

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.







MPI-The Powerhouse of Testing Solutions

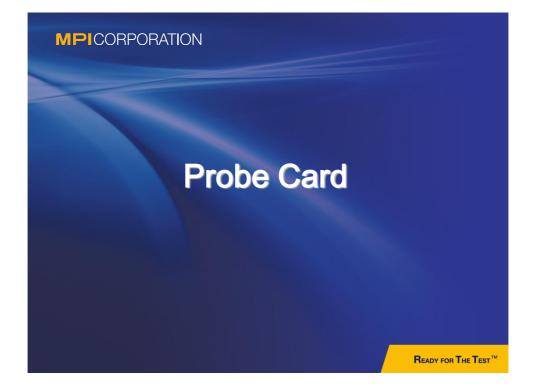


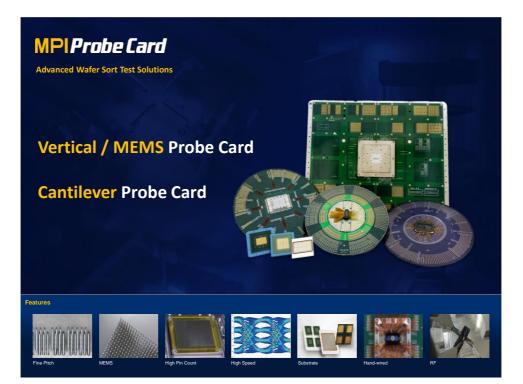


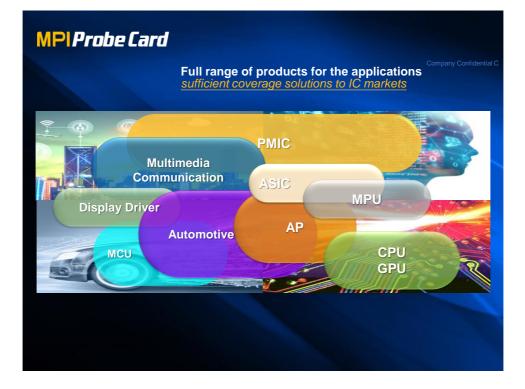
Business Contents Probe Card Photonics Automation Thermal & AST



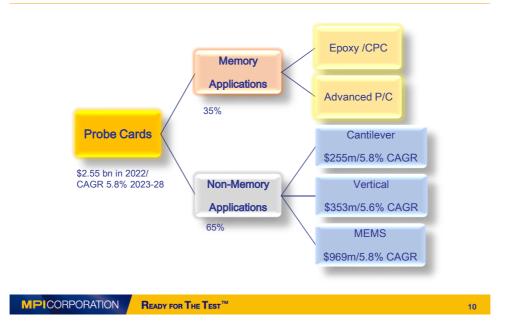
Financial Statements

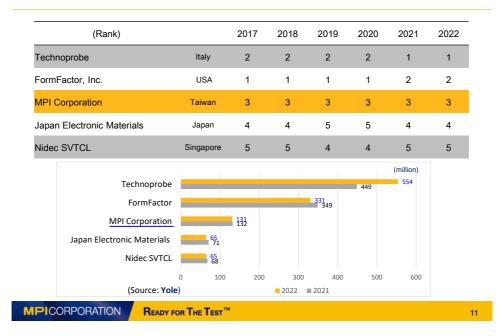






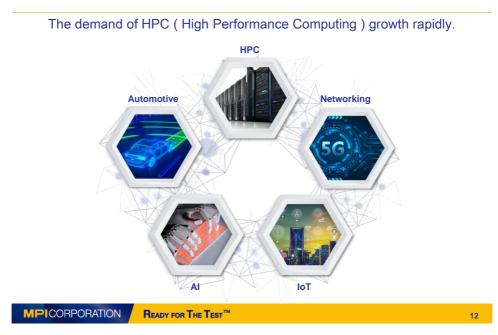
Global Probe Card Market Update

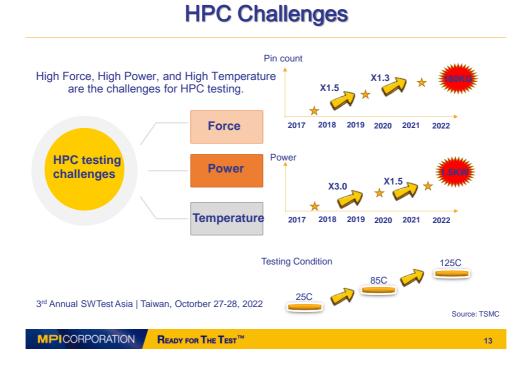




Top 5 Non-Memory Probe Card Vendors

HPC Demand





Interface Technical Complexity Check in

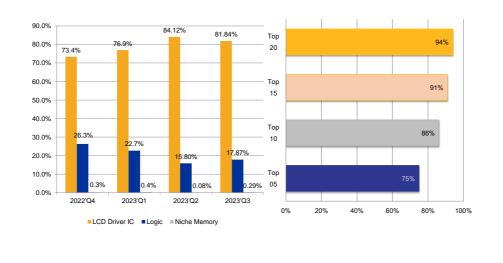
	largeto			co beyon	a
"2x4 Scaling"=2xPins, 2xPerformance,			2018	2022	2026
every 4 years			Level 4	Level 5	Level 6
		Pin Pitch	90um	70um	50um
	Pin Density	Total Contact Force	80kg	150kg	250kg
<u>{₩I₩</u> SW Test Workshop	I/O Speed	Digital	32Gpbs	64Gpbs	128Gpbs
Semiconductor Wafer Test Workshop	I/O Speed	RF/mmWave	< 12 GHz	29 GHz	+60 GHz
2+0+1+8					
Device Interface Challenges of the Next Decade	Device Power	Main Power	900 mV	750mV	625mV
		Single Rail	35A	50A	100A
Steve Ledford		Impedance	2.2 mOhm	1.4 mOhm	0.8 mOhm
TERADYNE Teradyne	Thermal	Self Heating	75 W		
June 3-6,2018		Operating Range	0 to +80C	0 to +105C	-20 to +125C
		t Expensive robe Card	\$400K*	>\$500K	>\$700K

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

Source:Teradyne

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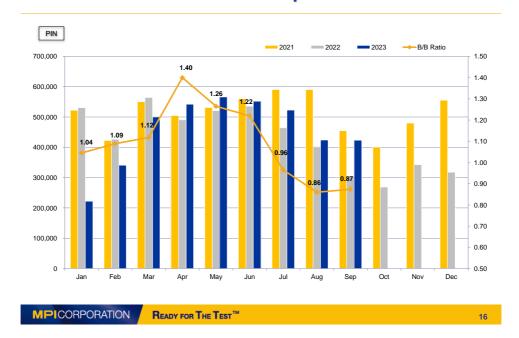
Product Mix of CPC (Cantilever)

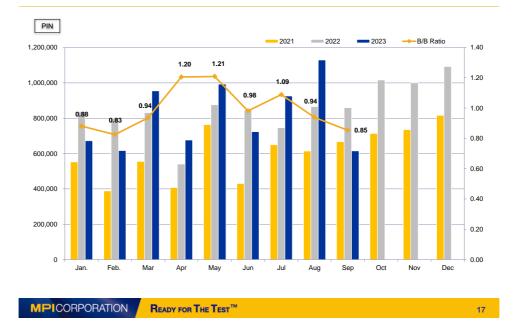
CPC Pin-Shipment

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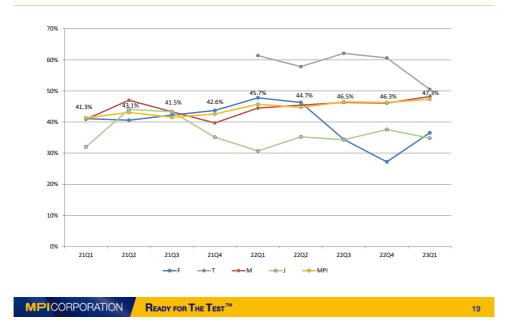




VPC Pin-Shipment

CPC and VPC Yearly Status





Gross Margin Between Global Peers

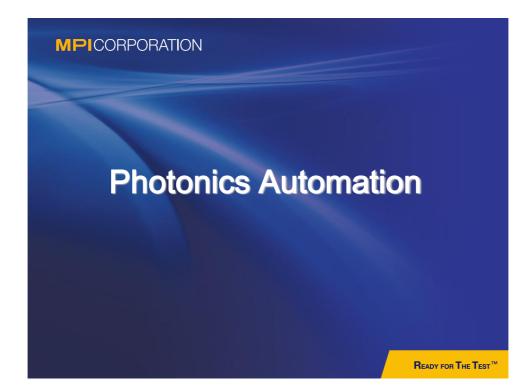
Operating Margin Between Global Peers



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Product Portfolio and Capability



Development Plan by Application

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

MPICORPORATION REA

READY FOR THE TEST[™]





Thermal: Customer Focus

● Innovational Temperature System 創新的溫度測試系統

Ongoing R&D investments in platforms and improvements leads MPI to meet customer demands. Thermal systems have a number of patents to provide efficient energy saving products that helps clients to fulfill ESG responsibility.

● Top Skillful RD Team 頂尖優秀專業的研發團隊

MPI's thermal solutions are developed by industry veterans with over 100 years of combined experience.

 Deep Cooperation with Leading Customers for Engineering and Production demand

與世界領導級大廠深度合作,提供工程及量產需求

Product application expands to automotive , 5G/RF communication , fiber optic , and sensing fields.

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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

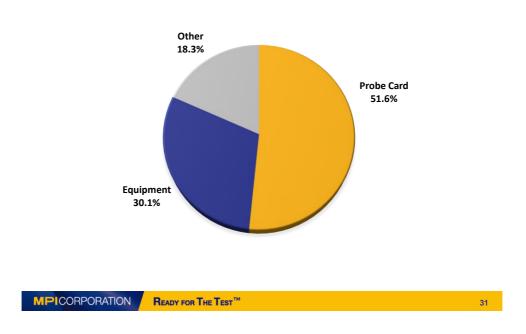
Various series of products to cover wide range applications include Device Modeling, RF & mmW, WLR, High-Power, Failure Analysis, Extreme temperature test ...etc.

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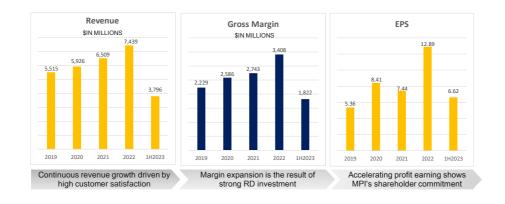
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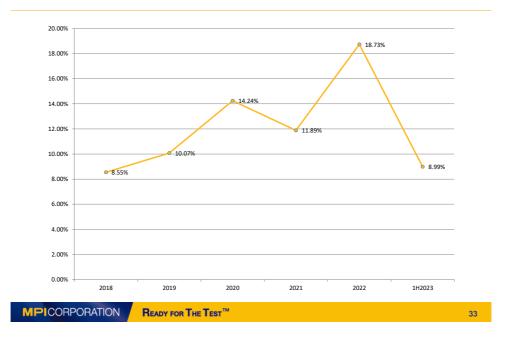




Solid Performance







Balance Sheet Highlight

NT\$ Million	1H 2023		1H 2022	
Cash and Cash Equivalents	1,993	17%	1,589	15%
Fixed Assets	5,396	46%	4,418	42%
Total Assets	11,765	100%	10,401	100%
LT Debt	953	8%	1,091	11%
Shareholders' Equity	6,924	59%	6,286	60%
EBITDA	739	19%	738	21%

*EBITDA=operating income + depreciation & amortization expenses

P&L

NT\$Million	1H 2023		1H 2022	
Net Sales	3,796,614	100%	3,588,079	100%
Cost of Goods Sold	1,973,971	52%	1,963,111	55%
Gross Profit	1,822,643	48%	1,624,968	45%
Operating Expense	1,106,169	29%	1,003,009	28%
Operating Income	716,474	19%	621,959	17%
Investment Income & Others	22,557		116,871	
Net Income (after tax)	622,676	16%	607,788	17%
EPS (after tax)	6.62		6.46	
	EST [™]			

