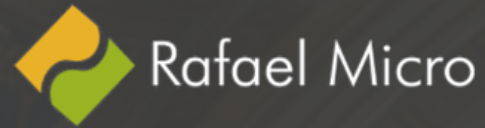


股票代號：**6568**



宏觀微電子股份有限公司

2024年法人說明會

Michaelangelo, Leonardo da Vinci and Rafael (Raffaello Sanzio in Italian) are the famous three Masters of the Italian Renaissance.

They creatively excelled in both science and art so their works influenced the future of Western culture.

Radio frequency technology is commonly called RF thus we have adopted Rafael's name for its R and F.

Rafael Micro | 免責聲明

Except for historical information contained herein, the matters set forth in this presentation are forward looking statements that are subject to risks and uncertainties that could cause actual results to differ materially, including the impact of competitive products and pricing, timely design acceptance by our customers, timely introduction of new technologies, ability to ramp new products into volume, industry wide shifts in supply and demand for semiconductor products, industry overcapacity, availability of manufacturing capacity, financial stability in end markets, and other risks.

Rafael Micro Overview

- 2006年成立，2016年公開發行(股票代碼: 6568)，員工人數約96人，85% 是研發/工程背景人員。
- 總部設於竹北，於深圳與首爾設有營運據點。專注於研發設計高速/寬頻射頻晶片，是亞洲最大的矽晶調諧器供應商。

8K TV/STB RF IC

4K, 8KTV, STB

- Receiver for 4K, 8K TV
- Tuner for 4K, 8K TV
- Receiver for STB

Satellite LNB & Tuner

Satellite application

- Multi-switch
- LNB RF IC

IoT SoC

IoT application

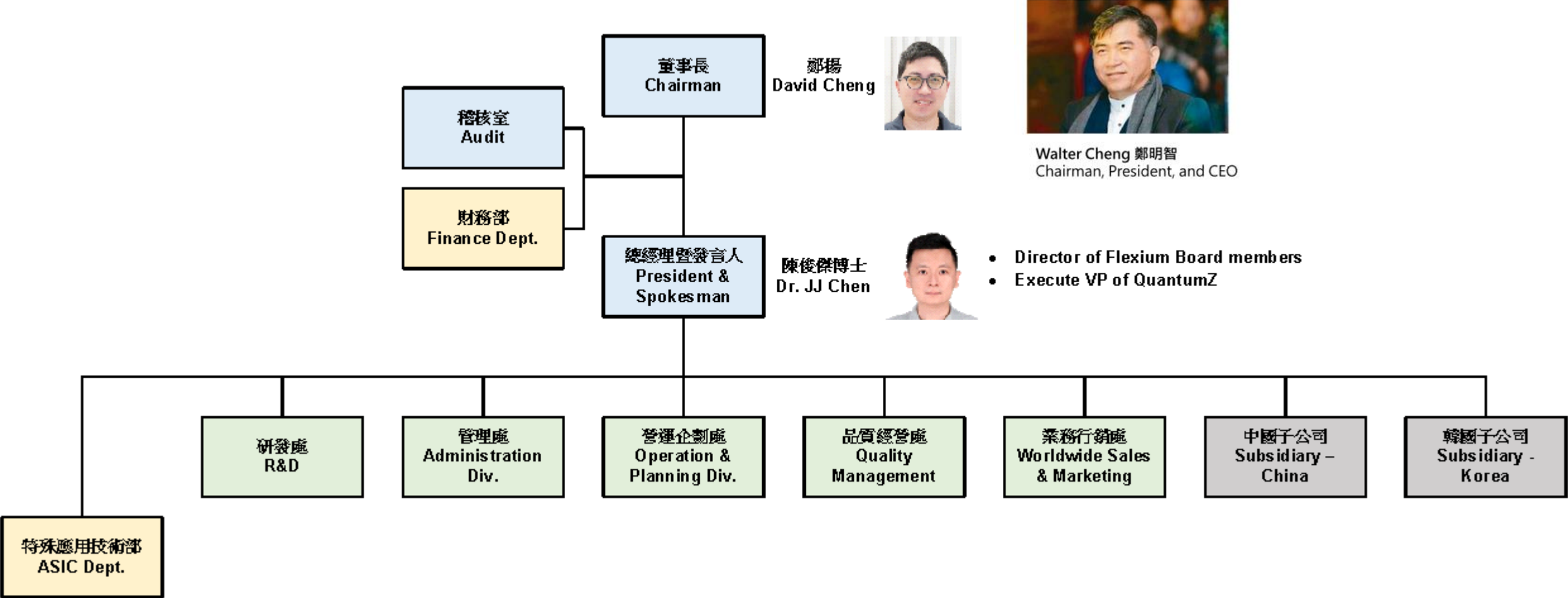
- BLE, Zigbee, Thread
- Sub-GHz
- ASIC design services

Optical Communication IC

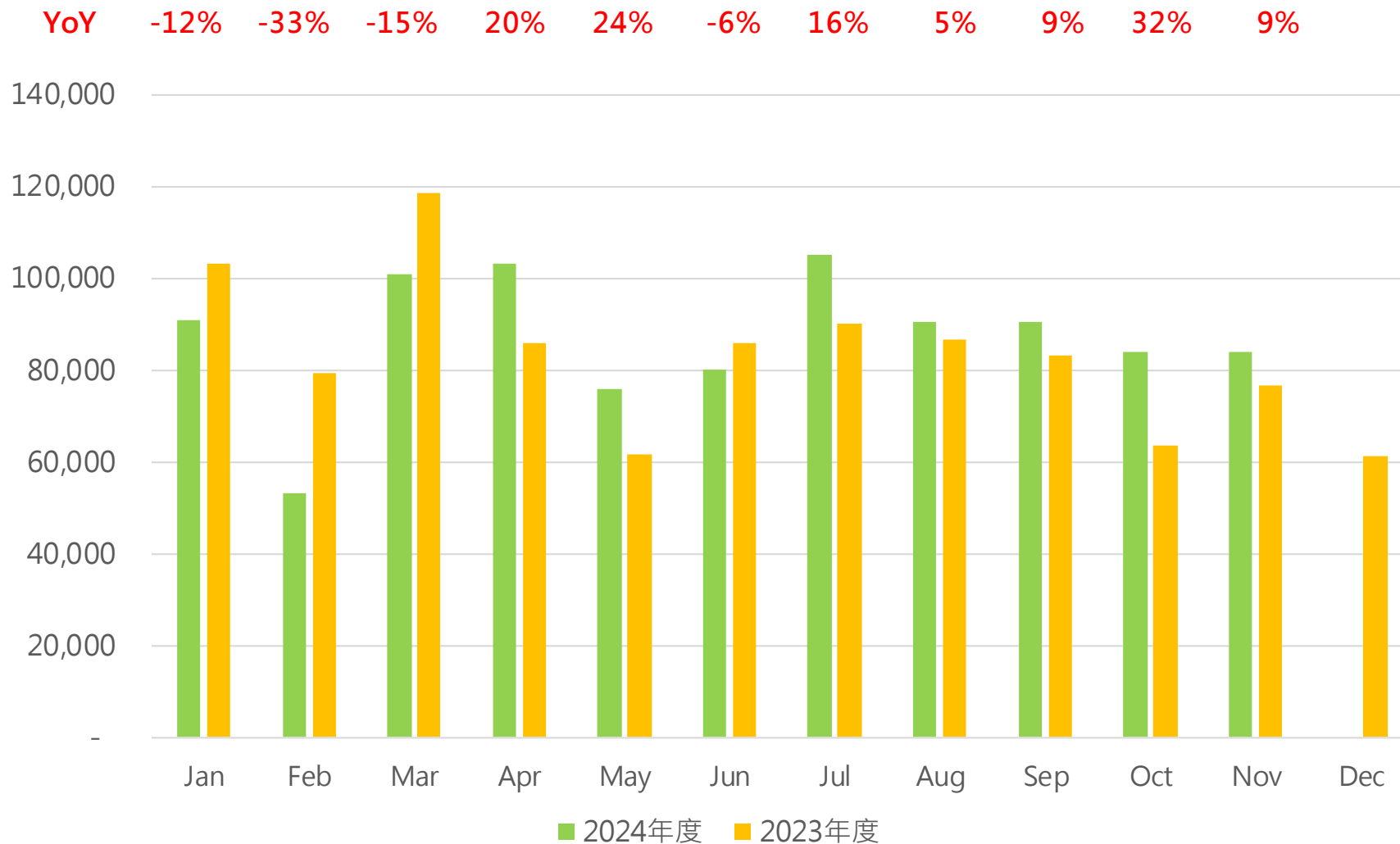
Optical application

- Data center XCVR
- Telecom 5G, PON XCVR
- Consumer AOC

Rafael Micro | RM Management team



Rafael Micro | 月營收



Rafael Micro | 2024年前11月產品線別營收

Unit:NT\$K ; %

Revenue	Eleven Months Ended Nov 30th		YOY(%)	Percent of Revenue(%)
	2024	2023		
TV	677,541	525,863	29	71
SAT	201,912	172,203	17	21
Optical Fiber	63,819	29,476	117	7
SOC	13,873	206,878	(93)	1
Sample	1,036	228	0	0
Total	958,181	934,648	3	100

Rafael Micro | 綜合損益表

Unit:NT\$K

項 目	2024/1-9		2023/1-9		YOY	
	金額	%	金額	%	金額	%
營業收入	790,295	100	794,363	100	(4,068)	(1)
營業成本	(475,142)	(60)	(497,460)	(63)	22,318	4
營業毛利	315,153	40	296,903	37	18,250	6
營業費用	(225,134)	(29)	(252,063)	(31)	26,929	11
營業淨利	90,019	11	44,840	6	45,179	101
營業外收支	15,751	2	21,630	2	(5,879)	(27)
稅前淨利	105,770	13	66,470	8	39,300	59
所得稅費用	(10,868)	(1)	(2,773)	(0)	(8,095)	(292)
本期稅後淨利	94,902	12	63,697	8	31,205	49

基本每股盈餘

3.12

2.10

寬頻射頻產品

■ TV、STB與SAT產品線：

- 既有客戶基礎下與國際品牌滲透率增加，故整體出貨量與營收創近年新高。
- 目前出貨量穩居全球第二，超過**35%**的市場佔有率。
- 明年將著重於**巴西以及印度等新興市場**。

光通訊產品

■ Single-mode :

- XG-PON已開始批量出貨，將陸續並提高替換歐美方案比重。
- 繼中國三大運營商推動2.5G升速10G，25G/50G到戶將是下一個推動標準。

■ Multi-mode:

- 中國主要資料中心用戶導入成功，逐漸替換歐美25G /100G方案比重。
- 消費型AOC(HDMI)逐步被大客戶採用，將逐步提供市場佔有率，未來將主力發展USB 4.0 Type-C AOC。

SoC產品

■ ASIC service :

- 減少過去兩年低毛利率的**ASIC**合作案，雖然營收大幅下滑，但整體毛利率回穩，獲利狀況大幅改善。
- 日商合作之**車用電視接收晶片**，已通過量產測試，產品預計於明年進入量產。
- 北美新創公司合作提供**安防晶片解決方案**，共同推動參考設計方式升級現有安防系統。



Thank You

Rafael Micro create RF integrated circuits with this same aspiration by continuously pursuing innovation and unique creativity.