



ASM  Pacific Technology

Q1 2022 RESULTS PRESENTATION

21st April 2022

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AGENDA



Group Key Highlights



Financial Performance



Outlook

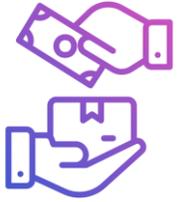


Q&A

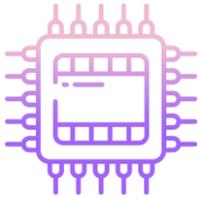


GROUP KEY HIGHLIGHTS

Q1 2022 Group Key Highlights



Record Q1 Revenue Amid Continued Supply Chain Challenges



Advanced Packaging Momentum Underpins Strong Group Bookings



Strong Q1 Demand for Automotive Solutions



Unique and Broad Product Portfolio's Competitive Advantage

Q1 2022 Group Key Highlights

Record Q1 Revenue Amid Continued Supply Chain Challenges

(-15.1% QoQ)
(+21.5% YoY)

US\$675M



Revenue

(+34.2% QoQ)
(-10.0% YoY)

US\$903M



Bookings

(-69 bps QoQ)
(+107 bps YoY)

40.6%



Gross Margin

(-97 bps QoQ)
(+361 bps YoY)

19.1%



Operating Margin



Backlog

US\$1.52B

(+26.9% YoY)
(+18.2% QoQ)



Net Profit¹

HK\$830M

(+57.1% YoY)
(-15.0% QoQ)



EPS

HK\$2.02

(+59.1% YoY)
(-9.0% QoQ)

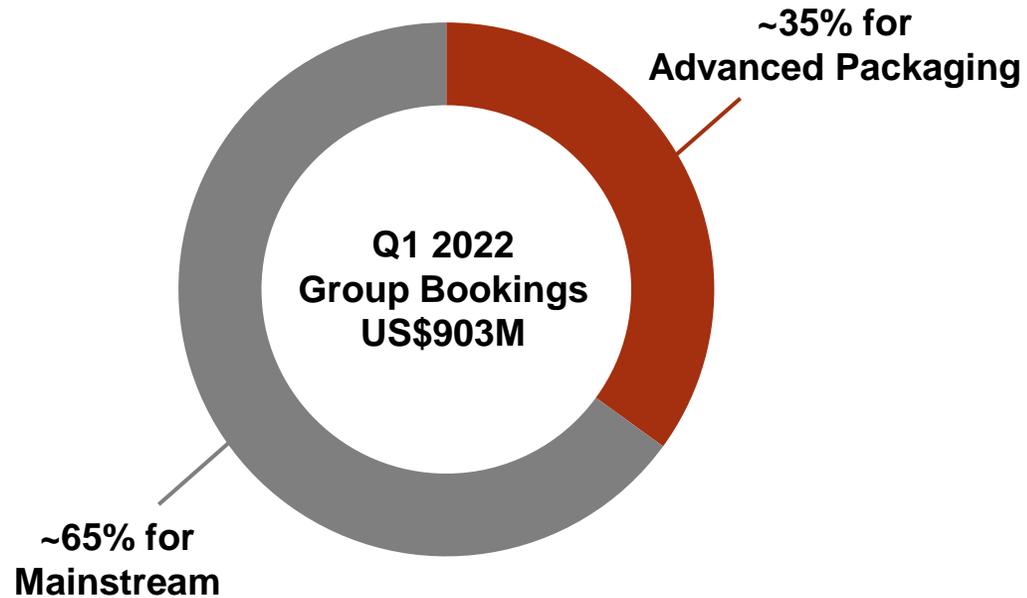


Notes

¹ excluding one-off items of HK\$65.0 million and their related tax charge of HK\$0.5 million recorded in Q4 2021 amounting to HK\$65.5 million

Q1 2022 Group Key Highlights

Advanced Packaging Momentum Underpins Strong Group Bookings



Strong orders in Q1 22

- TCB
- Mid-end Deposition
- SMT system-in-package (“SiP”) printing and placement
- Advanced Displays (Mini LED placement)
- Laser dicing and grooving
- Photonics placement

Drivers

- HPC applications
- Demanding requirements for ultra-fine pitch Mini LED RGBs
- Increasingly advanced SiP requirements for consumer and communication applications



TCB



Mid-end Deposition



SMT SiP Printing and Placement



Advanced Displays (Mini LED placement)



Laser Dicing and Grooving



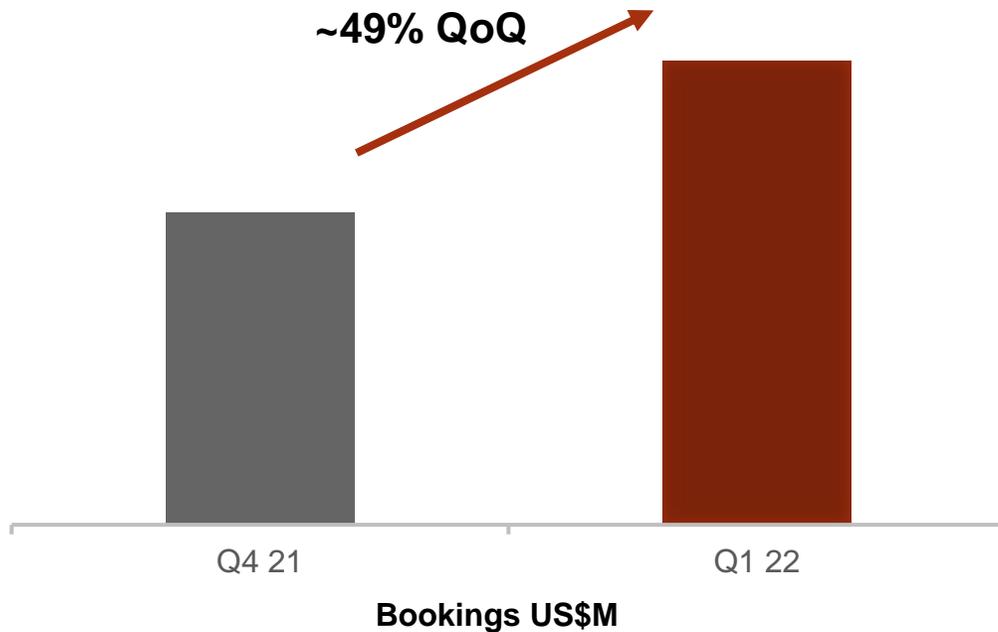
Photonics Placement

Q1 2022 Group Key Highlights

Strong Q1 Demand for Automotive Solutions

Comprehensive Solutions to Address Automotive Market

- Bookings for Automotive solutions grew ~49% QoQ
- Spanning both SEMI and SMT Automotive tools
- Riding on global momentum for automotive electrification



Silver Sintering Solutions



Power Module

Automotive CIS Solutions



Vehicle LiDAR Module

LED / Advanced Display Solutions



In-Vehicle Micro LED Display

Advanced Packaging Solutions



Self-Drive Computing Board

SMT Solutions



Automotive PCB

Die/Wire Bond & Mold

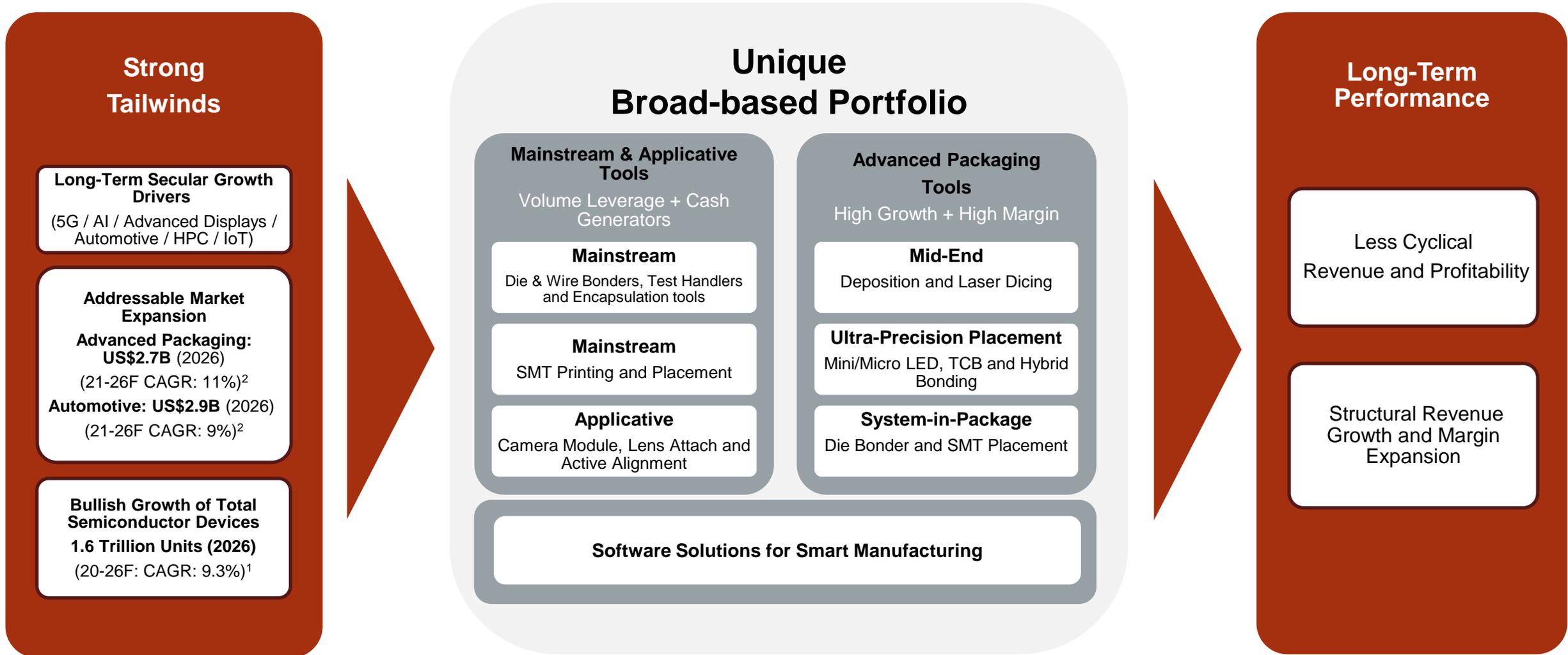


Power Discrete Packages
Analog, Logic, MCUs

*Automotive solutions provided by ASMPT

Q1 2022 Group Key Highlights

Unique Broad-Based Portfolio's Competitive Advantage



¹ VLSIresearch Worldwide Semiconductor History and Forecast, December 2021

² Company Management's Estimates

Q1 2022 Group Key Highlights

Unique Broad-Based Portfolio Effects on Q1 Performance

Unique Broad-based Portfolio

Mainstream & Applicative Tools

Volume Leverage + Cash
Generators

Mainstream

Die & Wire Bonders, Test Handlers
and Encapsulation tools

Mainstream

SMT Printing and Placement

Applicative

Camera Module, Lens Attach and
Active Alignment

Advanced Packaging Tools

High Growth + High Margin

Mid-End

Deposition and Laser Dicing

Ultra-Precision Placement

Mini/Micro LED, TCB and Hybrid
Bonding

System-in-Package

Die Bonder and SMT Placement

Software Solutions for Smart Manufacturing

Effects on Q1 2022 Performance

**SMT Bookings grew QoQ for Two
Consecutive Quarters**

**SMT Revenue grew QoQ, Bucking Usual
Q4 to Q1 Trend**

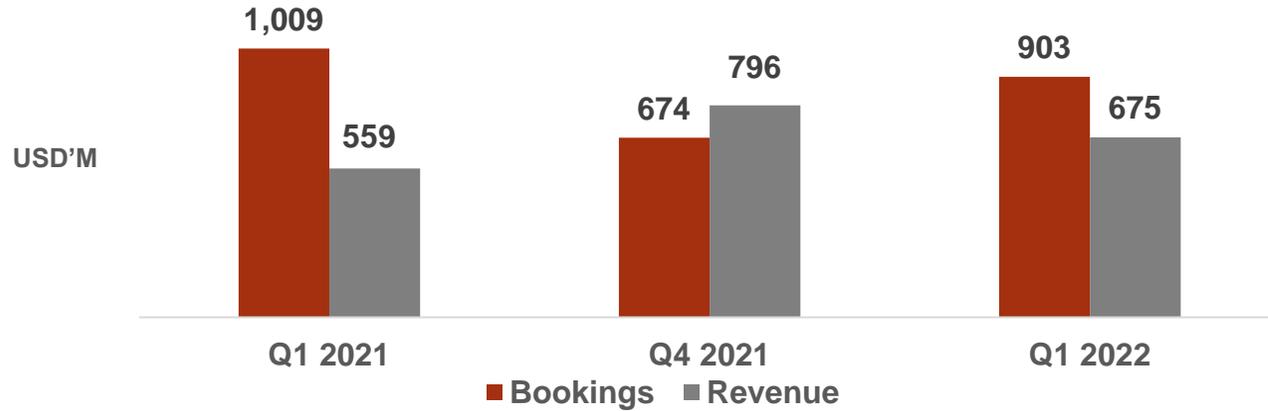
(SMT activity typically picks up several quarters after SEMI)

**Strong Demand for
Group's AP tools Underpinned
Q1 Group Bookings Momentum**



FINANCIAL PERFORMANCE

Q1 2022 Group Financial Results



Period	Gross Margin
Q1 2021	39.6%
Q4 2021	41.3%
Q1 2022	40.6%



Period	Operating Margin
Q1 2021	15.5%
Q4 2021	20.0%
Q1 2022	19.1%

Record Q1 Revenue

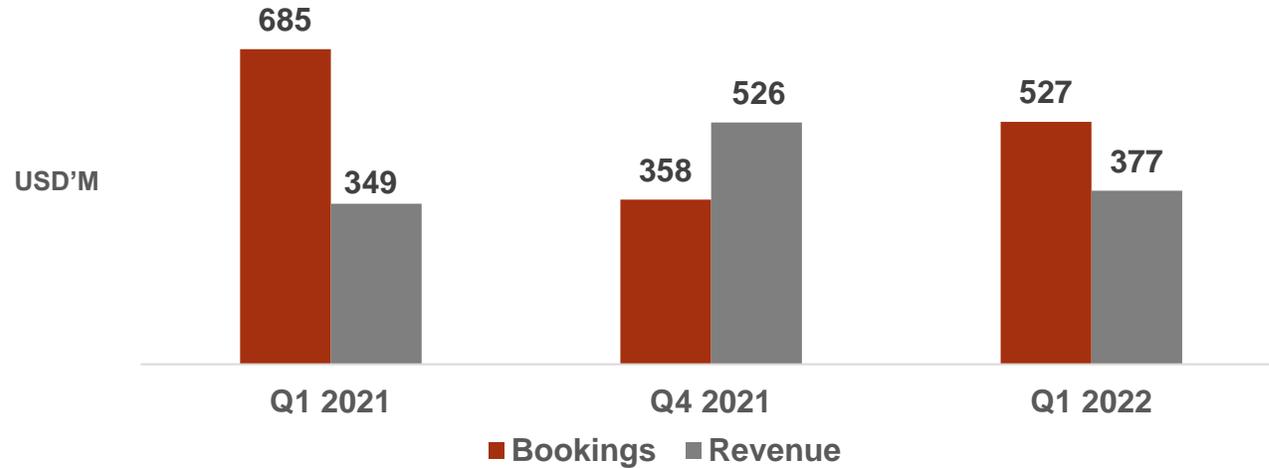
Q1 22 Bookings:

- Strong bookings underpinned by Advanced Packaging and Automotive
- Book-to-bill ratio: 1.34

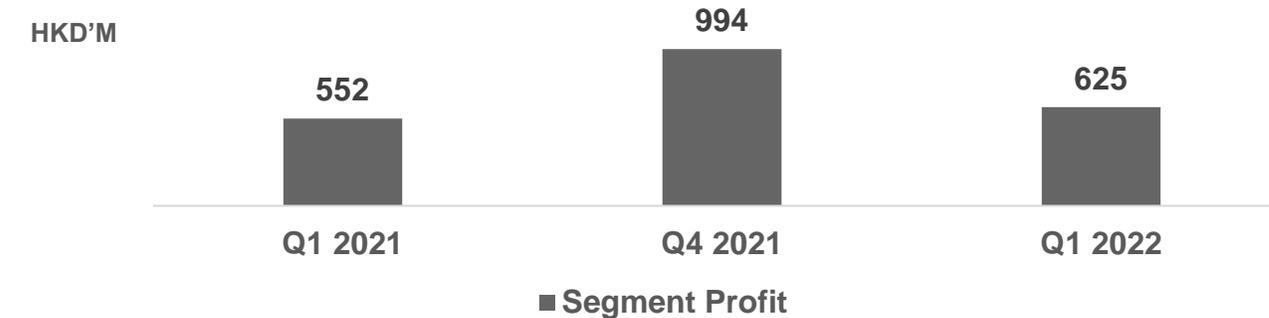
Drivers for YoY margins improvement:

- Strong SEMI and SMT gross margin despite cost pressures
- Record Q1 revenue

Q1 2022 Semiconductor Solutions Segment Performance



Period	Gross Margin
Q1 2021	44.0%
Q4 2021	43.7%
Q1 2022	44.7%



Period	Segment Margin
Q1 2021	20.4%
Q4 2021	24.3%
Q1 2022	21.2%

Positive QoQ and YoY Gross Margin Growth

Q1 Bookings:

- QoQ growth drivers: Advanced Packaging & Automotive tools
- YoY decline due to record high base in Q1 21

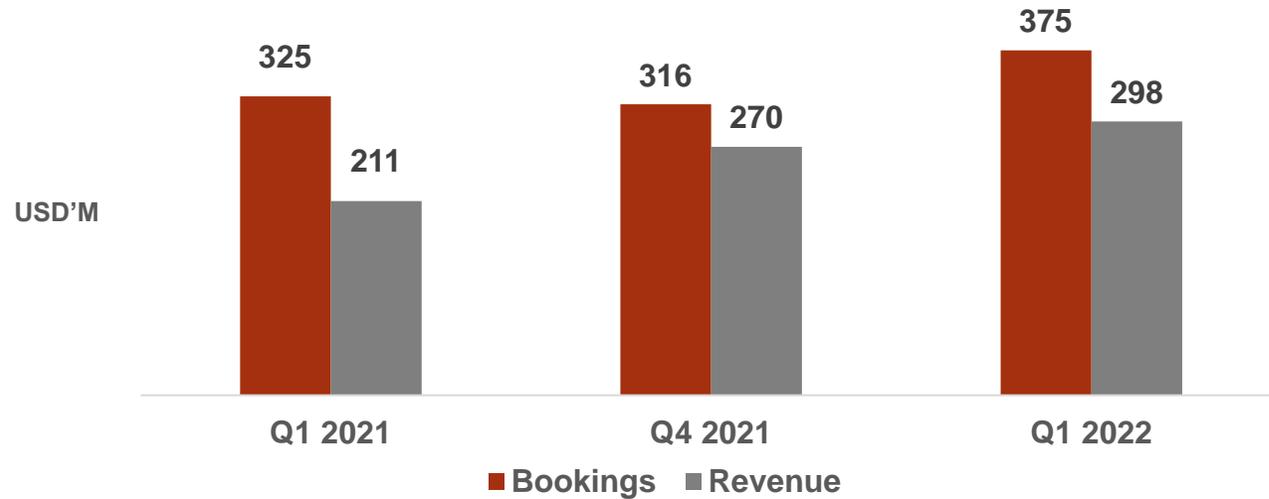
Q1 Revenue:

- IC/Discrete
 - Record Q1 revenue
 - Die and wire bonders & encapsulation tools dominated deliveries
- Optoelectronics
 - Conventional & advanced displays, general lighting and photonics applications accounted for majority of deliveries
- CIS
 - Declined YoY and flat QoQ largely due to soft market conditions for smartphones

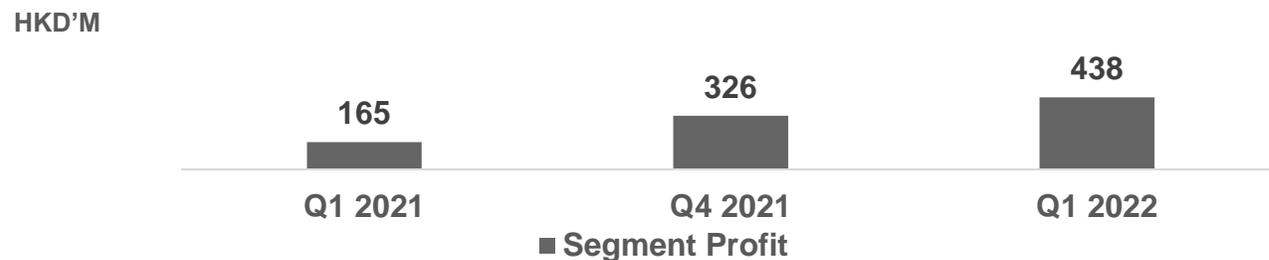
Gross Margin:

- QoQ and YoY improvement on product mix (relatively higher mix of automotive applications)

Q1 2022 SMT Solutions Segment Performance



Period	Gross Margin
Q1 2021	32.2%
Q4 2021	36.7%
Q1 2022	35.5%



Period	Segment Margin
Q1 2021	10.1%
Q4 2021	15.5%
Q1 2022	18.8%

Record Q1 Bookings

Q1 Bookings:

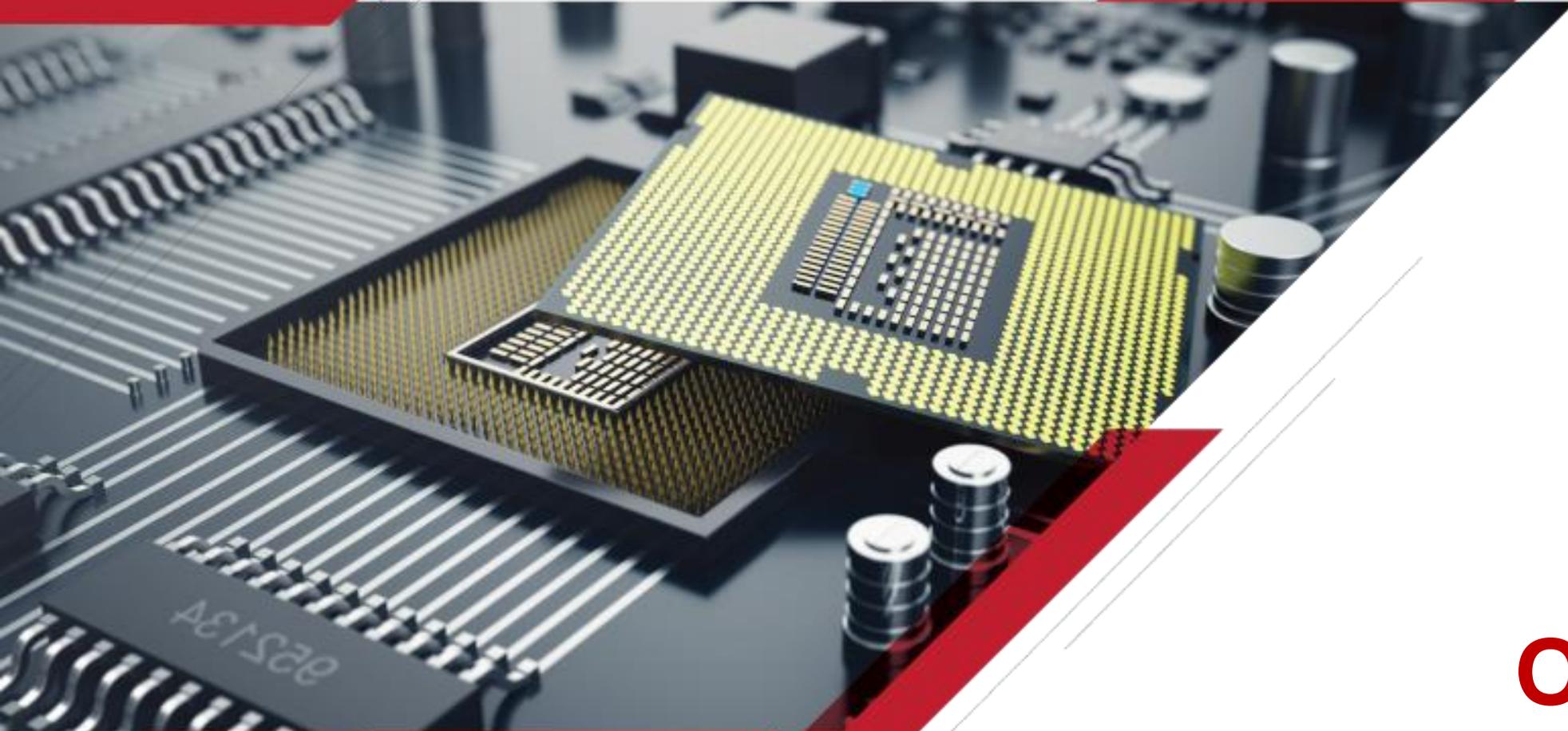
- QoQ and YoY increase
- Advanced Packaging and automotive grew QoQ and YoY

Q1 Revenue:

- Sequential revenue growth bucked typical trends
- Mainstream high-end printing and placement tools grew QoQ and YoY
- YoY growth in Advanced Packaging – SiP placement tools

Gross Margin:

- YoY improvement on volume effect and product mix



OUTLOOK

Outlook

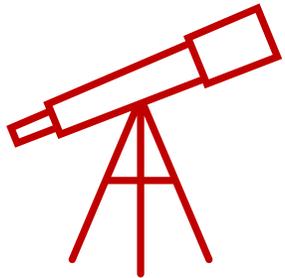


Q2 2022 Revenue Guidance

US\$670m to US\$740m

(+5.8% YoY and +4.5% QoQ at mid-point of guidance)

While the Group has taken steps to convert its strong order backlog at a faster pace, sporadic COVID-19 measures, and continued supply chain constraints could influence near-term deliveries



Long Term Prospects

Group is well-positioned to capture substantial share of investments over long term

- Strong industry tailwinds and secular growth trends
- Long-term structural growth in semiconductor device unit volumes
- Bullish multi-year capital investments of leading semiconductor companies



Q&A



THANK YOU