Contribute to 5G society



Securities code: 4971

March 23, 2024



Note : This document has been translated from the Japanese original for reference purposes only. In the event of any discrepancy between this translated document and the Japanese original, the original shall prevail.



FYE12/2023 Summary

Business environment

In fiscal 2023, although inventory adjustments for PCs, smartphones, displays, tablet PCs, etc. have run their course, demand for electronic devices will remain weak against the backdrop of weak personal consumption. Data centers, which were performing well until Q3 2022, prioritized investment in cutting-edge fields over traditional fields due to limited budgets.

Example 7 Summary of financial results

YoY decrease in sales and profits

Sales and profits decreased due to the business environment. Although the market bottomed out in Q1 2023 and has been on a recovery trend, the degree of recovery has been slow.

Antion Chemical

- CZ : Down Weak demand for related electronic equipment.
- V-Bond : Down Although there are signs of recovery in automobile production, it is still affected by smartphones.
- EXE : Increase Completed inventory adjustments for relate electronic equipment.
- SF : Down Weak demand for related electronic equipment.



FYE12/2023 Results

Unit : million yen

	FYE12.2022	FYE12.2023		
	Results	Results	YOY (%)	
Net sales	16,329	14,020	-2,309	-14.1%
Chemical sales	16,042	13,764	-2,277	-14.2%
Operating income	4,004	2,492	-1,511	-37.7%
Operating profit margin	24.5%	17.8%	-6.7ppt	-
Ordinary income	4,246	2,683	-1,563	-36.8%
Ordinary profit margin	26.0%	19.1%	-6.9ppt	-
Net income	3,064	2,304	-759	-24.8%
Net income per share	161.22	122.29	-	-



FYE12/2024 Forecast

	FYE12/2024						
	1H			Full-year			
	Amount (million yen)	Profit ratio (%)	YOY change (%)	Amount (million yen)	Profit ratio (%)	YOY change (%)	
Net sales	7,850	-	26.6	16,300	-	16.3	
Operating income	1,300	16.6	55.0	3,000	18.4	20.3	
Ordinary income	1,350	17.2	34.6	3,100	19.0	15.5	
Net income	950	12.1	-11.7	2,150	13.2	-6.7	
Net income per share(yen)	50.73	-	-	114.82	-	-	

In the first half of FY2023, special profits have been recorded due to the transfer of land and buildings at the Nishinomiya factory.(549 million yen)



Corporate profile

(As of December 31, 2023)

Company name	MEC COMPANY LTD.		
Head quarters location	3-4-1, Kuise Minamishimmachi, Amagasaki, Hyogo 660- 0822, JAPAN		
Date of establishment	May 1, 1969		
Business activities	R&D, production and sales of chemicals, equipment and related materials used in the production of PCBs and electronic components.		
Presentative	President and CEO Kazuo Maeda		
Capital	594,142,400 JPY		
Net sales	14,020 million JPY (Consolidated)		
Stock listing	Tokyo Stock Exchange Prime Market Securities code: 4971		
Number of employees	454 persons (Consolidated) 263 persons (Non-consolidated)		
	iofing special for shareholders 2024		

Shareholder composition (number of shares owned)

	Jun. 2022	%	Dec. 2022	%	Jun. 2023	%	Dec. 2023	%
Individuals	5 ,705,803	28.4	7,411,266	36.9	5,139,472	25.6	5,551,958	27.7
financial institutions	7,028,129	35.0	6,052,129	30.2	7,682,329	38.3	6,466,029	32.2
d o m e s t i c corporations	1,625,306	8.1	1,642,663	8.2	1,633,196	8.1	1,605,916	8.0
foreign corporations	4,163,540	20.7	3,736,113	18.6	3,807,883	19.0	4,841,354	24.1
securities companies	652,542	3.3	333,107	1.7	626,371	3.1	423,924	2.1

*% is rounded to the second decimal place.

*Does not include treasury stock.



Trends in Total Dividends, Consolidated Dividend Payout Ratio



- Jun. 2023 286,000 shares
- Dec. 2018 200,000 shares
- Mar. 2017 200,000 shares
 - Mar. 2016 140,000 shares
- > Nov. 2015 500,000 shares
- Feb. 2009 300,000 shares

 \geq

100 or more shares QUO CARD 1,000 Yen 1,000 or more shares QUO CARD 2,000 Yen %Target shareholders who own 100 or more shares (1 unit) of the Company's stock listed or recorded in the shareholder register as of December 31 of each year

Motto, Management Philosophy

Enjoy your work

Visionary Technology Reliable Quality Meticulous Service

The MEC group will contribute to the creation of a prosperous and diverse society and sustainable environment, inspired by an unconventional approach based on the principles of "Visionary Technology", "Reliable Quality" and "Meticulous Service", thereby creating and fostering value at various interfaces through our global activities.



What is MEC ?

MEC develops and sells chemicals used in the manufacture of printed circuit boards and parts.



- Melt the surface of metal (Mainly copper) and add value.
- Exclusive share in the process of melting copper for organic package substrates.



Approximately 10% of consolidated sales are invested in R&D, and R&D personnel are 1/3 of non-consolidated employees.

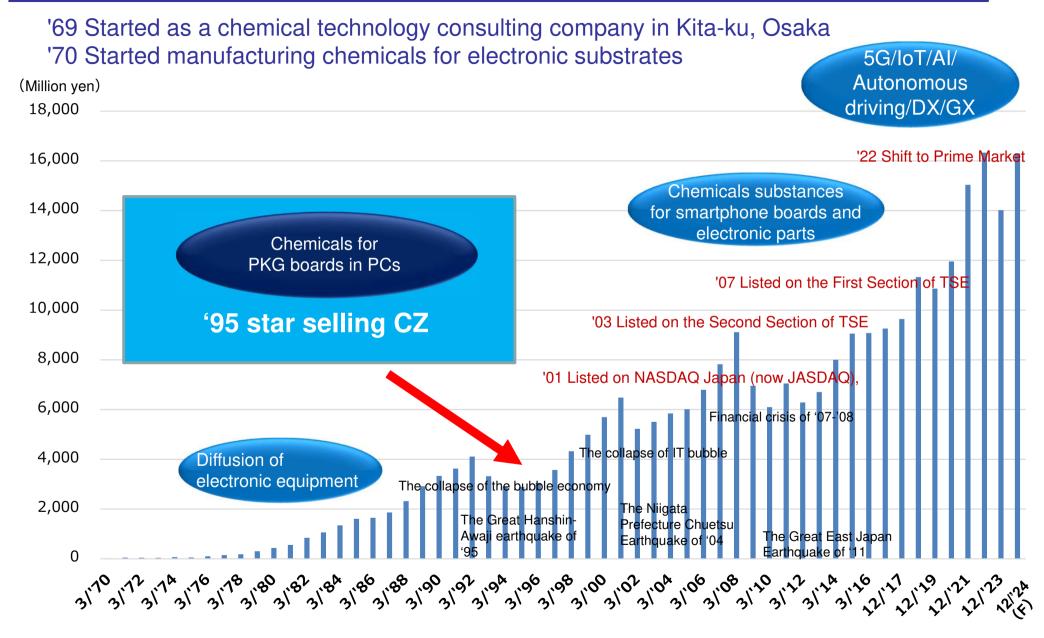


We can provide products of the same quality at any production site around the world.

It's not a substrate manufacturer It doesn't carry out plating



MEC Sales Trend

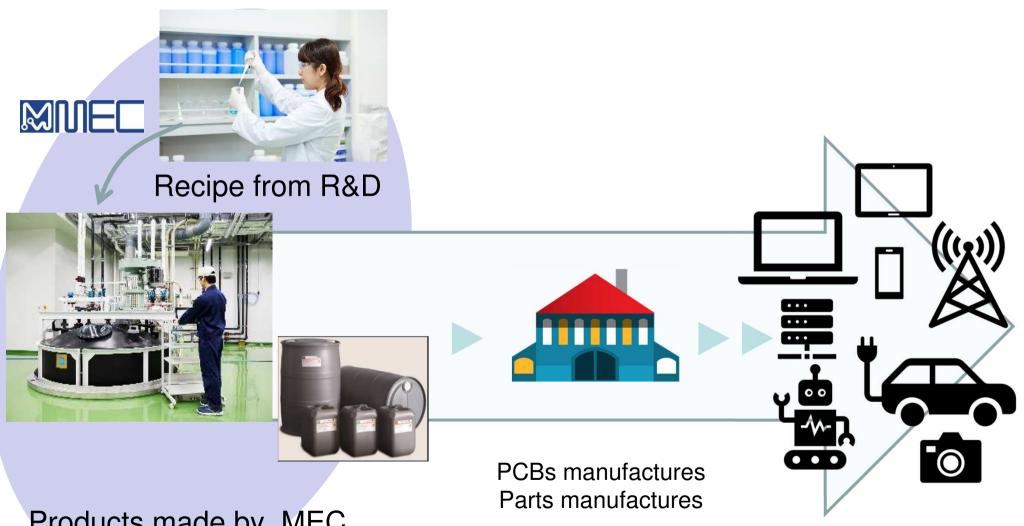




Bases



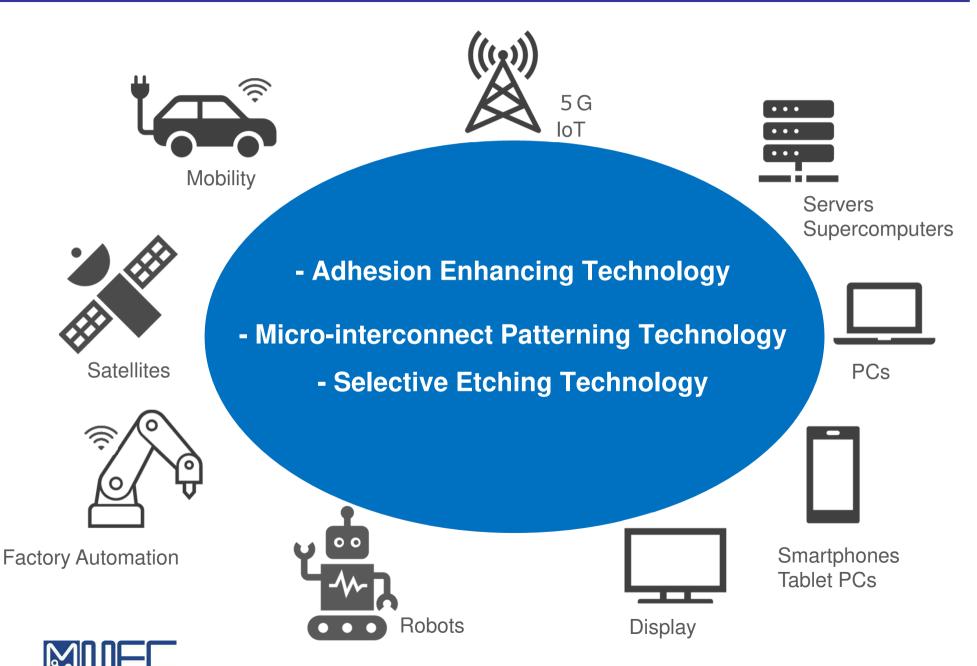
MEC's Chemicals Bring Abundance into Life



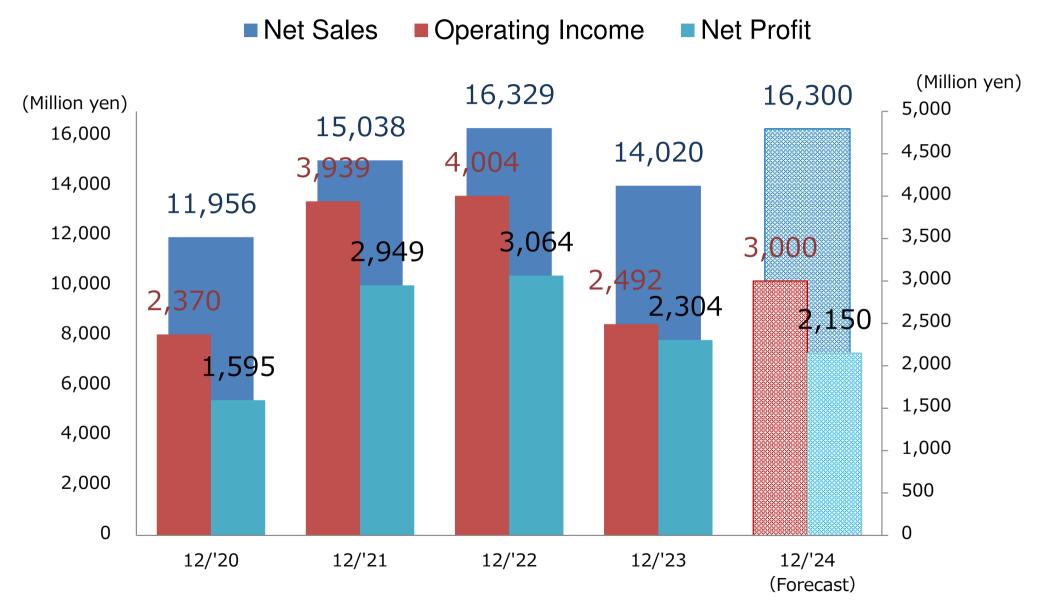
Products made by MEC



Fields where MEC can Play an Active Role



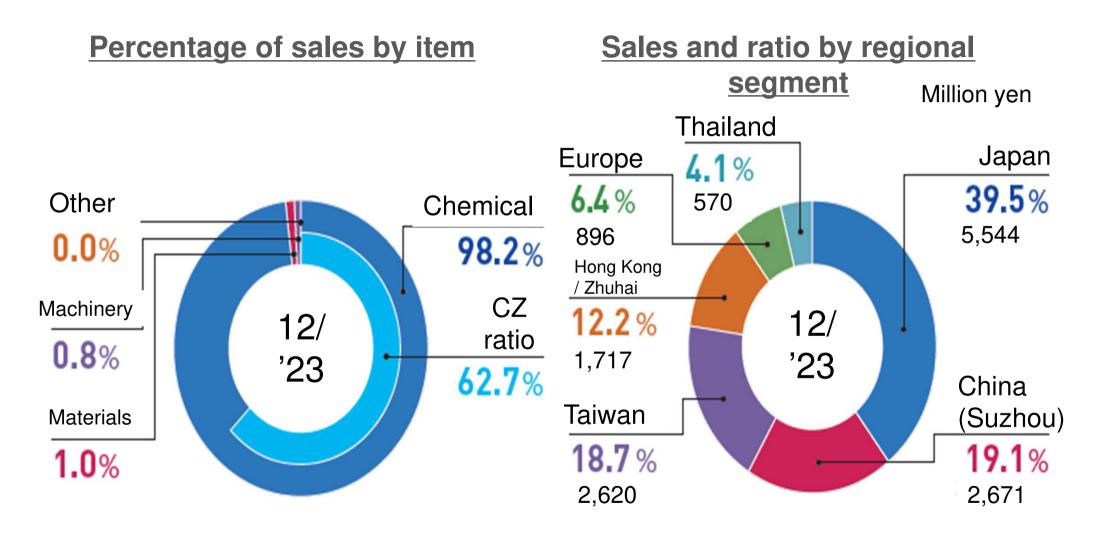
Consolidated full-year performance trends





Briefing session for shareholders 2024

Sales composition





Growth keywords and steps to sales expansion

5G

 Generations of communication methods

$Iot \cdot AI$

• Everything is connected to the internet and artificial intelligence is applied to information processing

Vehicle

- Driving assist system
- EV(Electric Vehicle)

Increase in global demand for semiconductors

> Huge investment by semiconductor manufacturers

Huge investment by PKG board manufacturer

Sales expansion for MEC



The New Factory

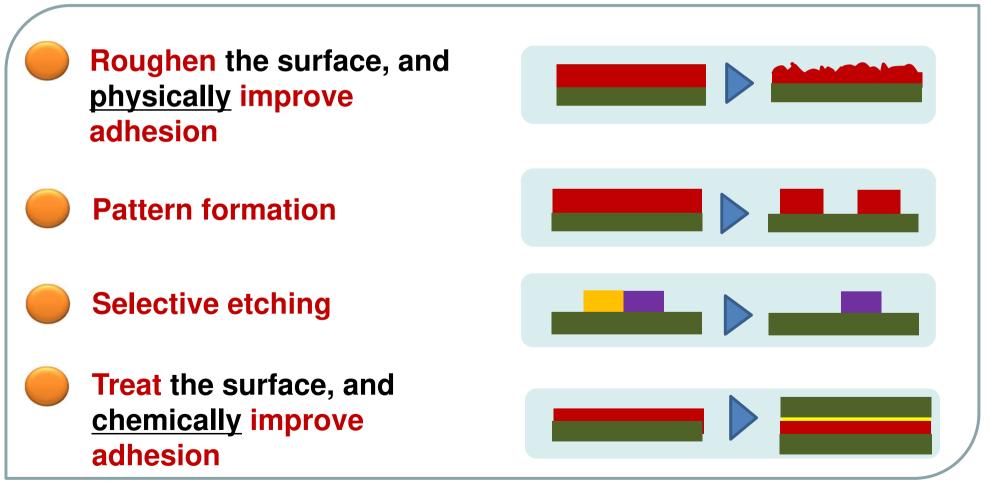


Location: 10 Koyomachi, Wakamatsu-ku, Kitakyushu City, Fukuoka Prefecture Site area : 29,889 m² Start of construction: April 2024 (planned) Total investment: Approx. 4 billion yen (including land acquisition costs) Investment plan: Own funds and dept financing (planned) Production capacity: Approx. 30,000t/year (planned) Number of newly hired employees: 10 to 20 (planned) Commencement of operations: July 2025 (planned)



MEC's Core Technologies

Creating and Fostering Value at Various Interfaces





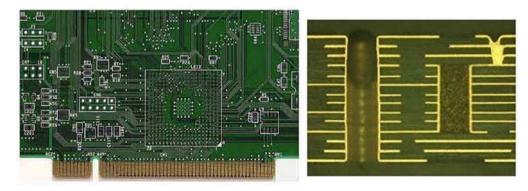
Examples of Major Chemical Applications and Final Products

Major chemical	Characteristic	Final products
Super-roughening type adhesive enhancement CZ series	Adhesion improver mainly for PKG substrates. A copper surface treatment agent that enhances adhesion between copper and resin.	Infrastructure (5G-related, data centers, etc.) and high- function devices (PCs, smartphones, tablet PCs, etc.)
Adhesion improvers for multilayer substrates V-Bond series	Adhesion improver mainly for multilayer substrates. A copper surface treatment agent that enhances adhesion between copper and resin. Not used for PKG substrates.	Smartphones, cars, etc.
Anisotropic etchant EXE series	Etching agent for COF substrates. Fine wiring can be formed through subtraction.	TV and PC monitors, etc.
Selective etchant SF series	Etching agent with selectivity to copper.	Tablet PCs, etc.

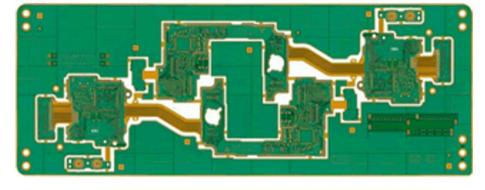


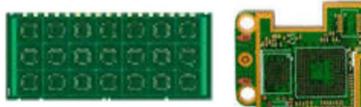
PCBs are used in all fields: household appliances, communication equipment, medical equipment, airplanes, automobiles and industrial equipment.

MEC develops and provides chemicals and machines used during the manufacturing process of PCBs which are essential to our living.



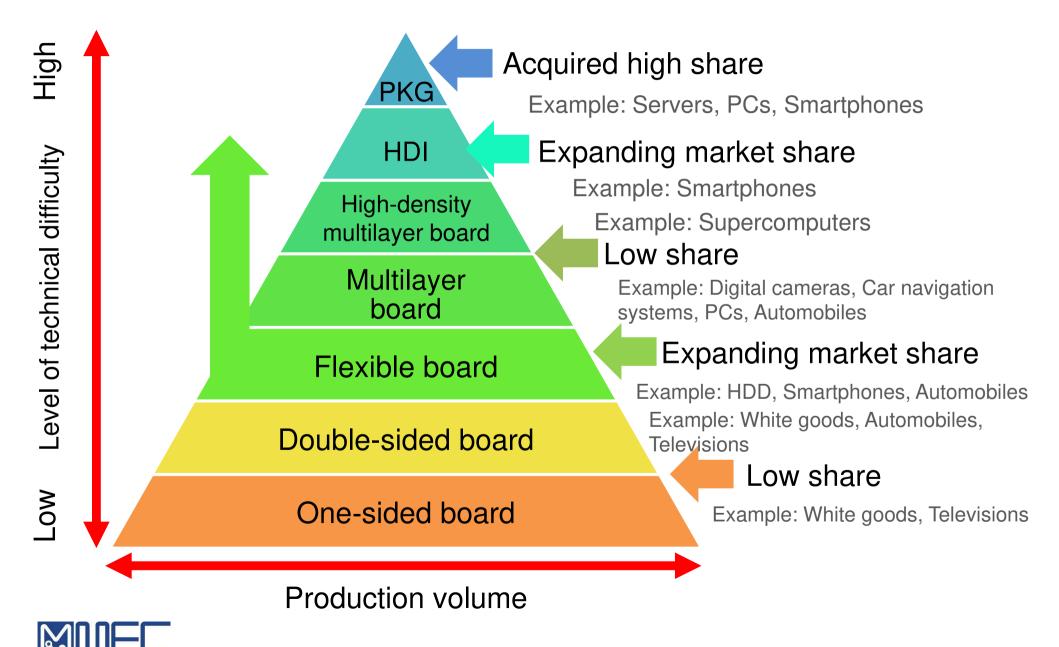




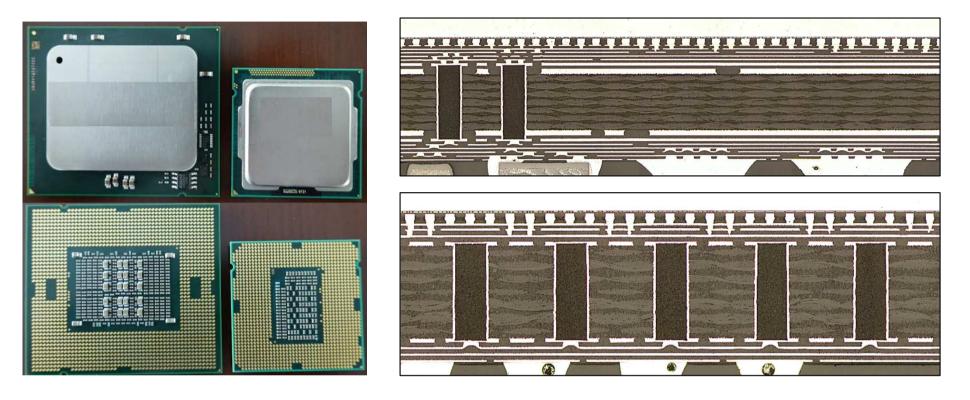


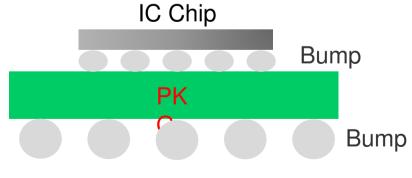


Areas in which MEC has strengths



Package Substrate (PKG)





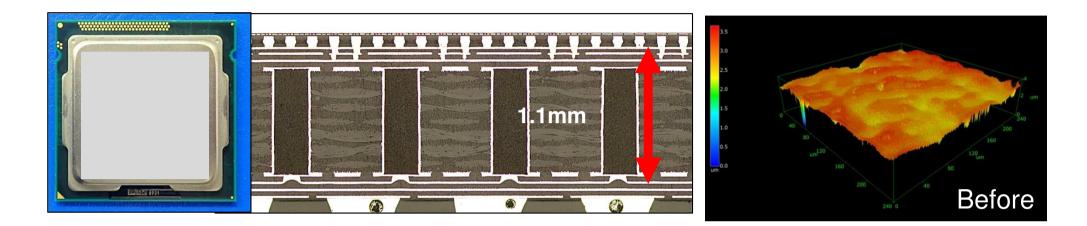
PKG Cross-section image

Semiconductors follow the **nm** rule Electronic substrates follow the μ m rule 1 mm = 1,000 μ m

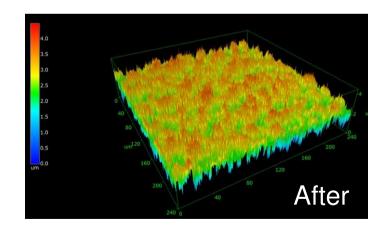
1 mm = 1,000 µm1 mm = 1,000,000 nm



PKG Substrate and CZ



- > PKG Substrate is necessary for mounting semiconductors.
- MEC's CZ series produces unique, superfine surface roughness by soft-etching copper surfaces, when hot-melt resin is forced into the roughened surface and solidifies, a strong bond is achieved due to the "anchor effect."





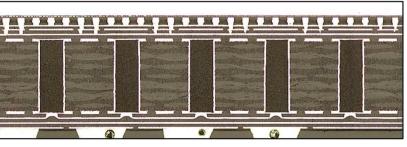
Inside the computer



PKG board under cooling fan



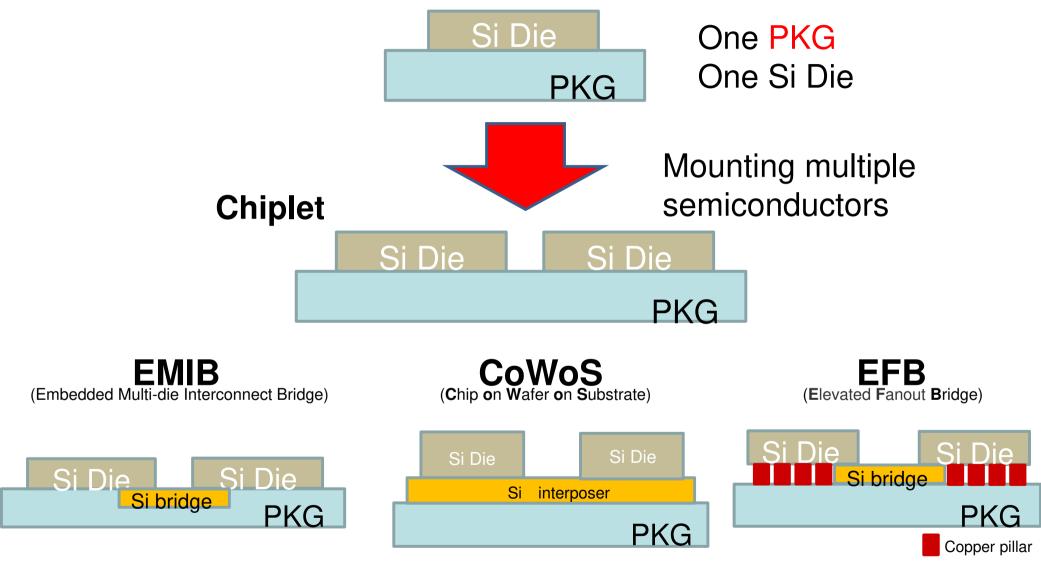
This distance slows down the process



PKG Cross-section



Evolution of the PKG substrate

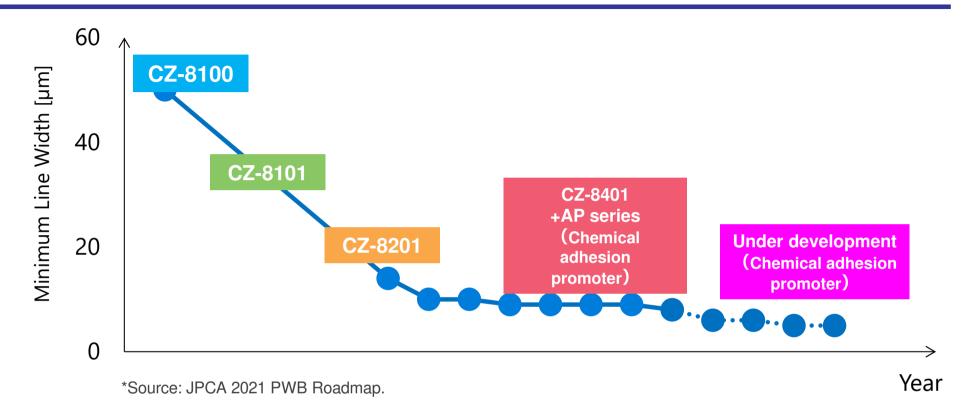


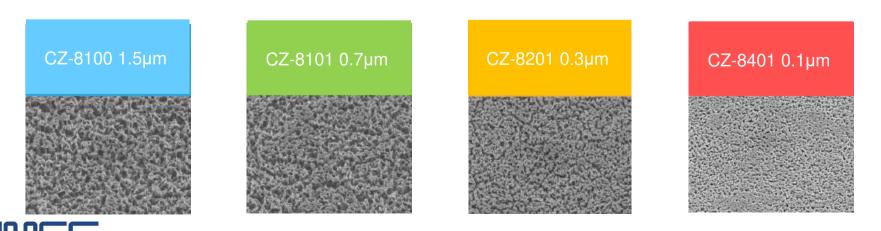
PKG size is big and layers are increase.



CZ series roadmap

K







Aiming to expand the business domain

Electronic board manufacturing market

Technical

trend

Application development of existing technology

Creation of new

business



Briefing session for shareholders 2024



Securities code :4971 MEC COMPANY LTD.

2030 Vision Phase 1

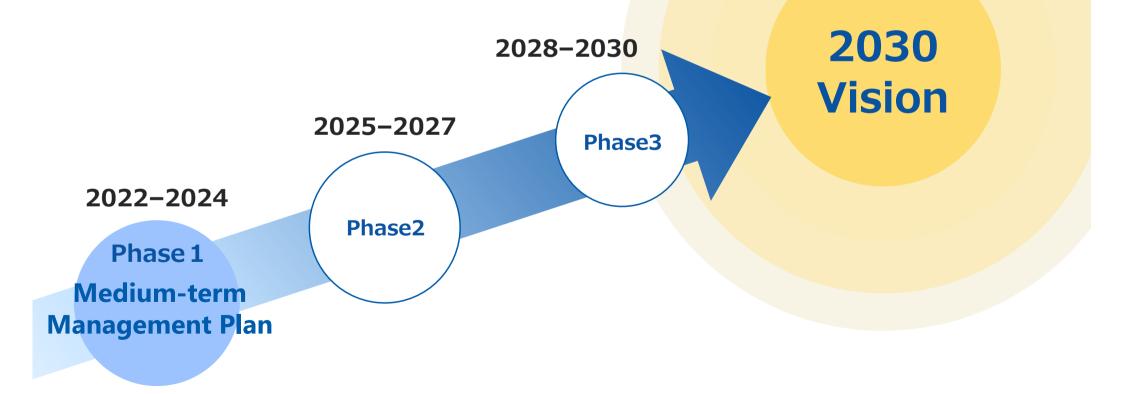
Medium-term Management Plan (2022-2024)

February 22, 2022

Note : This document has been translated from the Japanese original for reference purposes only. In the event of any discrepancy between this translated document and the Japanese original, the original shall prevail.

Positioning of the Medium-term Management Plan

Aiming to achieve sustained growth and optimize corporate value over three three-year medium-term management plans toward our envisioned company image in 2030







Become a truly global company that creates new value with visionary technology



Continue to be an R&D-based company



Present an image as a visionary AI company



Creating and Fostering Value at Various Interfaces

This presentation includes forward-looking statements (such as predictions and business forecasts) made in March 23, 2024. These statements are assumptions based on information available at the time, and they are subject to risks and uncertainties. Actual results or events could differ substantially from those forecasted in such statements due to a plethora of variables.



https://www.mec-co.com/en/

Our website contains a variety of information, including press releases, shareholder communications, sustainability reports, corporate governance reports, and more. Please take a look.





