MPICORPORATION

Macquarie Asia TMT Conference 2024 MPI Corporation 6223.TT

> Speaker: Amanda Chiu (Spokesperson)

Presentation Disclaimer

The information herein contains forward-looking statements. We have based these forward-looking statements on our current expectations and projections about future events. Although we believe that these expectations and projections are reasonable, such forward-looking statements are inherently subject to risks, uncertainties and assumptions about us, including, among other things: the intensely competitive Semi-conductor, and LED industries and markets; Cyclical nature of the semiconductor industry; Risks associated with global business activities; General economic and political conditions. All financial figures discussed herein are prepared pursuant to IFRS. All audited figures will be publicly announced upon the completion of our audited process.

READY FOR THE TEST







MPI-The Powerhouse of Testing Solutions

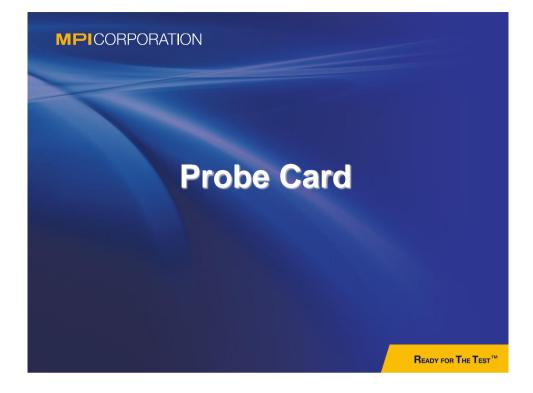


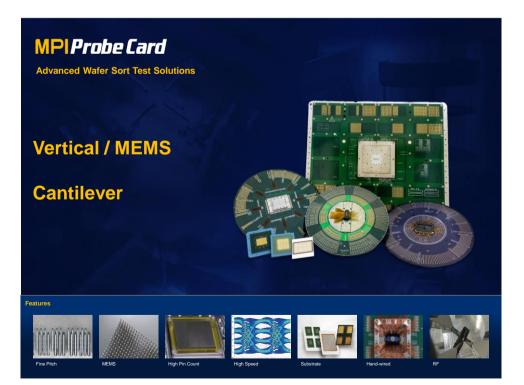


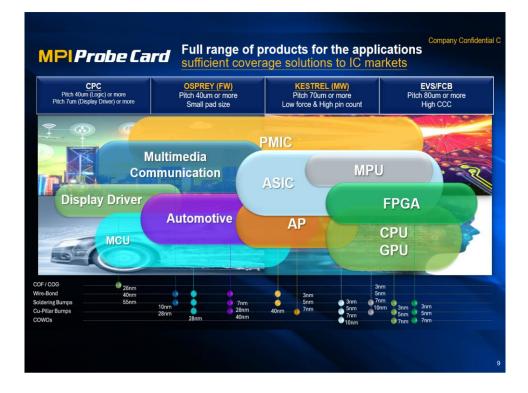
Business Contents Probe Card Photonics Automation Thermal & AST



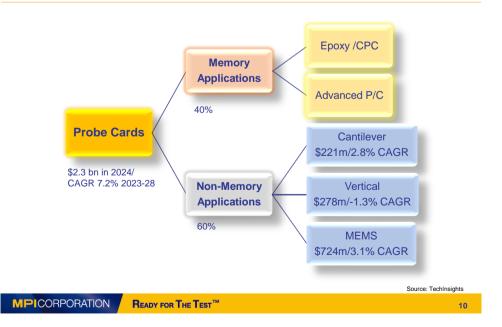
Financial Statements



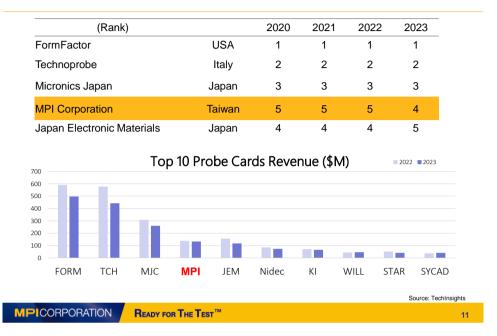




Global Probe Card Market Update

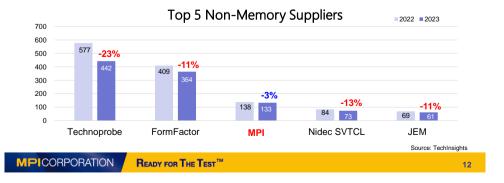


Total Own Make IC Probe Cards Venders



Top 5 Non-Memory Probe Card Vendors

(Rank)		2018	2019	2020	2021	2022	2023
Technoprobe	Italy	2	2	2	1	1	1
FormFactor, Inc.	USA	1	1	1	2	2	2
MPI Corporation	Taiwan	3	3	3	3	3	3
Japan Electronic Materials	Japan	4	5	5	4	5	5
Nidec SVTCL	Singapore	5	4	4	5	4	4

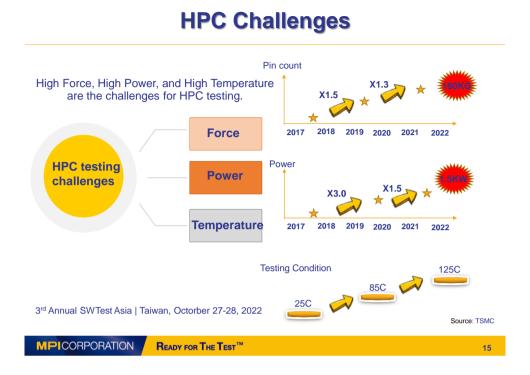


Probe Card: Total Solution Provider



Fast Growing Applications





Interface Technical Complexity Check in

	ia.goio	(001110 000		
"2x4 Scaling"=2xPins, 2xPerformance,			2018	2022	2026
every 4 years			Level 4	Level 5	Level 6
		Pin Pitch	90um	70um	50um
	Pin Density	Total Contact Force	80kg	150kg	250kg
SWIW SW Test Workshop	I/O Speed	Digital	32Gpbs	64Gpbs	128Gpbs
Semiconductor Wafer Test Workshop	NO Speed	RF/mmWave	< 12 GHz	29 GHz	+60 GHz
2-0-1-8					
Device Interface Challenges of the		Main Power	900 mV	750mV	625mV
Next Decade	Device Power	Single Rail	35A	50A	100A
Steve Ledford	FOWER	Impedance	2.2 mOhm	1.4 mOhm	0.8 mOhm
TERADYNE Teradyne		Self Heating	75 W		
June 3-6, 2018	Thermal	Operating Range	0 to +80C	0 to +105C	-20 to +125C
		t Expensive obe Card	\$400K*	>\$500K	>\$700K

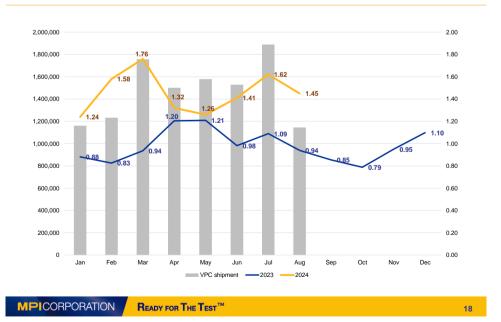
Complexity Trends are on pace to be at 2022 targets(1 Cycle) or in some cases beyond

Source:Teradyne



CPC Pin-Shipment & BB ratio

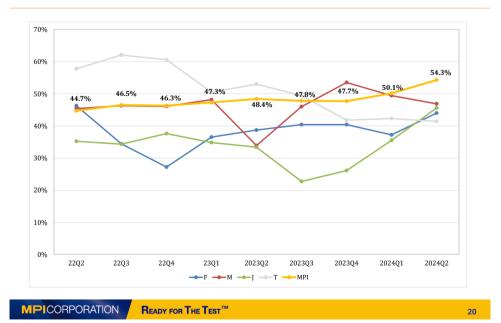
VPC Pin-Shipment & BB ratio

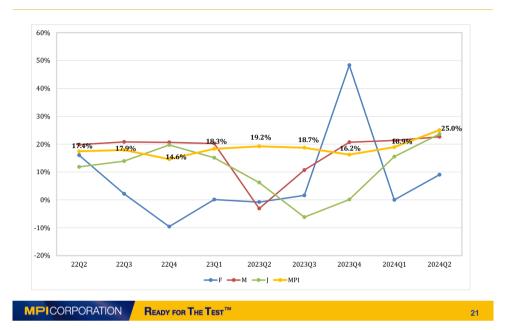




CPC and VPC Yearly Status

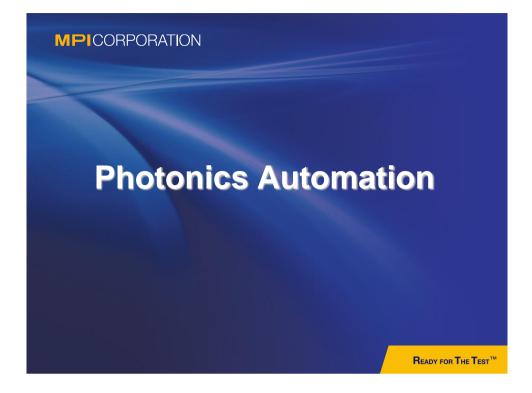
Gross Margin Between Global Peers





Operating Margin Between Global Peers

MPI <i>Probe Card</i>	
Company Confident Our Customer	
ASE GROUP Comkor EFIL JCET Set 化 件 校 CripMOS C	



Product Portfolio and Capability



Development Plan by Application







	Optical Sensing		Optical Communications		Micro Display
>	Focus on Sensing VCSEL Testing	>	Focus on VCSEL/Photodetector	≻	Lab and production wafer testing
≻	Production Wafer Prober in Low		Testing		tool development
	Temperature	≻	Wafer Prober for Dark /	≻	Contacting Accuracy
≻	High Power Measurement Tool		Responsivity / Capacity		Improvement
	and Technology Development		measurement	≻	Innovative testing methodology
۶	Flip Chip Wafer VCSEL testing	۶	RF Measurement Capability	≻	Optical measurement in
	Solution		Development		production methodology
۶	Package / Hybrid Device testing	>	SiPh package testing approaching		
	tool				

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Ready for The Test[™]

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PA: Work With Market Leaders

● Value Enhanced Product Lines 客戶價值導向的產品線規劃

MPI's experienced RD team comes across <u>lighting</u> and <u>electrical</u> fields with <u>automation</u> core technology that enables us to develop leading market solutions ie VCSEL & Micro LED.

• Solid Global Clientele 穩固的全球客戶群

MPI works closely with market leaders and international brand names for most advanced testing solutions.

• Continuous Product Innovation 持續的產品創新

Non stop RD investments helps MPI to provide high value added products that tackles clients' testing bottleneck.





Thermal: Customer Focus





AST: Unique Market Leader

• Unique Global Position 全球獨特的市場地位 Combining Analytical probing solution and RF measurement core technology, MPI is top solution provider for full range hi-frequency response measurement.

● VOC Design 客戶導向設計

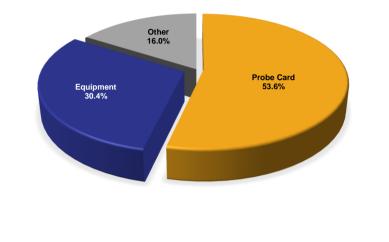
Design based on Voice of the customer to full-fill customers' needs.

• Complete Solution 提供完整的解決方案 Various series of products to cover wide range applications include Device Modeling, RF & mmW, WLR, High-Power, Failure Analysis, Extreme temperature test ...etc.



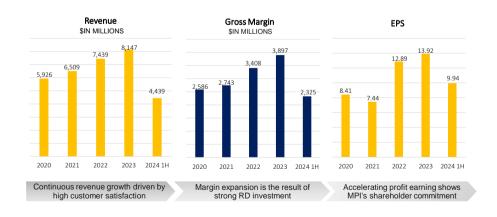


2024 1H Revenue Breakdown



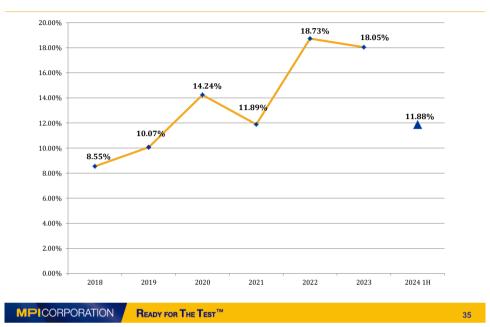
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Solid Performance



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Balance Sheet Highlight

NT\$ Million	1H 202	24	1H 20	23
Cash and Cash Equivalents	2,673	20%	1,993	17%
Fixed Assets	5,913	43%	5,396	46%
Total Assets	13,697	100%	11,765	100%
LT Debt	1,403	10%	953	8%
Shareholders' Equity	8,196	60%	6,924	59%
EBITDA	1,166	26%	739	19%
*EBITDA=operating income + depreciation & amo	ortization expenses			

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P&L

3,749 4 5,937 5	48% 52%	3,796,614 1,973,971 1,822,643 1,106,169	100% 52% 48% 29%
5,937	52%	1,822,643	48%
1,566	30%	1,106,169	20%
			29/0
4,371	22%	716,474	19%
2,244		22,557	
5,601 2	21%	622,676	16%
		6.62	
	0 04	9.94	9.94 6.62

