

MALAYSIAN PACIFIC INDUSTRIES BERHAD

INVESTOR RELATIONS CONTACT



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Malaysian Pacific Industries Berhad

INVESTOR PRESENTATION

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Business overview



MPI – A MEMBER OF THE HONG LEONG GROUP

Hong Leong Group and MPI

- The Hong Leong Group was established over 50 years ago and is one of the largest conglomerates in Asia
- Carsem is an operating company within Malaysian Pacific Industries, which is a part of the Manufacturing & Distribution Services segment of Hong Leong Group
- Carsem was acquired by Hong Leong over 30 years ago
- Carsem has over 50 years experience in semiconductor assembly and testing
- Today, Carsem is one the most trusted and recognized names in the Outsourced Semiconductor Assembly & Test (OSAT) Industry

Hong Leong Group Holdings

- Banking & Financial Services segment (2) is the largest segment with over 300 banks in Asia including insurance services
- Property Development & Investment segment (3) builds and manages commercial and residential real estate around the world
- Hospitality & Leisure segment (4) is comprised of hotel and casino operators in Macau and Las Vegas
- Hong Leong continues to grow by acquisition and owns more than 50% stake in each of their group companies





Financial performance snapshot

Revenue (RM million)

523

Q2 FY24

Net cash (RM million)

936

as of Q2 FY24

Note: FY24 = July 2023 – June 2024

STRONG FUNDAMENTALS CREATE BUSINESS RESILIENCE IN TOUGH TIMES

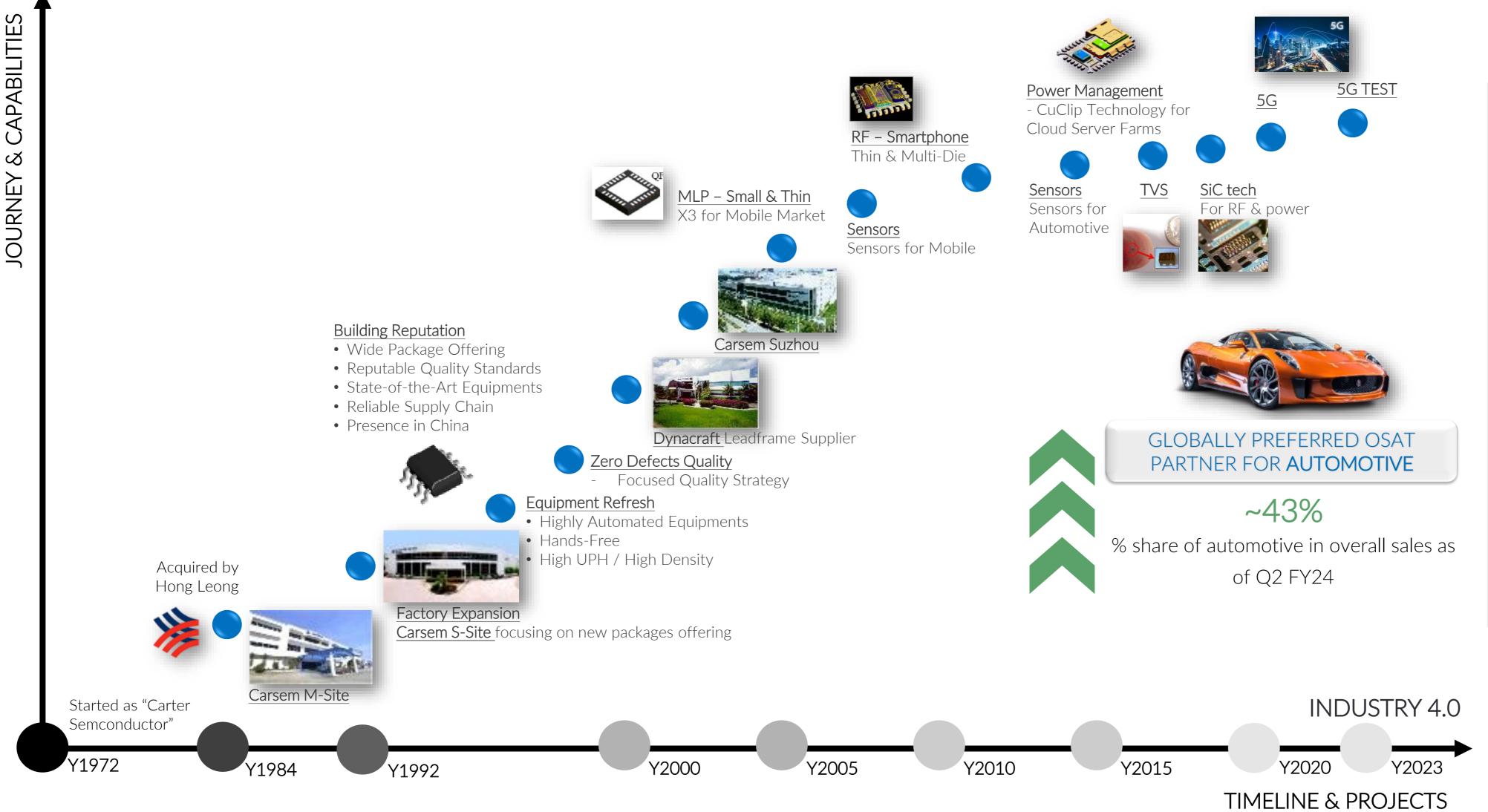
PATAMI growth (%) 95% vs. Q1 FY24 EBITDA (%) 26% Q2 FY24

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Malaysian Pacific Industries Berhad

Our journey

100% Malaysian

Carsem

One of the most

partners globally

trusted OSAT

Healthy Balance Sheet (Equity to debt 100:0)

Semiconductor Experience >50 years

Board of Directors

YBHG DATUK KWEK LENG SAN

CHAIRMAN; Non-Executive/ Non-Independent

- Appointed to BoD of MPI in Jul 1990, and as GMD of MPI from Sept 1990-Aug 1993; Member of the nominating committee
- Chairman of Hong Leong Industries Bhd., Hume Industries Bhd., and Southern Steel Bhd.; Director of Hong Leong Company (Malaysia) Bhd

MANUEL ZARAUZA

GROUP MANAGING DIRECTOR/ Non-Independent

- Over 25 years of experience across various manufacturing sectors
- April 2015-Aug 2016: Joined HLMG Management as its Managing Director
- Aug 2016-Present: Group Managing Director of MPI

YBHG DATO' MOHAMAD KAMARUDIN **BIN HASSAN**

Non-Executive Director/ Independent

- Mar 2015: Appointed to board of MPI, and is a member of the Board Audit & Risk Management Committee of MPI
- Is a Director of Duopharma Biotech Bhd and Muhibbah Engineering (M) Bhd, and ManagePay Systems Bhd

MS JENIFER THIEN BIT LEONG

Non-Executive Director/Independent

- Nov 2023: Appointed to board of MPI, and is a member of Nominating Committee of MPI • Is a Director of UEM Edgenta Berhad & AEON Co.
- (M) Berhad
- Is the founder & principal of Grit & Pace, through which she advises corporations on ESG & Sustainability strategies



MS FOO AI LI

Non-Executive Director/Independent

- Appointed as an Independent Non-Executive Director of the Company on 1 September 2021.
- She is presently attached to CDC Consulting Sdn Bhd providing advisory work.
- Her last position in the energy industry was as the Chief Financial Officer of Hengyuan Refining Company Berhad (formerly Shell Refining Company (FOM) Berhad) from 2016 to 2019.



Management team



MANUEL ZARAUZA, GROUP MANAGING DIRECTOR, MPI

Over 25 years of manufacturing sector experience; Previously with Siemens, Osram Opto Semiconductors, and Seoul Semiconductor



PO LAU CFO, MPI



INDERJEET SINGH GM, Wide bandgap business

Over 20 years of financial Started his career at Carsem & went on



Jay GM, CARSEM S-SITE, MY

27 years of experience in

MANY YEARS OF CONSOLIDATED EXPERIENCE IN THE INDUSTRY



Malaysian Pacific Industries Berhad



MURALITHARAN GM, CARSEM M-SITE, MY

Over 26 years of experience leading management experience to hold various management positions manufacturing, previously held multinational plant operations, managing senior positions in EMS Industry subcon factories & large-scale projects



RAYMOND SHI GM, CARSEM SZ-SITE, CHINA

More than 20 years of experience with Carsem SZ handling operations



CK LEE HEAD, CARSEM CHINA

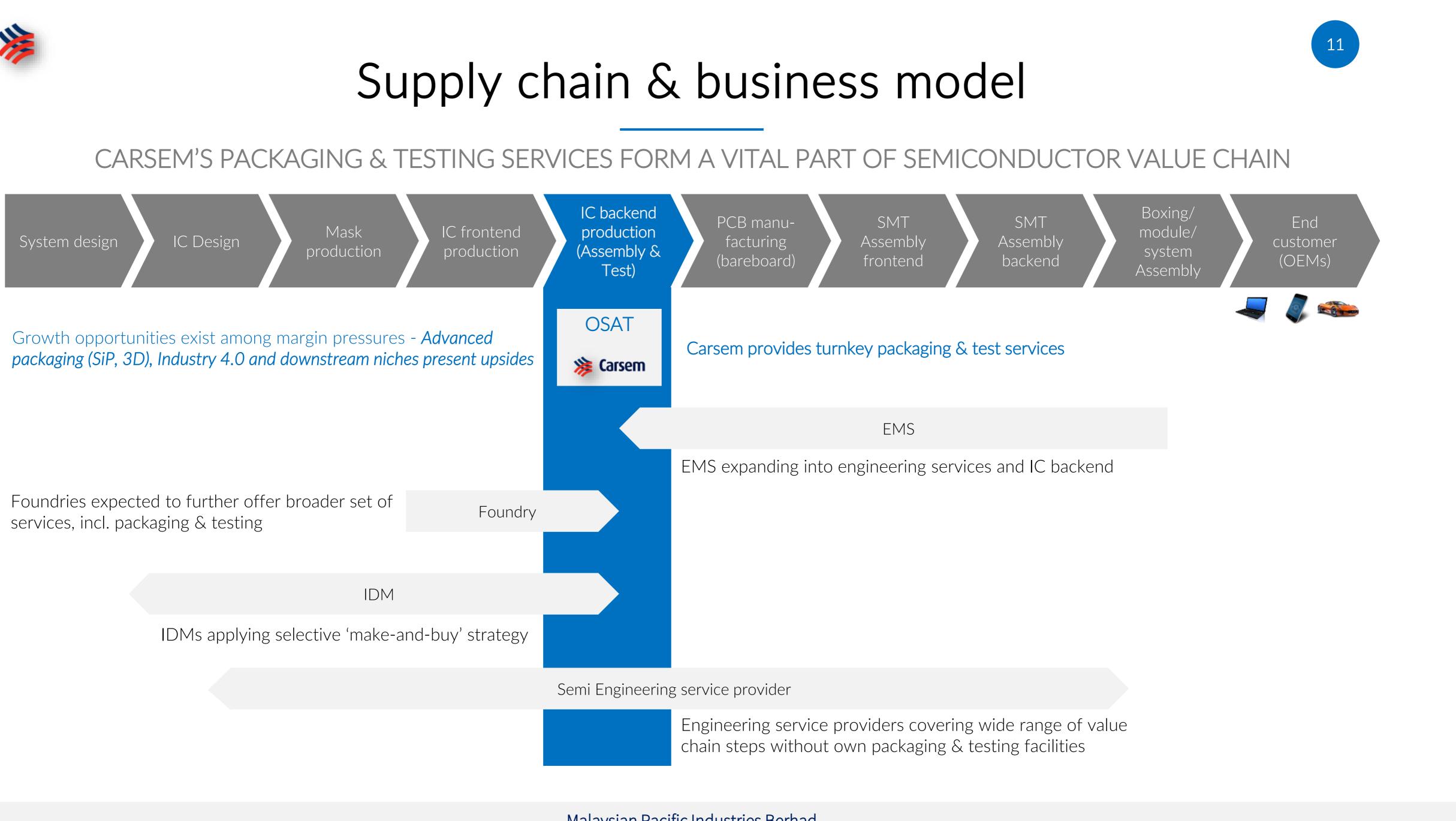
Started his career at Carsem & went on to hold various management positions



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Wide portfolio

COMPREHENSIVE TURNKEY PACKAGING & TEST SERVICES



ACROSS KEY APPLICATIONS



Industrial





Consumer & Communications

PC/ Notebook





Geographic footprint

BROAD GEOGRAPHIC PRESENCE, SERVING A GLOBAL CUSTOMER BASE

CARSEM NORTH AMERICA

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Manufacturing plants & Sales offices

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Production facilities

Carsem (M-Site, Ipoh)

- Floor Space: 436K sq. ft. (40,500 sq. m.)
- Workforce: 2,170 employees
- GM: Muralitharan

Carsem (S-Site, Ipoh)

- Floor Space: 640K sq. ft. (60,000 sq. m.)
- Workforce: 2,829 employees
- GM: Jay

Carsem Suzhou, China

- •Floor Space: 600K sq. ft. (56,000 sq. m.)
- •Workforce: 2,121 employees
- •GM: Raymond Shi







CARSEM MANUFACTURING SITES & BUSINESS UNITS

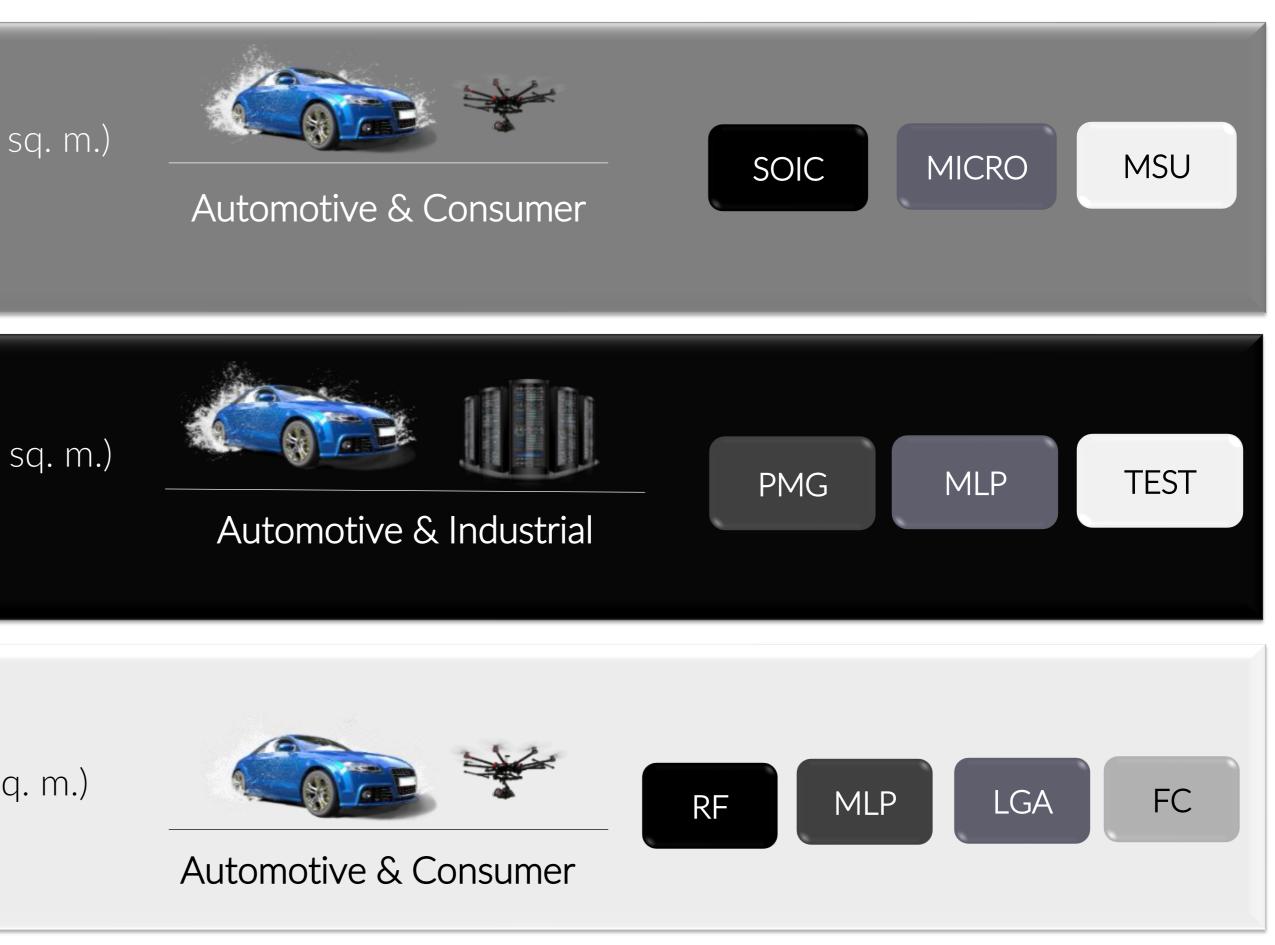


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FY23 performance snapshot



Sustainability performance

MPI IS IN FTSE4GOOD BURSA MALAYSIA INDEX



Sustainability at MPI

OUR APPROACH IS RESPONSIBLE & RESPONSIVE, DRIVEN BY 3 THEMES





UN Sustainable Development Goals

6 PRIORITY SDGs MOST ALIGNED WITH OUR BUSINESS





5 a	MPI makes a significant contribution towards employment and economic growth	8 DECENT WORK AND ECONOMIC GROWTH
ire :y	MPI actively focuses on innovation, technology and related infrastructure development	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
nt	MPI has a role to play in emissions control, energy efficiency improvement and waste management	13 CLIMATE ACTION





River monitoring activities at Sungai Meru



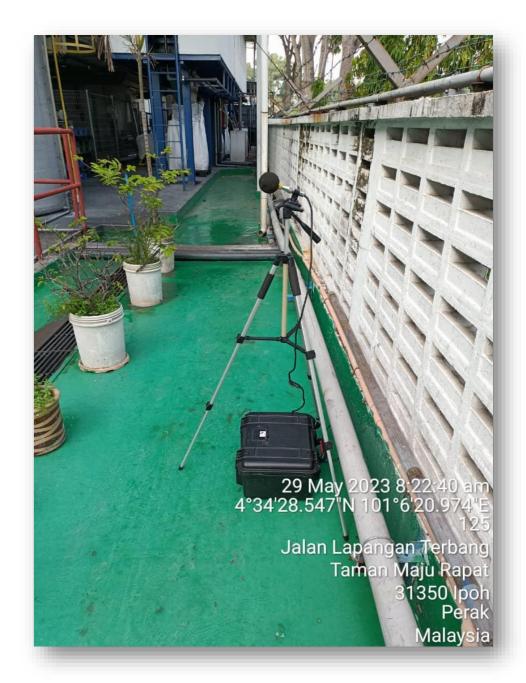
Green day campaign every 1st Friday of the month; No plastic bag every Friday

Environment





Boundary noise monitoring to meet Guidelines of EQA 1974





TRAINING AND UPSKILLING IS AMONG OUR TOPMOST STRATEGIC PRIORITIES

Online & offline training – PMP training, Online Meeting software training, IATF16949 quality tools training, DOE, Techknowledge training, FA Reliability Applications & Capability Training, Factory 5S auditor training, Automotive & Quality System Training



Project Management Training



Online Meeting Software Training



Tech-knowledge roadmap training



FA reliability applications training

Malaysian Pacific Industries Berhad

Training & education



DOE Training

Factory 5S Auditor training

Automotive & quality system training



TRAINING AND UPSKILLING IS AMONG OUR TOPMOST STRATEGIC PRIORITIES

Online & offline training – Program Advokasi Restart dan Kerjaya Myfuturejobs, Enforcement of Amended Employment Act Training Core Competency – Six Sigma Yellow Belt (Root Cause Analysis), IATF Core Tools Audit Training, Six Sigma Green Belt (SSGB)



Program Advokasi Restart dan Kerjaya Myfuturejobs



IATF 16949-2016 Core Tools Audit Training

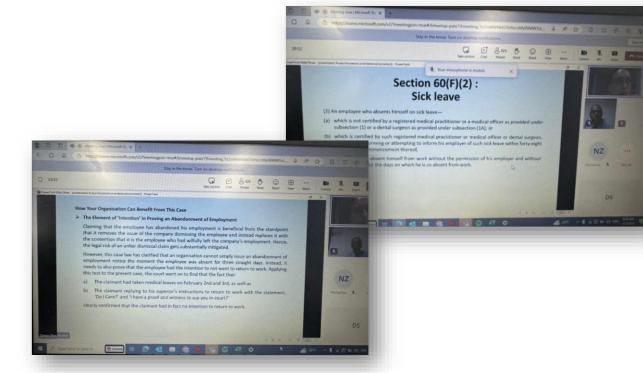


Training & education

Six Sigma Green Belt (SSGB)



Six Sigma Yellow Belt (Root Cause Analysis)



Enforcement of Amended Employment Act Training

21





Celebrations - 50th anniversary of Carsem Malaysia











Employee relations









Employee relations

Academic Excellence Ceremony organized for the children of our employees





Program: Academic Excellence







Employee relations

C.E.R.I.A Sports 2023



Sports

HLMG Sports







Successfully organized an open interview campaign



Recruitment

Program: Karnival Kerjaya & TVET Perak Sejahtera











Anti-bribery & anti-corruption

LEADING ETHICALLY & TRANSPARENTLY

Certification for implementing Anti-Bribery Management Systems, complying with ISO 37001:2016.

Operating subsidiaries	Certifying authority	Statu
Carsem M	SIRIM QAS International Sdn. Bhd.	Cert
Carsem SZ	Shanghai Ingeer Certification Assessment Co., Ltd.	Cert



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MALAYSIAN PACIFIC INDUSTRIES BERHAD (INCLUDING CARSEM (M) SDN. BHD. AND DYNACRAFT INDUSTRIES SDN. BHD.) CARSEM (M) SDN. BHD. - S SITE LOT 52866, TAMAN MERU INDUSTRIAL ESTATE JELAPANG 30020 IPOH PERAK DARUL RIDZUAN MALAYSIA



Scope of Certification ANTI-BRIBERY MANAGEMENT SYSTEM FOR DESIGN, ASSEMBLY AND TESTING OF SEMICONDUCTOR DEVICES AND CORPORATE SUPPORT SERVICES







SIRIM QAS International hereby certifies that MALAYSIAN PACIFIC INDUSTRIES BERHAD (INCLUDING CARSEM (M) SDN. BHD. AND DYNACRAFT INDUSTRIES SDN. BHD.) CARSEM (M) SDN. BHD. - M SITE JALAN LAPANGAN TERBANG 31350 IPOH PERAK DARUL RIDZUAN MALAYSIA

has implemented an Anti-Bribary Management Systems complying wi

QAS

CERTIFICATE



ISO 37001:2016 MS ISO 37001:2016 ANTT-BRIBERY MANAGEMENT SYSTEMS – REQUIREMENTS WITH GUIDANCE FOR USE

Scope of Certification

ANTI-BRIBERY MANAGEMENT SYSTEM FOR DESIGN AND ASSEMBLY OF SEMICONDUCTOR DEVICES.

Certification structure = Multi-eite The validity of this certificate depends on the validity of the main site certificate.



MAL/1981 Tel: 60-3-65446404 Fax: 60-3-65446787

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http://www.airim-gas.com.my /www.replaysiancertified.com.my

26 April 2023 Issue date 31 March 2021 Original certificatio : 30 March 2024 Expiry date ABMS 00188-S1 Certificate no.

martin 1____ Nur Fadhliah binti Muhammad Chief Executive Officer SIRIM QAS International Sdn. Bhd.



SIRIM QAS International hereby certifies that MALAYSIAN PACIFIC INDUSTRIES BERHAD MALATSIAN PACIFIC INDUSTRIES BERNAD (INCLUDING CARSEW (M) SDN. BHD. AND DYNACRAFT INDUSTRIES SDN. BHD.) DYNACRAFT INDUSTRIES SDN. BHD. 255-A, BLOCK D, PHASE II BAYAN LEPAS INDUSTRIAL ZONE 11900 BAYAN LEPAS PULAU PINANG MALAYSIA has implemented an Anti-Bribery Management Systems complying with ISO 37001:2016 MS ISO 37001:2016 ANTI-BRIBERY MANAGEMENT SYSTEMS – REQUIREMENTS WITH GUIDANCE FOR USE Scope of Certification ANTI-BRIBERY MANAGEMENT SYSTEM FOR MANUFACTURE OF LEAD FRAMES FOR SEMICONDUCTOR PRODUCTS AND CORPORATE SUPPORT SERVICES. Cortification structure = Multi-site The validity of this cortificate depends on the validity of the main site certificate.



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Nur Fadhilah binti Muhammad Chief Executive Officer SIRIM QAS International Sdn. Bhd

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Industry dynamics

FEW SIGNS OF RECOVERY AMIDST PERSISTING UNCERTAINTY, LONG-TERM OUTLOOK REMAINS STRONG

Market uncertainty remains, despite PC & Smartphone market ending their 7 consecutive quarters of decline



Worldwide EV car sales up by 47% annually - Global EV sales in Dec '23 were record high... over 1.5 million units





Global PC shipment rebound by 3% annually - meaningful innovations through on device AI





Smartphone shipment grew by 8% annually - rebound in demand in the emerging markets

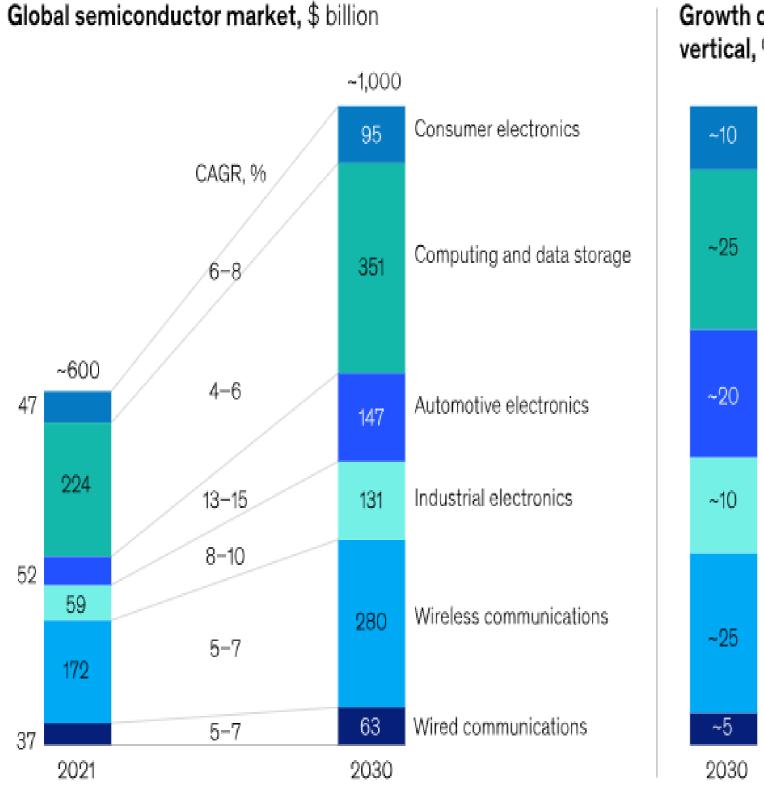
Source: InsideEVs; Canalys



Industry dynamics

AUTOMOTIVE & INDUSTRIAL SEGMENTS HAVE A BRIGHT FUTURE

Semiconductor market expected to reach \$1 trillion by 2030



Growth contribution per vertical, %

~10	Consumer electronics
~25	Computing and data storage
~20	Automotive electronics
~10	Industrial electronics
~25	Wireless communications
~5 2030	Wired communications

McKinsey & Company





Growth strategy

OUR LONG TERM VISION IS TO BE THE LEADING OSAT FOR AUTOMOTIVE, DRIVEN BY 4 STRATEGY TENETS



Sales

• Strategic sales across application & geography segments

• Sharp sales pipeline management



People

- Strategic workforce restructuring & hiring • Upskilling, training
 - Covid mitigation, Employee engagement

4

Technology



- Investing in SiC, MEMS sensors, GaN, 5G testing
- Advanced packaging inorganic options for modules/ 3D printing/ design house
- Robust R&D; own product (TVS)

Quality



- Zero Defects Culture
- Automation, high productivity
- State-of-the-Art Equipments •



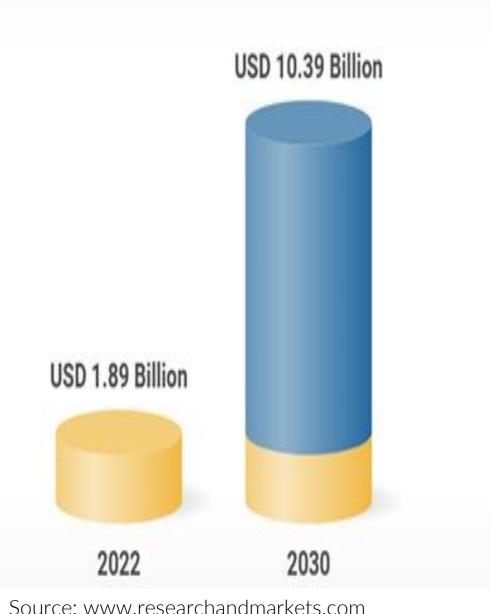


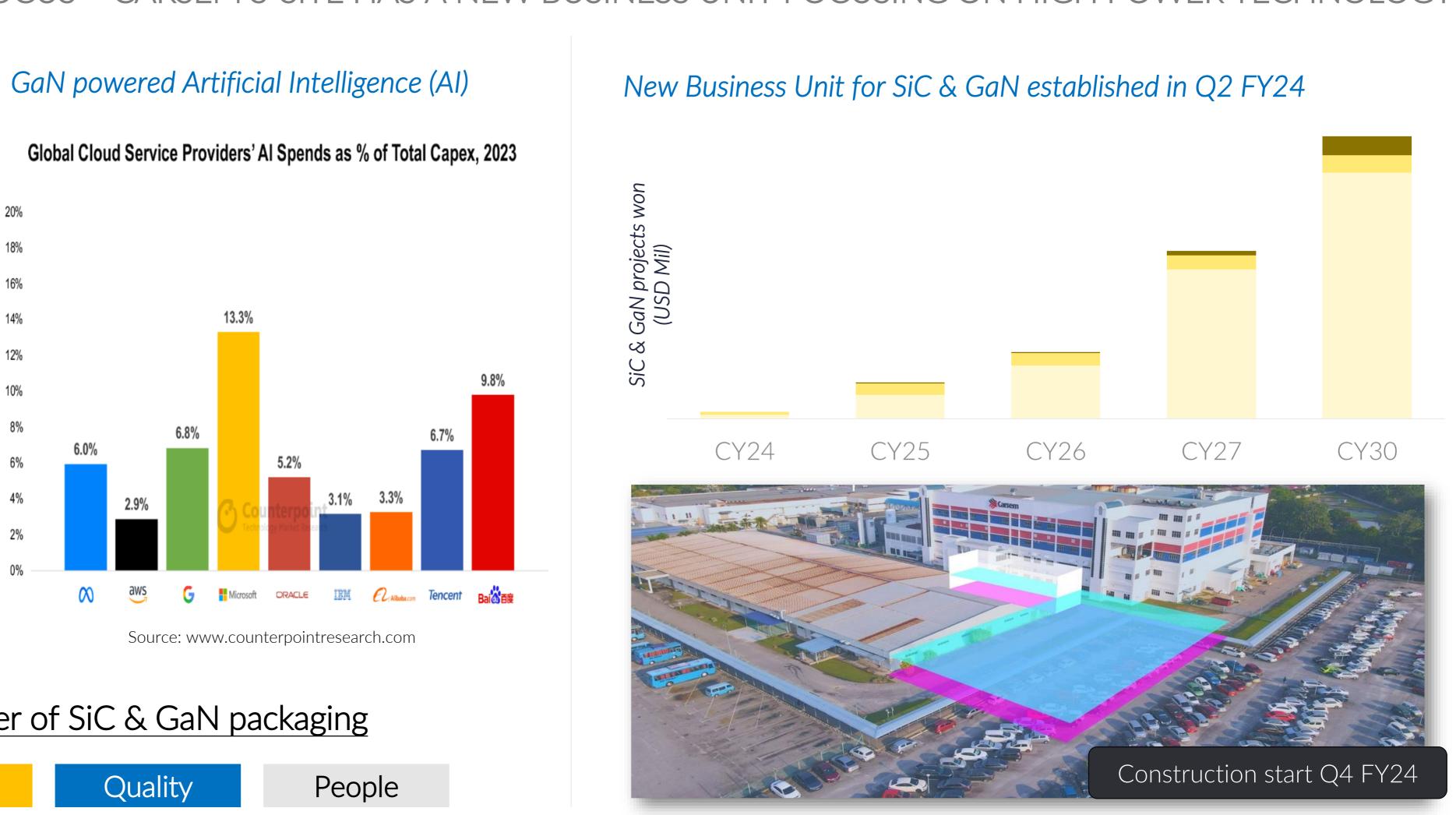
Sales – SiC and GaN packaging business

SHARPENING STRATEGIC FOCUS – CARSEM S-SITE HAS A NEW BUSINESS UNIT FOCUSING ON HIGH POWER TECHNOLOGY

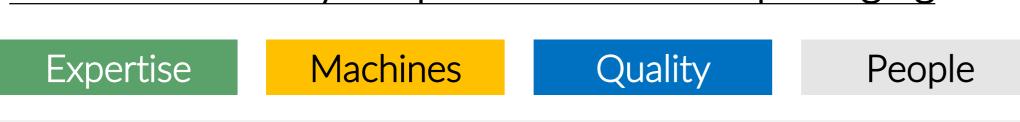
Global Silicon Carbide Semiconductor Devices Market

Market forecast to grow at a CAGR of 23.8%





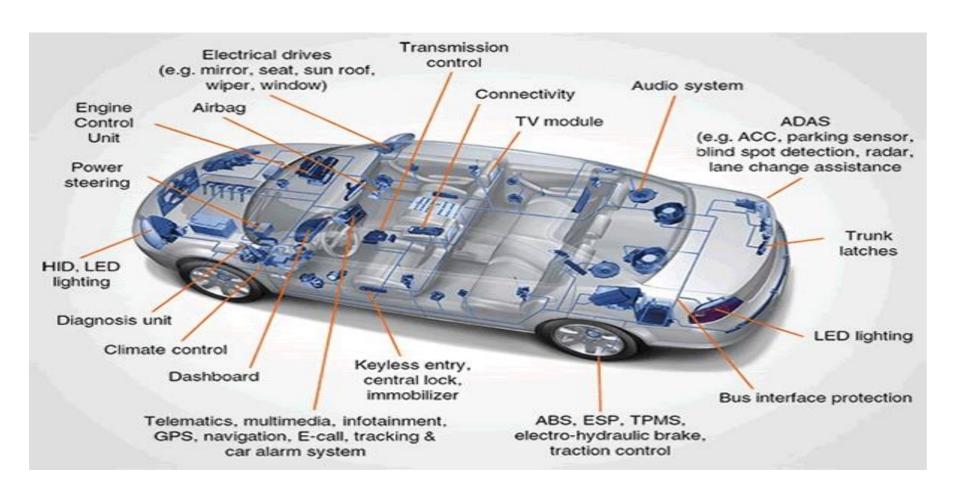
Carsem is an early adopter of SiC & GaN packaging

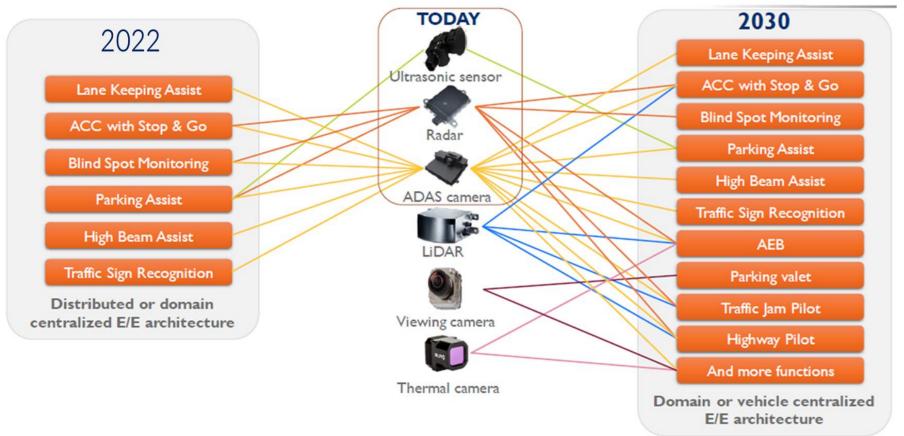




Sales – Expansion of automotive sensors

The future for cars with intuitive traffic information & real time monitoring is not possible without over 100 highly sensitive sensors & faster data transfer







Transformation to advanced automotive sensor packages Working with major automotive customers for package miniaturization

Carsem will facilitize floor wise & bring in machines as soon as there is high volume commitment from customer

Strong Pipeline

Huge CAPEX approved for ramp up



Sales – Tapping into auto segment growth in China

Automotive segment growth in China is expected to be tremendous and all the cars would need high power & complete connectivity



CSX fully automated factory for automotive packaging



Chinese Car Brands

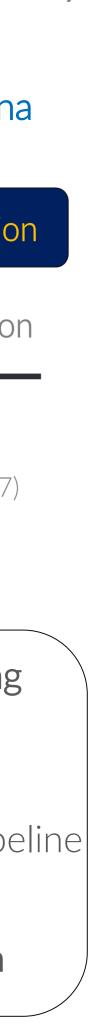




Strong future for Carsem in China



- Automotive in China has a strong high compounded growth rate
- Over 100 Automotive projects already in different stages of pipeline
- Transfer some technology & experience manpower from lpoh





Sales – Capturing opportunities

Major companies from China are building samples with Carsem Ipoh to supply to European & American customers



Undergoing package qualification & reliability testing. High volume to start in 2025







FULLY GEARED UP TO CAPITALIZE AS SOON AS MARKET BOUNCES BACK

Confident about our future growth

THE RIGHT PORTFOLIO POSITIONING

COMPETITIVE PRICING STRATEGY

CONTINUOUS INVESTMENT IN GROWTH AREAS

ADEQUATE CAPACITY TO ABSORB NEW BUSINESS

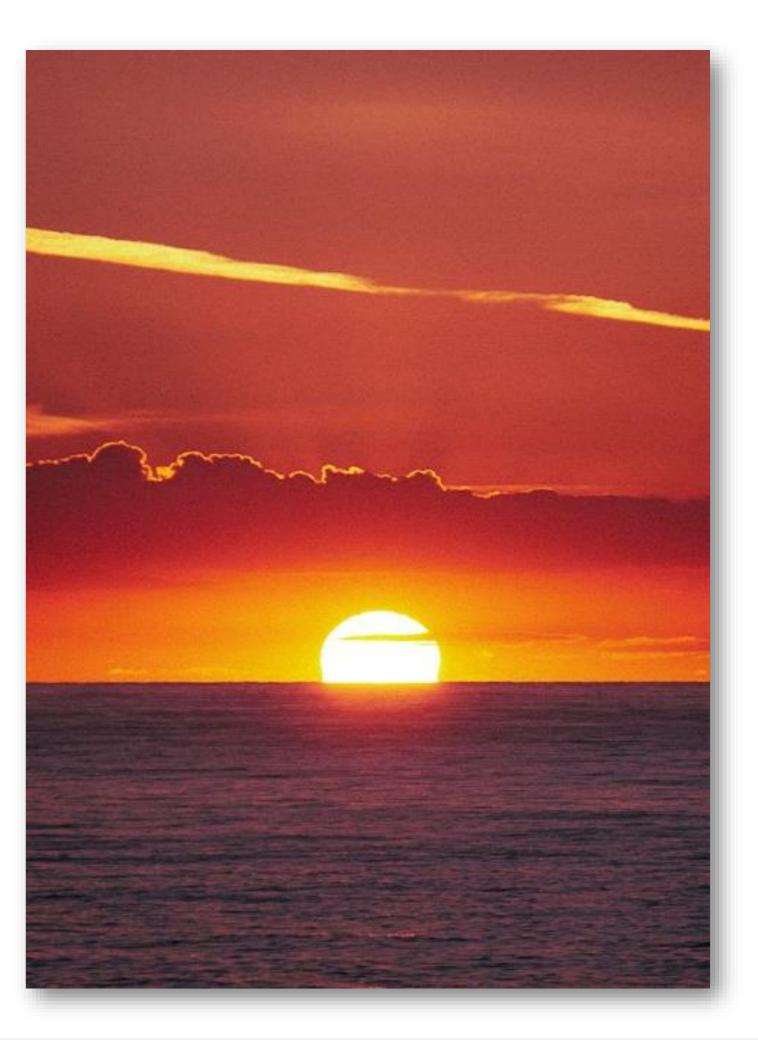
ANCHOR CUSTOMERS & STRONG PIPELINE

ROBUST CASH POSITION

Malaysian Pacific Industries Berhad

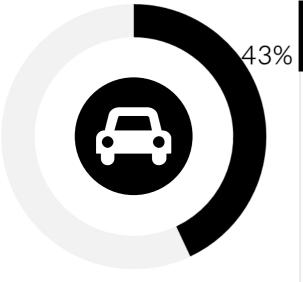
Sales







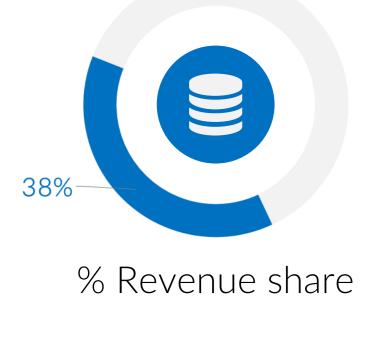
Sales – Revenue composition



% Revenue share

AUTOMOTIVE

• Long term growth is driven by **electrification**, ADAS/ AD, safety, and connectivity trends



INDUSTRIAL

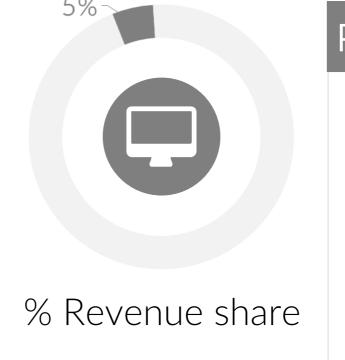
- With Al and Industry4.0 gaining further momentum, need to power data centers & servers is growing
- This high power & high efficiency requirement is fueling new innovations

NOTE: Remaining 1% share of revenue is towards Miscellaneous applications



AUTO REMAINS STRATEGIC – GROWN FROM ~29% IN FY18 TO 43% OF OUR SALES NOW





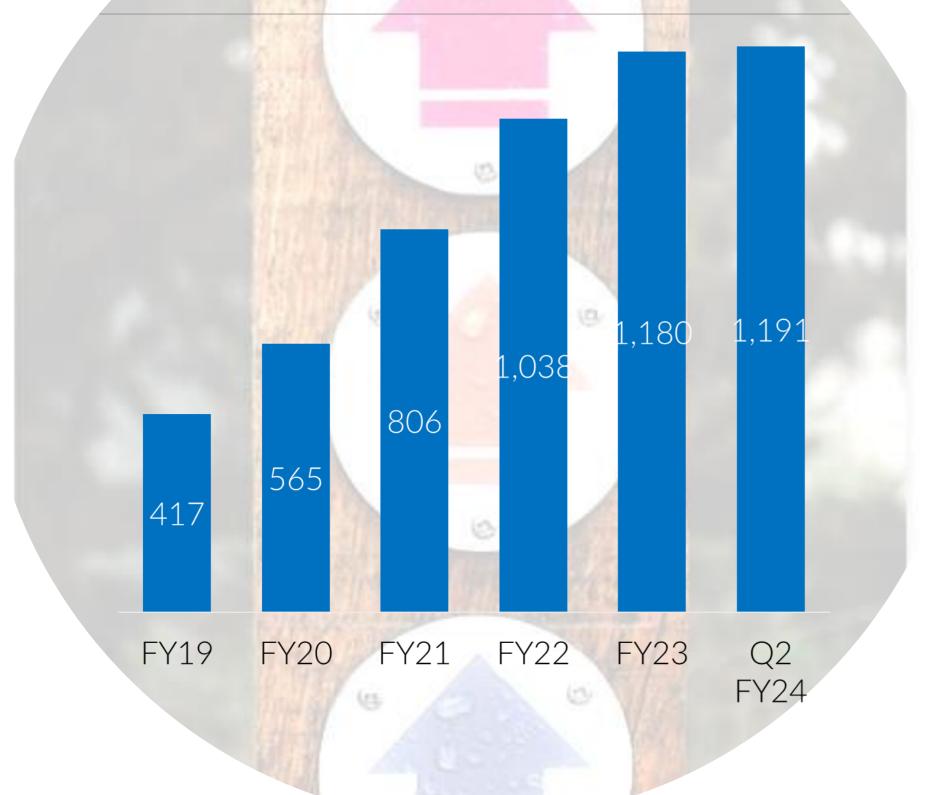
PC/ NOTEBOOK

• Consumer electronics industry sales are beginning to show signs of recovery though market uncertainty remains



HEALTHY PIPELINE BUT RECESSIONARY RISKS HAVE PUSHED PROJECTS TO FUTURE QUARTERS

NEW PROJECT INTRODUCTIONS (#)





Carsem has a healthy order book with major ulletprojects coming from the Automotive segment

- Healthy pipeline development on the enabling lacksquaretechnologies of future, i.e., SiC, GaN, sensors
- Significant new business development with existing \bullet & new customers from North America and EU on the latest technologies. Also, gaining a lot of traction among the Chinese customers



Technology – Automotive segment

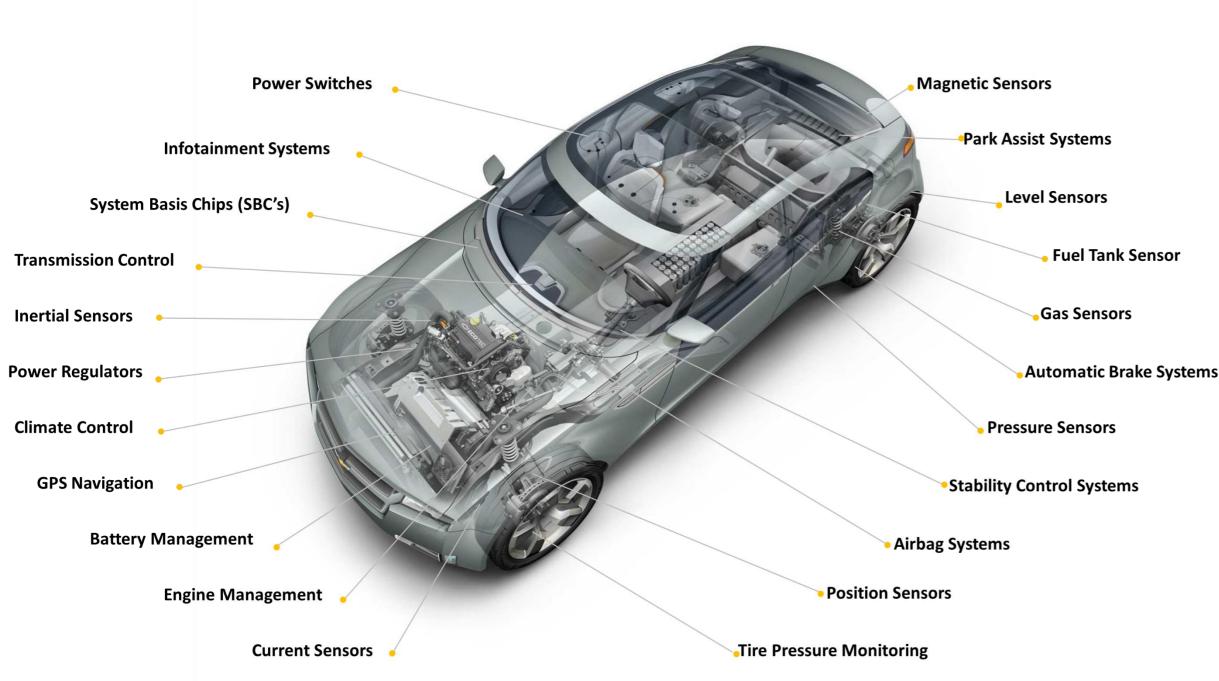
INNOVATING IN LINE WITH STRATEGY TO BE GLOBALLY PREFERRED OSAT PARTNER FOR AUTOMOTIVE

Major trends impacting semiconductor demand (Mobility disruptions)

Electrification Novel battery technologies, growth of electrical powertrain, demand for power electronics

Autonomy Surge in autonomous driving platforms & advanced safety features

>20 years as a certified automotive supplier



Malaysian Pacific Industries Berhad





Connectivity

New use cases (V2X, V2V, OTA) - progression in connectivity technology (5G, WIFI-6)

.....

Carsem Technology Value Propositions & Activities

MEMS & Sensors – riding 'Electrification' and 'Sensorization' wave

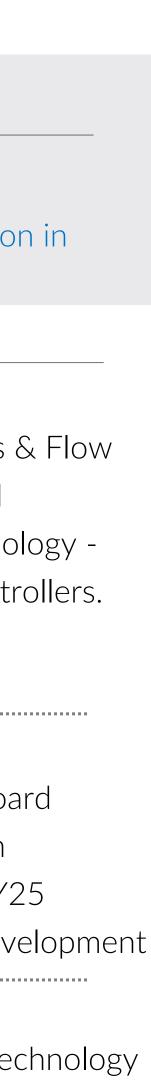
- ✓ SiP Pressure sensors for ICE and Safety are ramping up for Automotive, Gas & Flow sensors – safe launch production stage and some in ramp up stage to HVM
- ✓ New focused development: current sensor for EV with wettable flank technology sample launched for qualification with target segment on TPMS and EV controllers.
- ✓ New design concept under review for Lidar/ Radar segment
- ✓ Expanding into module base product- ramping up with first variant

Power Packaging

- ✓ Under development EV power inverter module, DDPAK package (EV onboard charger), TO top side cooling (fast charging adapter), TOLL/ TOLT R&D plan (automotive, industrial), TSSOP & LQFP (automotive) – expected HVM in FY25
- ✓ Automotive: MIS solution PMIC module, in mass production; SiC module development

RF for Connectivity

✓ Differentiated support on diverse applications using Gallium Nitride (GaN) technology

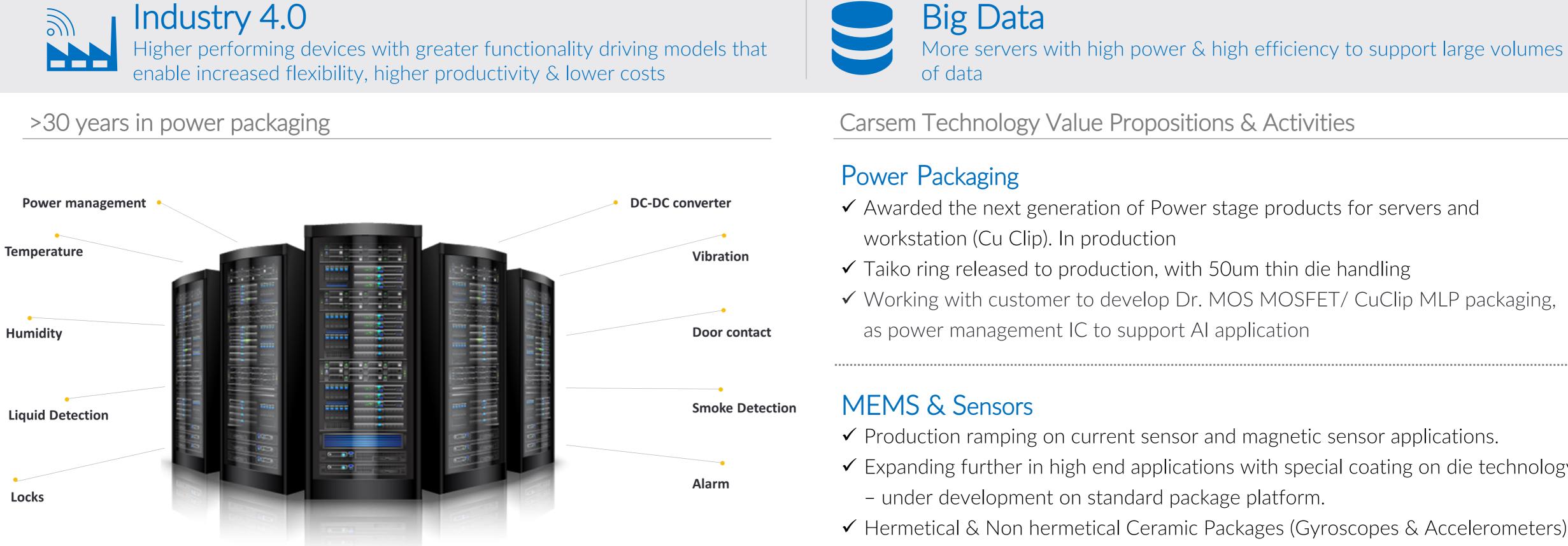




EXPANDING PORTFOLIO ALIGNED WITH TRENDS IN ADVANCED PACKAGING & TESTING FOR POWER

Major trends impacting semiconductor demand







Technology – Industrial segment

- \checkmark Expanding further in high end applications with special coating on die technology
- ✓ Hermetical & Non hermetical Ceramic Packages (Gyroscopes & Accelerometers) with safe launch. Targeted production by Q4 FY24





Technology – Consumer/ communications segment

Major trends impacting semiconductor demand

High data rates, massive connectivity and ultra-low latency, catalyzing remote health care, autonomous driving, AR/ VR experiences

Carsem in Communication

5G





TAPPING INTO THE 5G REVOLUTION THROUGH ROBUST CUSTOM OFFERINGS

IoT

Need for combining functionalities – security, connectivity & microprocessors stimulating usage of sensors, actuators & computing power

Carsem Technology Value Propositions & Activities

RF (5G mobile, WiFi6)

- ✓ QFN SIP solution : FC+ SMT, power management application under development, high end wireless charging, fast charging, Li-Ion battery management
- ✓ WiFi 7 project under mass production since Q2FY24
- ✓ Gold Stud R&D plan for RF filter, expected HVM in 2024

Power Packaging

- ✓ RF Power (mid-high) packaging expertise for handphones/ 5G base stations; high volume manufacturing experience of handling GaN
- \checkmark RF module/ high power switch for 5G base stations remains focus

MEMS & Sensors

- \checkmark New growth in timing MEMs with 3 variants project base under qualification
- \checkmark Expanding into high grade BOM for RF segment and qual in progress
- ✓ Exploring IAQ consumer products market segment





Technology – Invention patent

GRANT OF IP030 - DFN SIDE WALL PLATING

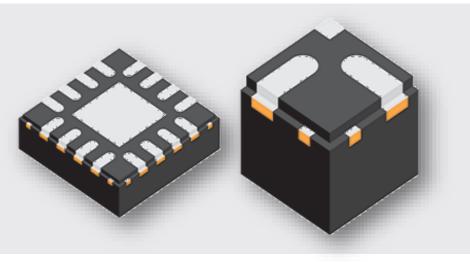
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申请人收到本通知书后,还应当依照办理登记手续通知书的内容办理器 申请人按期办理登记手续后,国家知识产权局将作出授予专利权的决定 和公告。 期满未办理登记手续的,视为放弃取得专利权的权利。 法律、行政法规规定相应技术的实施应当办理批准、登记等手续的,应 2.授予专利权的上述发明专利申请是以下列申请文件为基础的; □原始申请文件。□分案申请递交日提交的文件。□下列申请文件; 申请日提交的摘要附图、说明书摘要、说明书附图;2018年12月19 年10月12日提交的权利要求第1-10项。 3.授予专利权的上述发明专利申请的名称; □宋变更。	E,颁发发明专利证书,并予以登前 2.依照其规定办理。 日提交的说明书第1-169 段; 200
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Invention patent description: a package design method to achieve side wall plating, a process method to achieve "Zero Burr". Carsem Suzhou is the market leader in mainland China for side wall plating

Patent validity period: 20 years

Malaysian Pacific Industries Berhad







•Leader in China OSAT for Wettable Flank MLP (QFN/DFN), FC MIS, CuClip for Automotive.

•16 customers in mass production and 10 of them qualified wettable flank MLP.

•More than 600 kk units shipped, in many OEM and Tier 1 supply chain

•100 NPI in pipeline, with 55% from US/ EU customers



Technology–Immediate focus

CARSEM ADVANTAGE

- \checkmark Already working with the No.1 SiC wafer supplier in the world
- ✓ Optimized packaging & performance for better results
- ✓ Ongoing advanced SiC packaging solutions for major customers in Europe and China
- ✓ Dedicated SiC technology trained team for assembly & test
- ✓ Enhanced dedicated floor space & lines to cater to latest technology – SiC & GaN
- ✓ Witnessing double digit growth YoY with strong pipeline for the coming years in SiC
- ✓ TO247 & TO263-7L packages under R&D - with high density leadframe that can improve the efficiency by ~20%; expected HVM in FY25

SiC technology for power has a promising future, globally

Already working with major players on pipeline for SiC packages



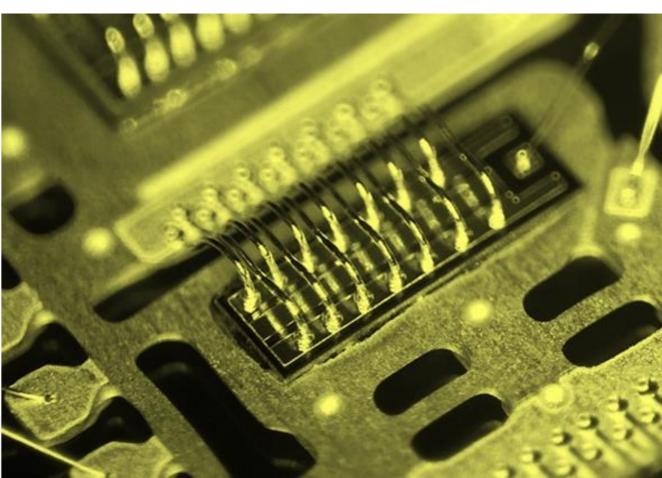
SIC - UNLOCKING RF & POWER APPLICATIONS

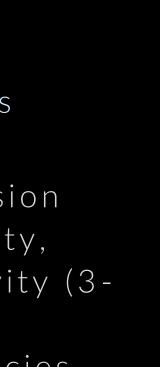




Benefits of SiC over previous gen materials ✓ Wider bandgap,

- ✓improved energy conversion efficiency & power density,
- ✓ higher thermal conductivity (3-4X Si/GaAs/GaN),
- ✓ higher switching frequencies, and reduced system size







GaN FOR RADIO FREQUENCY (RF) APPLICATIONS – 5G BASE STATIONS

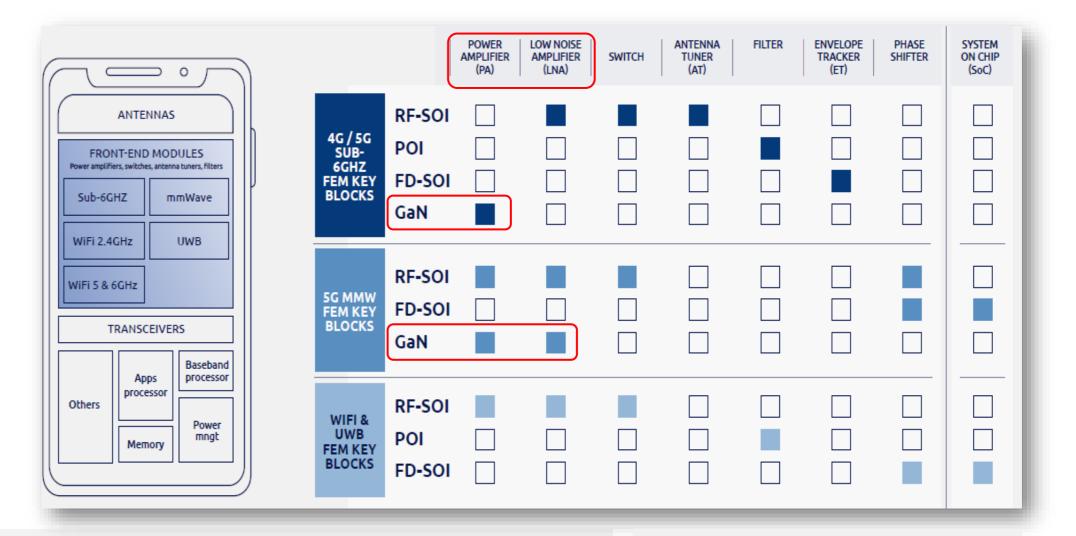


Significant growth is projected for front end modules (FEM) in the next 8 years

- Carsem spent US\$ 12Mil for 5G RF FEM. Carsem Suzhou already has experience in FEM for \checkmark 4G/5G, include DiFEM Module/DiFEM Module/Duplexer+ Quadruplext and Inregular SiP package, started initial production in Q2 FY24
- ✓ Industry technology trend suggests that the business of GaN related FEM will be much more than 4G
- Carsem Suzhou is already engaging with main 5G players of China for 5G base stations FEM \checkmark



Technology – Immediate focus





Source: Yole, Ericsson, Soltec, Qualcomm



Technology – Future focus

Carsem Suzhou has been working extensively on 5G test technology 5G – Next Generation of mobile broadband development \checkmark CSZ is working with 10+ customers for 5G device testing ✓ Completed 5G and Wifi7 RF test capability development, up to WiFi7 7.125GHz ✓ Continuing engagement with specialized customer for 5G FR2 (mmWave) testing development ----✓ Building an exclusive 5G RF domain specific test development team to be the best in this field **4**G 1**G** 2G 3G 5G 11 care 40 21.6 20 0 CSZ R&D capability - able to support 5G sub 6GZ, but not ready for 5G mmWave yet ✓ Exponentially faster download & upload speed ✓ Drastically decreased latency ✓ Implementation of IOT, Autonomous Cars, Artificial intelligence. ✓ High frequency signals on shorter wavelengths will require more base stations than usual 4G 5G use cases ¦⊙| (0 🎲 Games Smart Driving HD Voice High reliable apps Smart City Cloud Office Ĩí. Smart Factory Smart Healthcare Smart Home Smart Traffic

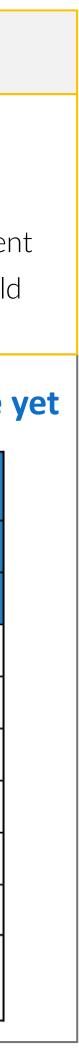


5G TESTING

	2Ĝ	<u>3</u> 6	Age	🏭 5G	
Bandwidth Product	800MHz~2GHz	2GHz~2.2GHz	1.7G~2.7G	3.3GHz~6.0GHz (Sub- 6GHz)	>28GHz (mmWave)
Product	6MHz~24MHz	15MHz	15MHz~130MHz	<1G Hz	>1G Hz
Switch	\checkmark	\checkmark	~	\checkmark	
Filter (SAW/BAW)	\checkmark	\checkmark	\checkmark	\checkmark	
Diplexer/Multiplexer	\checkmark	\checkmark	\checkmark	\checkmark	
PA (Power Amplifier)	\checkmark	V	\checkmark	\checkmark	
LNA (Low Noise Amplifier)	\checkmark	\checkmark	\checkmark	\checkmark	
Antenna Tuner	\checkmark	\checkmark	\checkmark	\checkmark	
SiP (include 2 or more components into a package)	\checkmark	\checkmark	\checkmark	\checkmark	

Malaysian Pacific Industries Berhad

Under development





Technology – Future focus

Entirely new SMT Line

3D X - Ray



CARSEM MALAYSIA

- ✓ Assembling advanced packages with complete flexibility for customization
- ✓ Major portfolio of advanced packages is with big semiconductor companies in NA & EU
- ✓ Investing in superior machines and skilled manpower to handle advanced packaging

BENEFITS OVER STANDARD PACKAGES

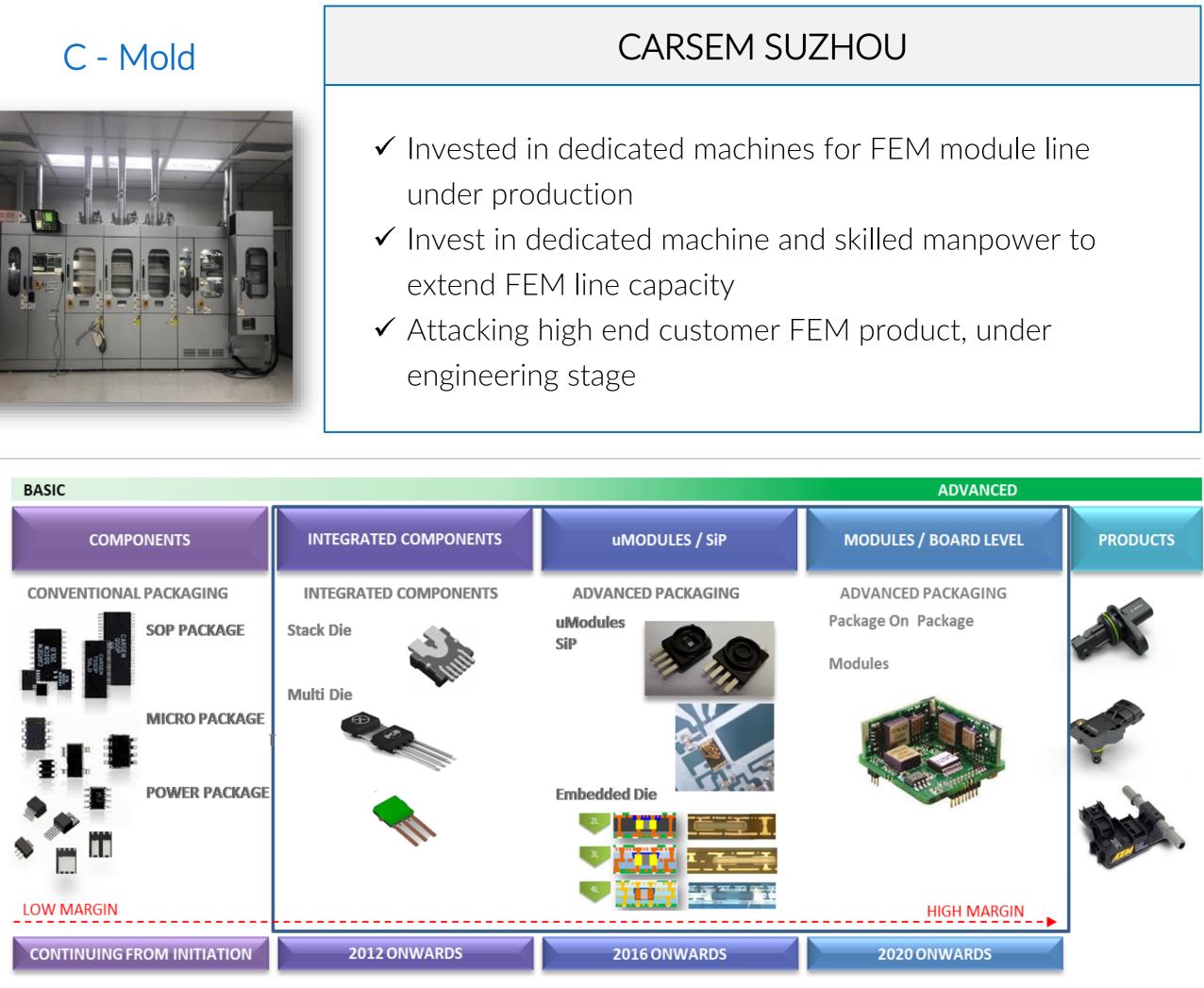
COST SAVING ROBUST REDUCED SIZE CUSTOMIZABLE RELIABILITY PERFORMANCE



MODULES



- under production
- extend FEM line capacity
- engineering stage





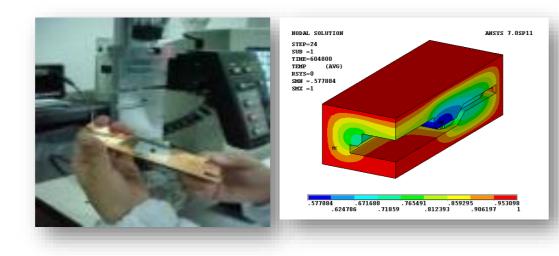
Technology – Carsem technology center

DEDICATED TECHNOLOGY CENTER TO DRIVE INNOVATION & TECHNOLOGY DEVELOPMENT

CARSEM TECHNOLOGY CENTER (CTC) – 4M APPROACH TO R&D

MATERIAL

- Materials lab, ullet
- Design & Simulation \bullet



MACHINE

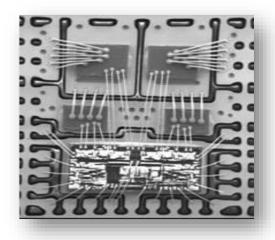


Dedicated to package/process/materi als development



METHODOLOGY

- Process development
- Total 75 active patents



MAN (HUMAN CAPITAL/ EXPERTISE)

• Total headcount: 59 (Technical Management ~8%, Project Management ~34%, Engineering ~58%)





Quality & productivity focus

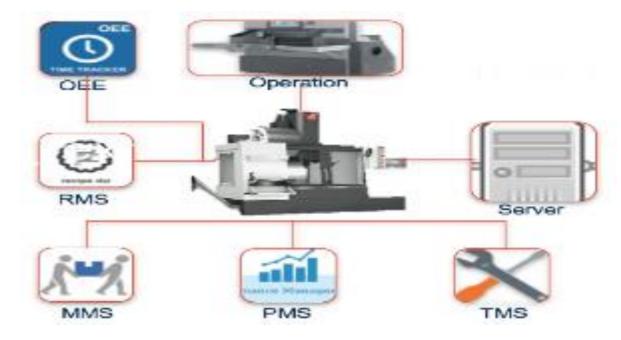
e-Office - Equipment Visual Management

In house system to consolidate all individual systems into one centralized EVM (Equipment Visual Management) system

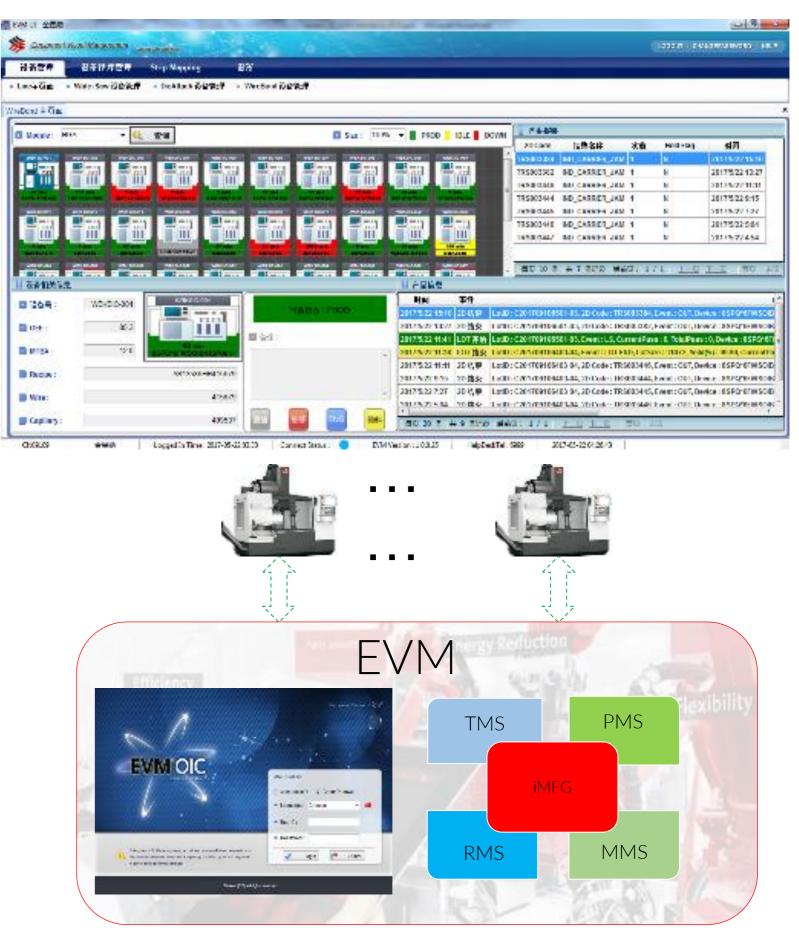
EVM is a 'one click' enabler

- access to the ulletmanufacturing data and effective data analysis
- remote control & disposition of system alarms
- drive OEE, ulletengineering and quality improvement











Quality & productivity focus

e-office Smart Business (e-office, Paperless and PDA system development)

Current Situation





Carsem SZ is focusing on e-Office and paperless system development and implementation







Awards and recognitions

BEST SUPPLIER AWARDS received





MAXSCEND

WILLSEMI





QUALITY, PEOPLE and ESG

The Edge - FTSE ESG award 2023

MPI won this award for the second successive year



The Edge Billion Ringgit Club & Corporate Awards 2023

HIGHEST GROWTH IN PROFIT AFTER TAX OVER THREE YEARS

TECHNOLOGY

Malaysian Pacific Industries Bhd



Automotive-centric strategy proves prescient



TABLE OF CONTENT





Financial highlights

REVENUE	Despite overall market slowdown, Q2 FY24 h
PATAMI	Optimized productivity & cost prudence mea
CASH	Even with a decline in YoY sales, MPI continu
EPS	Despite all the challenges & high costs, MPI C
CHALLENGES	Global end market demand drop, high invente
SEGMENTS	Automotive segment is strengthening; Autom

Q2 FY24 SNAPSHOT

has grown revenue by 2% against Q1 FY24

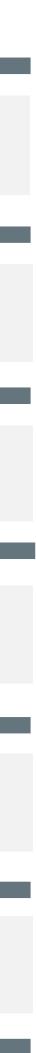
asures led to PATAMI growth by 95% on revenue increase of just 2% Vs Q1

ues to accumulate cash - Q2 FY24 Net Cash – RM 936 millions

Q2 EPS grew to 16.17c against 8.31c of Q1 FY24 (95% higher)

tory stock with customers & manpower constraints

notive (43%); Industrial (38%); Consumer (13%)





	Q2 FY24	Q1 FY24	Q2 FY23	Q2 vs Q1	Q2 vs Q2	YTD FY24	YTD FY23	YoY
	RM mil	RM mil	RM mil	%	%	RM mil	RM mil	%
Revenue	522.8	513.2	526.4	2%	-1%	1,036.0	1090.4	-5%
PAT	47.5	30.0	31.8	58%	49%	77.6	99.5	-22%
PATAMI	32.2	16.5	18.3	95%	75%	48.7	71.0	-31%
EPS (sen)	16.17	8.31	9.22	95%	75%	24.47	35.72	-31%
EBITDA %	26%	23%	23%			25%	26%	
Capex	21.9	53.7	62.0	-59%	-65%	75.7	148.5	-49%
Dividend	20	0	20			20	20	
Net Cash	935.7	871.9	815.9			935.7	815.9	
EDR	100:0	100:0	100:0			100:0	100:0	
ROSF	1.6%	0.8%	0.9%			2.4%	3.6%	

Key financials

MPI GROUP RESULTS AT A GLANCE

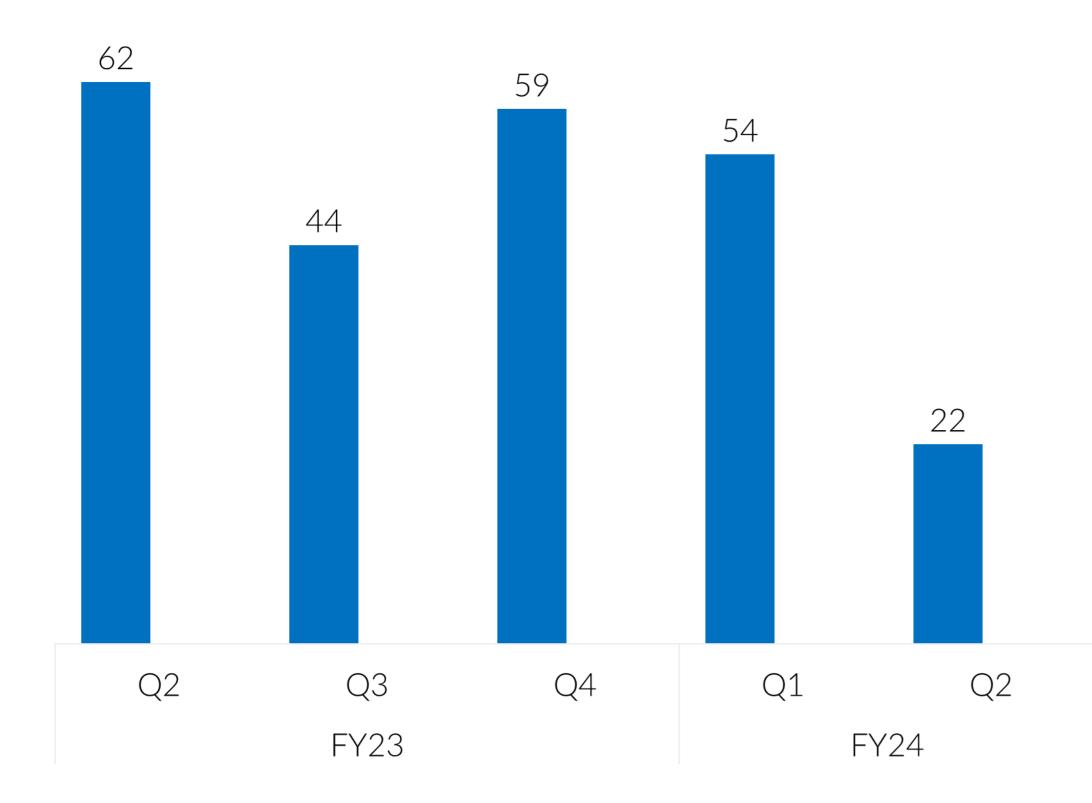
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CONTINUING STRATEGIC INVESTMENTS FOCUSING ON SENSORS, 5G TESTING & SIC/ GAN TECHNOLOGIES

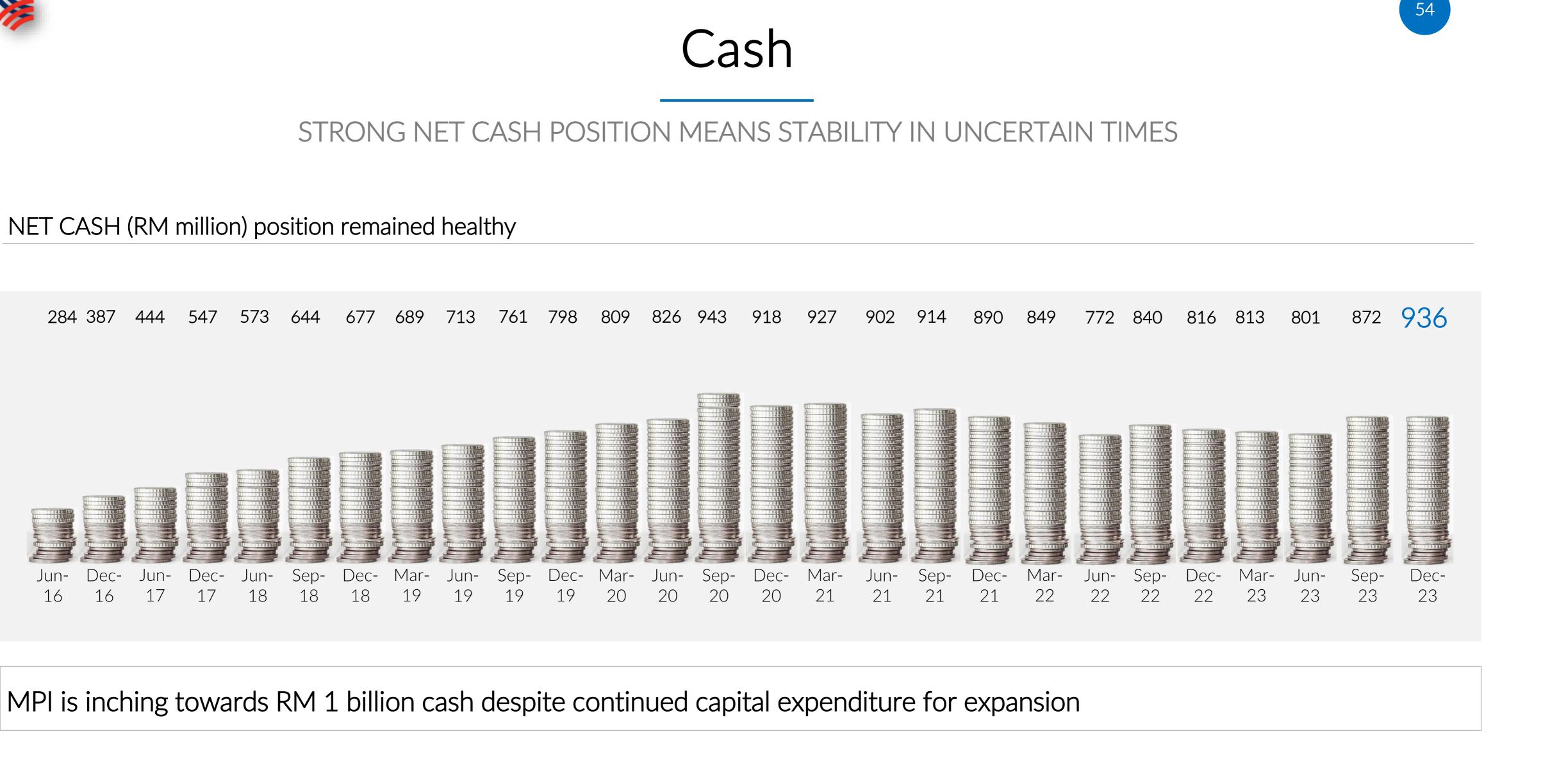
MPI CAPEX (RM million)



Investments

- Hire domain specific relevant people across the globe to support business operations & sales
- Investing in **research & development** to deliver latest technology solutions to our customers
- Floor space expansion to meet increasing business demands from existing & new customers
- Continuing Industry 4.0 via automation in each factory to • have zero defects quality
- **Upskilling** existing operational & technical manpower to be able to perform better with latest technology
- Looking for more anchor customers to secure more guaranteed business in future







Statement of profit or loss

	Q2FY24	Q2FY23	Changes
	RM '000	RM '000	%
Revenue	522,751	526,419	-1%
Cost of sales	(455,215)	(455,645)	-0.1%
Gross profit	67,536	70,774	-5%
Operating expenses	(30,294)	(33,128)	-9%
Other operating income/(expenses)	6,225	(4,181)	-249%
Profit from operation	43,467	33,465	30%
Interest income	8,803	6,167	43%
Interest expenses	(2,016)	(2,360)	-15%
Profit before taxation	50,254	37,272	35%
Taxation	(2,737)	(5,450)	-50%
Profit for the period	47,517	31,822	49%
Profit attributable to:			
Owners of the Company	32,151	18,330	75%
Non-controlling interests	15,366	13,492	14%
Profit for the period	47,517	31,822	49%
Earnings per ordinary share (sen)			
Basic	16.17	9.22	75%
Ratio			
GP %	13%	13%	
PBT %	10%	7%	
PAT %	9%	6%	
EBITDA%	26%	23%	





Statement of financial position

	31/12/2023 RM'000
Non-current assets Property, plant and equipment	1,325,865
Right-of-use assets Investment properties Investments	44,564 26,611 46 1,397,086
Current Assets Inventories Trade and other receivables, including derivatives Tax recoverable Cash and cash equivalents	138,528 314,112 703 1,100,663 1,554,006
TOTAL ASSETS	2,951,092

30/06/2023
RM'000

1,416,233 47,298 27,026 46 1,490,603

149,537 318,871 4 1,053,096 1,521,508

3,012,111

56



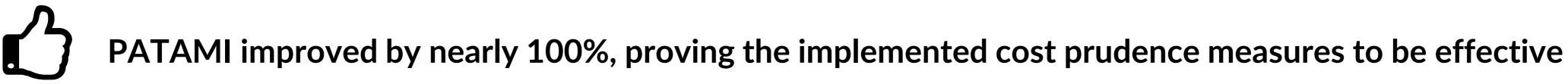
Statement of financial position

	31/12/2023	30/06/2023
	RM'000	RM'000
Capital	352,373	352,373
/es	1,881,747	1,826,261
iry shares	(163,816)	(163,816)
	2,070,304	2,014,818
ontrolling interests	365,191	345,570
	2,435,495	2,360,388
urrent liabilities		
wings (unsecured)	49,598	79,480
liabilities	10,488	21,788
red tax liabilities	9,703	6,936
	69,789	108,204
nt liabilities		
and other payables, including derivatives	294,344	346,104
wings (unsecured)	115,404	172,184
liabilities	12,785	3,177
nt tax liabilities	23,275	22,054
	445,808	543,519
LIABILITIES	515,597	651,723
_ EQUITY AND LIABILITIES	2,951,092	3,012,111
ssets per share attributable to		
s of the Company (RM)	10.41	10.13
ash	935,661	801,432
	100:0	100:0



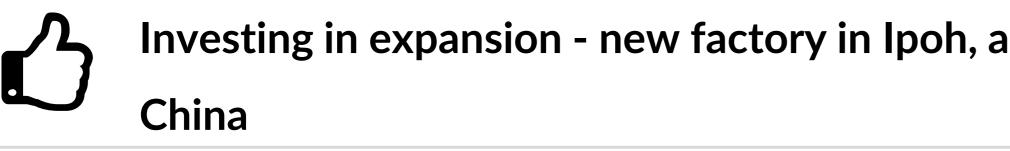


MPI revenue grew sequentially by 2% QoQ













Investing in expansion - new factory in Ipoh, additional floor in Carsem S – Site (Ipoh) and a new site in



Thank You

