5% - 8%

#### **Vehicle Safety**

Advanced Driver Assistance Systems (radar, LiDar, cameras)

**CAGR 10%** 

#### **Connectivity/Infotainment**

Wireless communication, High resolution/touch display, voice recognition

**CAGR 12%** 

#### **Automated Driving**

Sensors, Cameras, GPS, Radar, LiDar, Artificial Intelligence

**CAGR 134%** 

#### **EV/Hybrid**

Inverters/Converters
Battery Management
Charge Modules

**CAGR 23%** 

| Туре      | Sq. Meter | USD       | Volume |
|-----------|-----------|-----------|--------|
| Compact   | 0.4 – 0.5 | 30–40     | ~ 36.4 |
| Mid-Range | 0.5 – 0.8 | 50 – 70   | ~ 56.4 |
| Luxury    | 1.5 – 3.0 | 100 - 150 | ~ 7.2  |

#### **Driving Increasing Electronic Content and PCB Usage**

#### **Auto Shipments (Millions)**

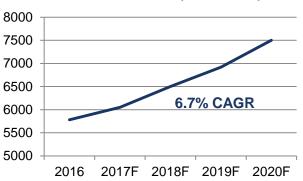


#### PCB Usage per Car (\$)



Sources: Bloomberg, Markets and Markets, Business Insider, Lux Research, Research and Markets and NTI

#### **Auto PCB Market (\$ millions)**



TTM Technologies.

## Cellular Phones and Computing Market Overview / Opportunities

#### **Cellular Phones**

LT Growth Rate 5% - 8%



#### Product focus areas

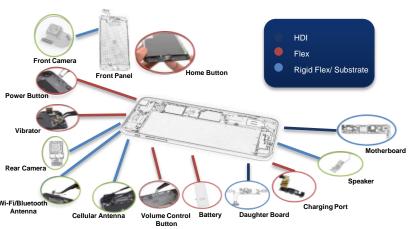
- High end smartphones
  - Main boards
  - Battery modules
  - Camera modules
  - Wifi modules
  - Audio modules

#### Computing

LT Growth Rate 0% - 2%

#### **Growth Opportunities**

- Increasing Smartphone Functionality
- IoT
- Cloud Infrastructure
- Service Provider Infrastructure
- High end laptop adoption of advanced technology







Source: TTM filings, Prismark Partners Feb 2017, Company estimates.



### Medical, Industrial & Instrumentation and Networking / Communications Market Overview / Opportunities

Medical, Industrial, & Instrumentation

**Networking and Communications** 

LT Growth Rate 4% - 6%



- MII PCB Market Growth 4-6%
- CAGR 2016-2021



Strength of product offering and technical expertise



Growth for high reliability medical systems correlates to higher procedure rates and aging populations



- 4G-5G Base Stations & Radios
- Core & Edge Routing
- Optical Networking
- Cloud Architecture Infrastructure





CAGR 16-21E: 1-3%

LT Growth Rate 1% - 3%







Source: Grand View Research, Markets and Markets, Radiant Insights.



### **Reconciliations**





### Reconciliations

| \$ in millions (except where noted)                              | Q1 2016     | Q2 2016       | Q3 2016     | Q4 2016     | Q1 2017     | Q2 2017     |
|--|-------------|---------------|-------------|-------------|-------------|-------------|
| GAAP Gross Profit  | \$83.6      | \$97.6        | \$109.6     | \$132.8     | \$105.0     | \$95.9      |
| Add back items:  |             |               |             |             |             |             |
| Stock-based compensation   | 0.3         | 0.4           | 0.4         | 0.5         | 0.4         | 0.6         |
| Non-GAAP Gross Profit  | 83.9        | 98.1          | 110.0       | 133.3       | 105.4       | 96.5        |
| GAAP Operating Income  | 18.9        | 34.7          | 50.2        | 69.6        | 52.6        | 45.1        |
| Add back items:  |             |               |             |             |             |             |
| Amortization of intangibles                                      | 5.9         | 5.9           | 5.9         | 6.4         | 5.9         | 5.9         |
| Stock-based compensation   | 2.2         | 2.8           | 2.8         | 3.2         | 3.6         | 5.0         |
| Gain on sale of assets   | -           | (1.5)         | -           |             | (1.5)       | (1.3)       |
| Impairment, restructuring, acquisition-related and other charges | 6.0         | 4.6           | 2.3         | 1.7         | 0.7         | 0.4         |
| Non-GAAP Operating Income  | 33.0        | 46.6          | 61.3        | 81.0        | 61.3        | 55.1        |
| GAAP TTM Technologies Net Income (Loss) Add back items:          | (7.3)       | 18.5          | 25.6        | (2.0)       | 33.0        | 20.6        |
| Amortization of intangibles                                      | 5.9         | 5.9           | 5.9         | 6.4         | 5.9         | 5.9         |
| Stock-based compensation   | 2.2         | 2.8           | 2.8         | 3.2         | 3.6         | 5.0         |
| Non-cash interest expense  | 6.2         | 5.6           | 4.7         | 2.7         | 2.6         | 2.7         |
| Gain on sale of assets   | -           | (1.5)         | -           | -           | (1.5)       | (1.3)       |
| Loss on extinguishment of debt                                   | -           | -             | -           | 47.8        | -           | 0.0         |
| Impairment, restructuring, acquisition-related and other charges | 6.0         | 4.6           | 2.3         | 1.7         | 0.7         | 0.4         |
| Income taxes   | 8.0         | (7.6)         | (1.2)       | 0.0         | (5.1)       | (0.1)       |
| Non-GAAP TTM Technologies Net Income                             | 13.9        | 28.4          | 40.1        | 59.8        | 39.2        | 33.3        |
| Non-GAAP EPS (\$ per diluted share)                              | \$0.14      | \$0.28        | \$0.39      | \$0.58      | \$0.37      | \$0.31      |
| GAAP Net Income (Loss)   | (7.2)       | 18.8          | 25.8        | (1.8)       | 33.1        | 20.8        |
| Add back items:  |             | (4.0)         | 0.5         | 47.4        | 4.4         | <b>5</b> 0  |
| Income tax provision (benefit)                                   | 5.5         | (1.0)<br>20.1 | 9.5         | 17.4        | 4.1<br>13.6 | 5.6<br>12.9 |
| Interest expense Amortization of intangibles                     | 21.8<br>5.9 | 20.1<br>5.9   | 18.9<br>5.9 | 15.3<br>6.4 | 5.9         | 5.9         |
| Depreciation expense   | 40.2        | 40.5          | 37.0        | 38.5        | 36.1        | 36.1        |
| Stock-based compensation   | 2.2         | 2.8           | 2.8         | 36.5        | 36.1        | 5.0         |
| Gain on sale of assets   | 2.2         | (1.5)         | 2.0         | 5.2         | (1.5)       | (1.3)       |
| Loss on extinguishment of debt                                   |             | (1.5)         |             | 47.8        | (1.5)       | 0.0         |
| Impairment, restructuring, acquisition-related and other charges | 6.0         | 4.6           | 2.3         | 1.7         | 0.7         | 0.4         |
| Adjusted EBITDA  | 74.5        | 90.2          | 102.2       | 128.5       | 95.6        | 85.5        |
| Operating Cash Flow  | 17.9        | 80.1          | 102.7       | 97.7        | 49.6        | 59.1        |
| Add back items: Payment of acquisition-related costs             | 2.3         | 0.7           | 0.0         | 0.9         | 0.2         |             |
| Adjusted Operating Cash Flow                                     | 20.2        | 80.7          | 102.7       | 98.5        | 49.7        | 59.1        |





### Reconciliations

| \$ in millions (except where noted)                          | 2013                 | 2014          | 2015         | 2016         |
|--|----------------------|---------------|--------------|--------------|
| GAAP Gross Profit  | \$217.8              | \$194.7       | \$310.1      | \$423.6      |
| Add back item:   |                      |               | 40.0         |              |
| Inventory markup Stock-based compensation                    | -<br>1.1             | 0.9           | 16.2<br>1.1  | 1.6          |
| Non-GAAP Gross Profit  | 218.9                | 195.6         | 327.5        | 425.2        |
| GAAP Operating Income (Loss)                                 | 69.1                 | 46.5          | 61.3         | 173.5        |
| Add back items:  | 331.                 |               | 01.0         |              |
| Amortization of intangibles                                  | 9.4                  | 8.4           | 18.9         | 24.3         |
| Stock-based compensation                                     | 9.0                  | 7.8           | 9.7          | 11.1         |
| Impairment and restructuring                                 | 14.2                 | 1.9           | 7.9          | 12.9         |
| Inventory markup   | - (17.0)             | 6.0           | 16.2<br>32.0 | 0.0          |
| Other infrequent items                                       | (17.9)               |               |              | 0.2          |
| Non-GAAP Operating Income                                    | 83.8                 | 70.6          | 146.0        | 221.9        |
| GAAP TTM Technologies Net Income (Loss) Add back items:      | 21.9                 | 14.7          | (25.9)       | 34.9         |
| Amortization of intangibles                                  | 9.4                  | 8.4           | 18.9         | 24.3         |
| Stock-based compensation                                     | 9.0                  | 7.8           | 9.7          | 11.1         |
| Non-cash interest expense                                    | 8.4                  | 10.2          | 15.6         | 19.2         |
| Impairment, restructuring and loss on extinguishment of debt | 14.2                 | 1.9           | 8.7          | 60.6         |
| Inventory markup   | -                    | -             | 16.2         | 0.0          |
| Other infrequent items Income tax effects                    | (7.2)                | 6.5<br>(10.2) | 32.0<br>5.9  | 0.2<br>(8.0) |
| Non-GAAP TTM Technologies Net Income                         | (4.4)<br><b>51.3</b> | 39.3          | 81.1         | 142.3        |
|  |                      |               |              |              |
| Non-GAAP EPS (\$ per diluted share)                          | 0.62                 | 0.47          | 0.87         | 1.40         |
| GAAP Net Income (Loss) Add back items:                       | 23.9                 | 14.7          | (25.6)       | 35.6         |
| Income tax provision   | 15.9                 | 7.6           | 34.6         | 31.4         |
| Interest expense   | 24.0                 | 23.8          | 59.8         | 76.0         |
| Amortization of intangibles                                  | 9.4                  | 8.4           | 18.9         | 24.3         |
| Depreciation expense   | 92.1                 | 95.3          | 133.5        | 156.2        |
| Stock-based compensation                                     | 9.0                  | 7.8           | 9.7          | 11.1         |
| Gain on sale of assets                                       | (17.9)               | -             | (2.5)        | (1.5)        |
| Inventory markup   | -                    | - 0.4         | 14.2         | -            |
| Impairments, restructuring and other infrequent items        | 24.9                 | 8.4           | 43.1         | 62.3         |
| Adjusted EBITDA  | 181.3                | 166.0         | 285.7        | 395.4        |
| Operating Cash Flow Add back items:                          | 71.4                 | 129.8         | 237.5        | 298.3        |
| Payment of accreted interest on convertible senior notes     | 27.7                 | 1.3           | 8.7          | 0.0          |
| Payment of acquisition-related costs                         | <del>_</del>         | 2.1           | 36.2         | 3.9          |
| Adjusted Operating Cash Flow                                 | 99.1                 | 133.2         | 282.4        | 302.2        |



