

CPS Technologies Corporation Investor Presentation

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NobleCon
January 2019



Forward-Looking Statements

- Statements made in this presentation that are not historical facts or which apply prospectively, are forward-looking statements that involve risks and uncertainties. Investors should not rely on forward looking statements because they are subject to a variety of risks and uncertainties and other factors that could cause actual results to differ materially from the Company's expectation.
- Additional information concerning risk factors is contained from time to time in the Company's SEC filings, including its Annual Report on Form 10-K and other periodic reports filed with the SEC. Forward-looking statements contained in this press release speak only as of the date of this release. Subsequent events or circumstances occurring after such date may render these statements incomplete or out of date. The Company expressly disclaims any obligation to update the information contained in this presentation.



Question: What Do These Developments Have in Common?

“China Railway’s annual plan envisages a 45% rise in new projects.”
(globalconstructionreview.com, January 2019)

“Three revolutions are underway in urban transportation: vehicle electrification, automation, and on-demand mobility.” (UC Davis, Institute of Transportation Studies, 2018)

“The Global Cloud Storage market is expected to grow from \$18.9 billion in 2015 to reach \$112.73 billion by 2022 with a CAGR of 29.1%.” (marketwatch.com, October 2018)

“Renewables will have the fastest growth in the electricity sector, providing almost 30% of power demand in 2023, up from 24% in 2017.” (iea.org, October 2018)



Answer: Deep Electrification of the Economy is Underway

- The need for products, services and innovations to improve performance and reliability in **generating, transmitting** and **using** electric power is growing rapidly
- There are tremendous opportunities for **innovation** and **new solutions** in large and growing markets



CPS Fundamentals

Our DNA: “Breakthroughs increasingly will occur at the **intersection of diverse disciplines** rather than in the core disciplines themselves” (H. Kent Bowen, CPS Founder, MIT Professor).

Our Core Technology: We combine two very different materials - **metals and ceramics** - to form metal-matrix composites (MMCs)

Our Strategy: We **partner with our customers** worldwide to understand their needs, develop solutions, educate them on MMCs, and then manufacture components with new properties to improve performance and reliability.

The Match: Our MMCs **meet the needs of the deep electrification** today and in the future!

- Our current base is **strong and growing**.
- Many **breakout opportunities** exist.



CPS Overview

- CPS is an advanced materials company – **fully qualified manufacturer** for many major multi-national electronics companies.
- CPS **patented and proprietary** process technology
- Primary markets today:
 - **Train & EV/HEV** Module Baseplates
 - **High-End Microprocessor** Lids
 - **Satellite & Avionics Electronics** Housings

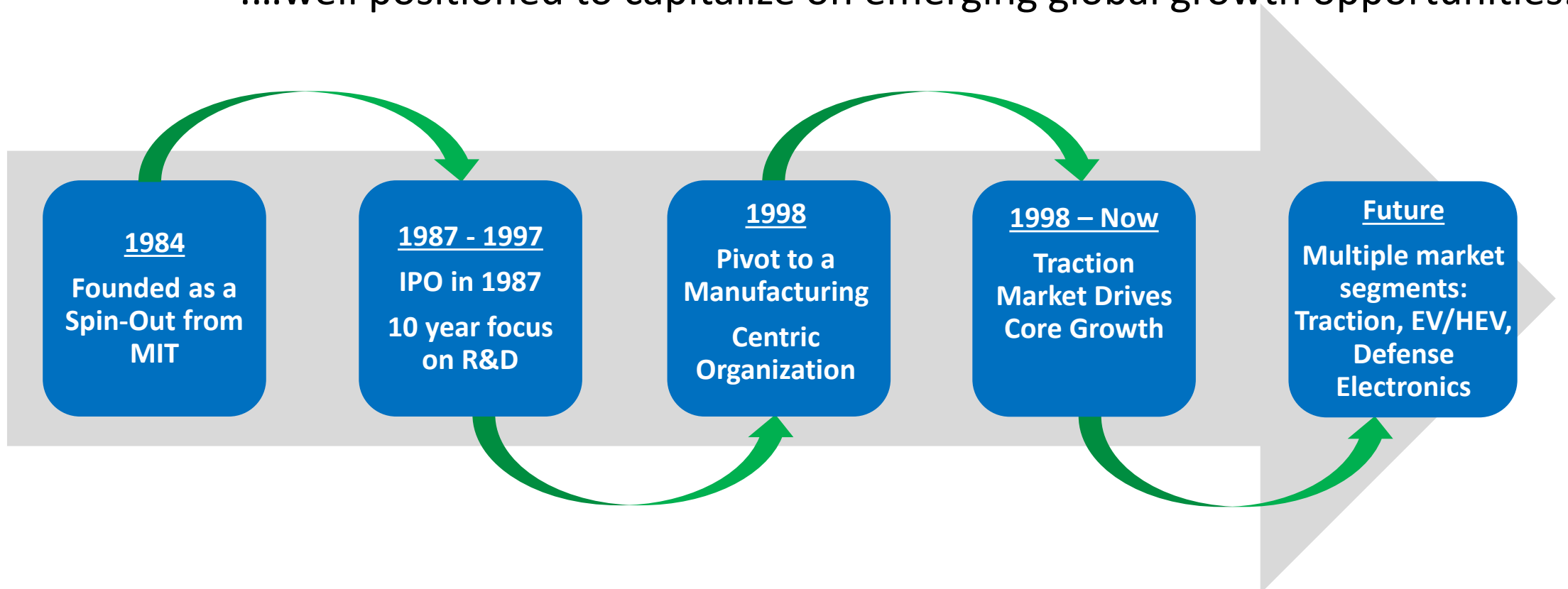
COMPANY SNAPSHOT	
Ticker / Exchange	CPSH / NASDAQ
Stock Price (1/18/19)	\$1.45
Basic Market Cap.	\$19M
Financing	No Debt
Revenue	\$25+M
Insider Holdings	>30%
Employees	160
Company Headquarters	Norton, MA



CPS History

Successful evolution from a research organization to a leading manufacturer....

....well positioned to capitalize on emerging global growth opportunities.



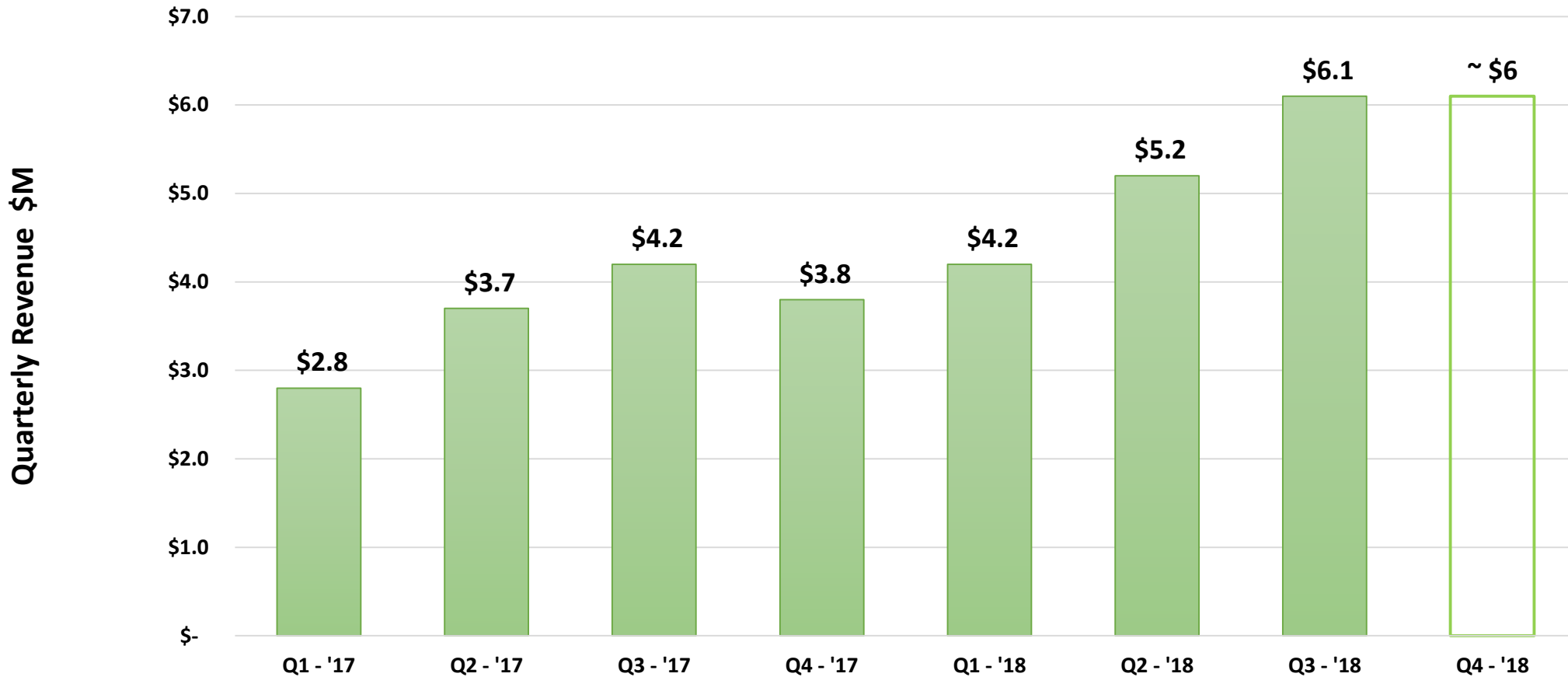


CPS Customers



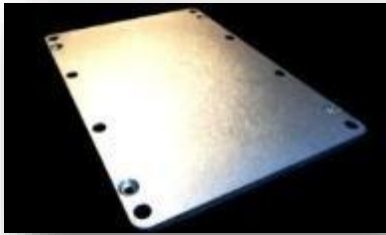


CPS Growth

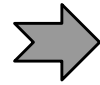




CPS Products/Applications



CPS Baseplates



Our customer assembles electronics on CPS Part



Then packages the device that they sell to their customer



Which is finally put into the following products:



CPS Pin Fin Coolers



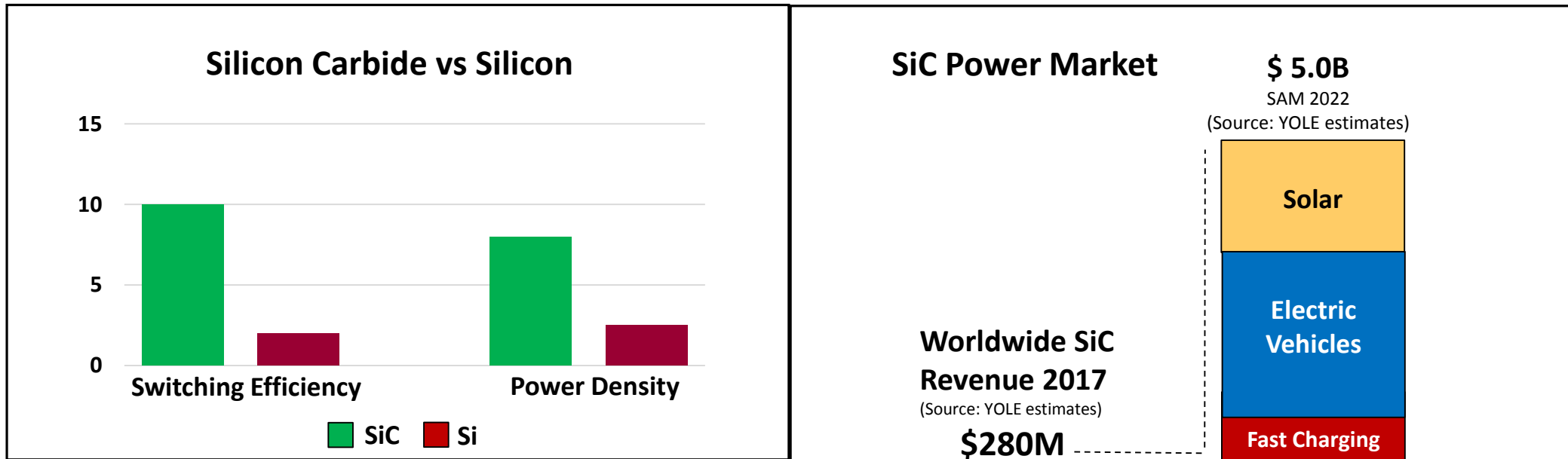
Above shown 1505 assembled, and the final housings they go into - which connects to the car's water cooling system.





Power Electronics SiC Power Market Expansion

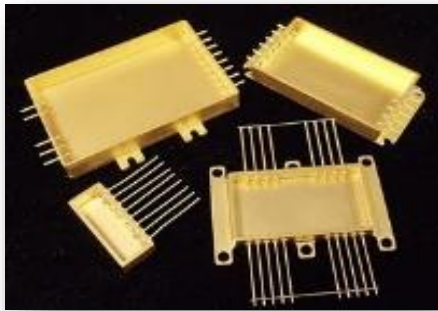
SiC devices are capable of operating at higher voltages, frequencies and junction temperatures, which result in significant reduction in weight and size of the power converter and an increase in efficiency.



AlSiC growth expected to increase with the growth of SiC Power Devices



CPS Products/Applications



Hermetic Packages



...our customer assembles electronics on CPS Part....



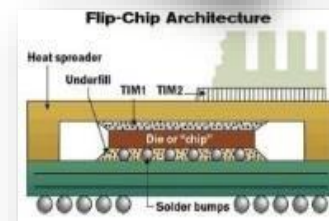
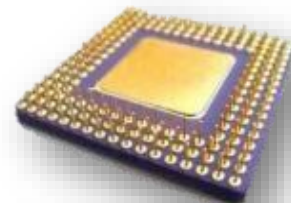
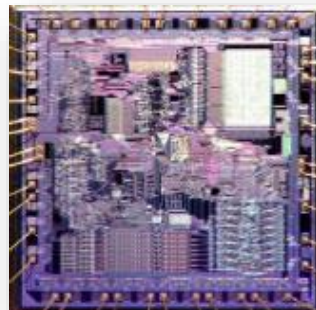
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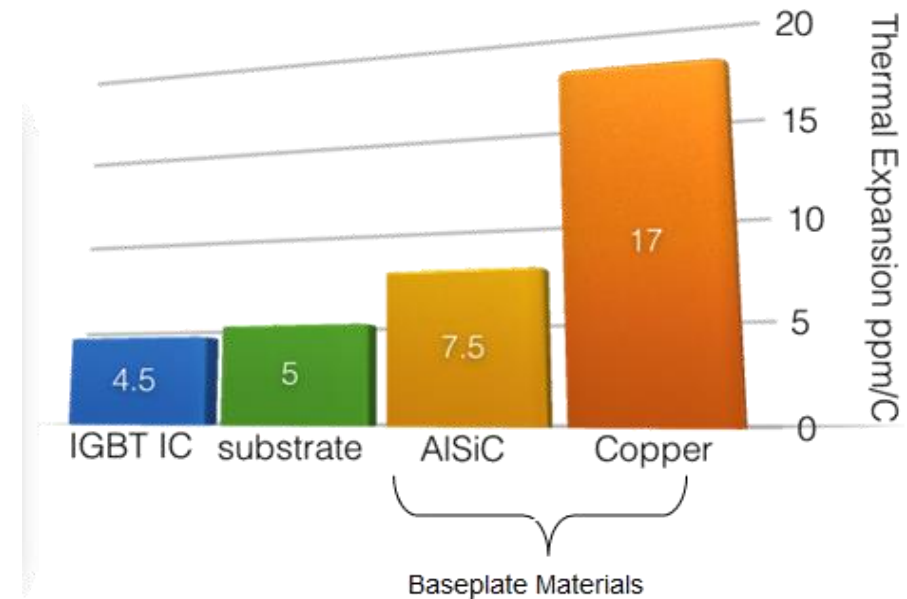
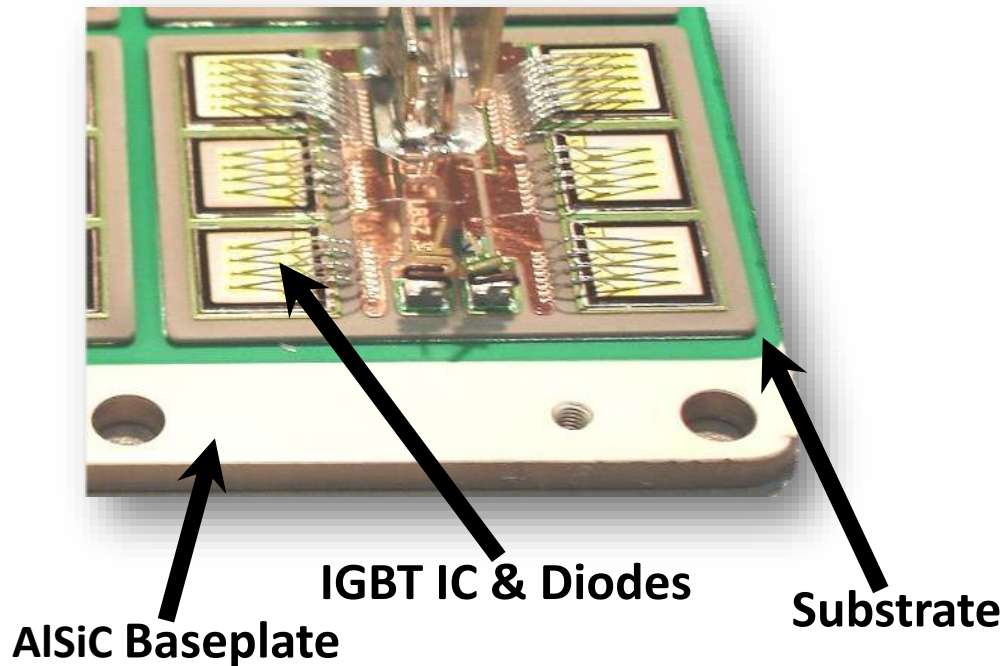
Microprocessor Lids





Coefficient of Thermal Expansion (CTE) The Pain Point of High Voltage Electronics

Thermal expansion differences between electronics, substrates and baseplates result in increased mechanical stresses that decrease reliability





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