PASSIVE SYSTEM ALLIANCE Prosperity Dielectrics Co., Ltd.

Prosperity Dielectrics Co., Ltd

2024 Investor Conference (Stock code: 6173)

Date:2024.05.27

Investor Relations Contact Person : Summer Lou Email : IR@pdc.com.tw Tel : 03-4753355

Copyright [©] by Prosperity Dielectrics Co., Ltd. | All rights reserved.

Contents

- Company Profile
- **Financial Performances**
- Market Outlook
- Business Focus & Opportunity



Company Profile

Prosperity Dielectrics Corp :

 Established 	June, 1990
•Capital	NTD 1.72 Billion
•Employee	700
•Brand	PDC
•Revenue	Y2023 NTD 3.65 Billion Y2024 Q1 NTD 0.87 Billion





Branch Office/ Plant :

•Taiwan	Taoyuan / Yangmei Plant
•China	Wujiang Plant
	/Dongguan Office

Production experience :

•MLCC/CR	Since 1990	(34 years)
•Powder	Since 1995	(29 years)





Income statement

	\bigcap			In	Million NTD Exc	ept NTD for Ea	rnings Per Share
	2024 Q1	2023 Q4	QoQ	change(%)	2023 Q1	YoY	change(%)
Net Sales	873	859	14	2%	880	(7)	-1%
Gross Profit	194	164	30	18%	174	20	12%
Gross Profit(%)	22.2%	19.1%	3.2%		19.7%	2.5%	
N.O.P	124	84	39	47%	115	9	8%
N.O.P(%)	14.2%	9.8%	4.4%		13.0%	1.1%	I
Income Before Tax	185	53	133	252%	179	6	4%
Net Income	146	41	105	256%	150	(4)	-2%
Net Income(%)	16.7%	4.8%	12.0%		17.0%	-0.3%	1
EPS(NTD)	0.85	0.24	0.61		0.87	(0.02)	
PASSIVE SYSTEM ALLIANCE	PASSIVE SYSTEM ALLIANCE						

PROSPERITY DIELECTRICS CO., LTD.

Revenue & Margin rate Trend



Product planning and market application

 4G Base Station Server Modem/Router/ STB Power Supply Consumer 	- Al Iu - Sma - 5G - IOT - EV - Mea app - Sma	egrate t Industry ase Station cal · Aviation cation		
2013	2023	2024 Q1		
Revenue :NT 2.13B Gross margin%:15.7% EPS: 0.11	NT 3.65B 19.2% 2.64	NT 0.87B 22.2% 0.85		
Main Products				

Main Products

-Component(MLCC,CHIP-R ,Inductor): High power and high reliability for industrial, networking, automotive, medical and aerospace application



-Material: Disc, MLCC, LTCC, Microwave Powder







250nm



200nm

R,Inductor) :High power for industrial, networking and consumer application

-Component(MLCC,CHIP-

-Material: Disc, MLCC dielectric powder



2023 Sales Breakdown



Main Application





Main Application



Market Updates & Outlook Projection

Industry	Application	2024 market for	Market analysis	
Industr y	Power Supply		power supply market was worth US\$ 33.96Bn. In 2023 and total revenue is expecyed to go up.	-
E Automotive E	EV	*	Global EV sales, comprising battery-electric vehicles (BEVs)and plug-in hybrids(PHEVs) will reach 18 million units in 2024.this equates to EV sales to go up.	
	EV Charger		The electric vehicle charging infrastructure market size is estimated to go up at a CAGR of 30.75% between 2023 and 2028	
	PC		PC market rebound in 2024 with a YoY growth of 3.4% from 2023, mainly due to PC rerefresh cycle and AI integration.	- 👯
PC&P	NB		NB market expects 4.7% growth in 2024 with the ease of inflaction and newproduct launches as the 2-year long recession ends.	Sunny >11%
	Server		TrendForce estimates that whole server shipments in 2024 will grow up by only 2%-3% YOY.	*
Networking	Datacenter	*	The global data center market is anticipated to grow by 13.8% in 2024 and is projected to hit around USD 81.13B by 2032, registering a CAGR of 14.2% from 2023 to 2032	Partly Sun 6%~10%
AI	AI Stever	***	TrendForce has revised it's CAGR forecast for AI server between2022 and 2026 upwards to 29%	
Mobile	Smartphone	~	Smartphone market recovery will continue in 2024 with 3.8% growth expected .5G adoption continues to be a bright spot with a 20% growth in 2024.	0%~5%
Cosummer	тv	~	Constrained consumer budgets real estate bubble in China and increase in TV panel prices all have suppressed TV demand. The Paris Olympics and UEFA Euro 2024 are expected to support a slight groth of 0.2%	Rainy
New Life	AR/VR	÷.	AR/VR headset market recovery in 2024 as shipment of AR/VR headsets are expected to growth 46.4%	-1%5%
	Medical Device	*	Grobal smart Medical Devices Market size is expected to be reach USD 190B by 2024 a 10.4% YOY Growth	Thundersto
5G Networking	5G O-RAN	*	The O-RAN market is projected to growth at CAGR of 33.0% from 2023 to 2030	-370
	5G Base station	*	Global 5G base statstion market revenue is expected to increase by USD 468.9B by 2032, with a 29.3%CAGR from 2023 to 2032.	

PROSPERITY DIELECTRICS CO., LTD.

PDC main products vs application markets

Application	PDC Main Product		
Al Server ,Data center, 5G Base Station,Networking	$\begin{array}{c} \mbox{Mid/Hi-Voltage \$} \\ \mbox{High Reliability} \\ 100F \longrightarrow 1000F \\ \hline \end{titue} \mbox{Size} 5100V-6KV \\ \hline \end{titue} \mbox{Size} 5100V-6KV \\ \hline \end{titue} \mbox{Size} 5100V-6KV \\ \hline \end{titue} \mbox{Size} S$		
EV, Charging Station	Automotive Certificate Cap.(X7R/NPO) 1206~2220 50V-4KV 10uF → 100uF 高音規植開發		
Medical, Aerospace, Application	ODM (X7R/NPO) Ultra Big size 3035°13060(°10,000V) 航空、醫療、軍用特殊領域 以PME為主		

PDC MLCC Ceramic powder product planning



Opportunity

- Looking forward to 2024 with the increasing demand for AI Server ,Data center, 5G Base Station, EV, Charging Station, the application opportunities of large-size ,Hi-reliability MLCC and Chip-R for PDC will increase.
- Special application markets such as Medical and Aerospace are expected to grow.
- High reliability NPO MLCC replaces Film Cap and X7R, X7T MLCC has increased opportunities to replace aluminum and tantalum electrolytic capacitors.
- A large number of radio frequency components related to 5G applications have increased, which has led to an increase in the demand for ceramic powders in LTCC and high-frequency low-dielectric filtering applications.
- As the market share of EVs gradually increases and the demand for vehicles and EV charger increases, the number of ceramic powders used in vehicles and charging equipment increases accordingly.

Business focus

- MLCC · Chip-R
 - Targeting high-growth application market areas, we continue to develop higher power and high capacitance MLCCs and high power Chip-R.
 - With independent material development and process technology capabilities, it can effectively cooperate with medium, high-voltage and large-sized special MLCCs to introduce high value-added markets, and reduce costs to enhance competitiveness.

Dielectric Powder–

- Continue to develop high-end, high-temperature, highvoltage, high-capacity, and special-application MLCC dielectric ceramic powders.
- In response to the growing needs of the 5G and AI application markets, we continue to develop high-end and special application microwave powders.
- Continue to develop LTCC materials and Cu electrode process MLCC dielectric ceramic powder for various series of RF/high frequency components.

Thank you!

本資料均屬機密,僅供指定之收件人使用,未經寄件人許可不得揭露、複製或散佈本信件。

This message and any attachments are confidential and may be legally privileged. Any unauthorized review, use or distribution by anyone other than the intended recipient is strictly prohibited. If you are not the intended recipient, please immediately notify the sender, completely delete this documents, and destroy all copies. Your cooperation will be highly appreciated.