300493

2022-003

	☑ ☑ _____ _____
	☑

		JP MORGAN	
		Don Vally	
		APS	

PZT

TWS

MEMS(Micro-Electro-Mechanical Systems)

MEMS

2021 MEMS 300

450 RMB 13%

2021 12

Mems 90 Mems

IC

MEMS

B

	pixcel 3d MEMS MEMS CMOS chiplet mems ASIC Chiplet 2.5d 3d 2.5d 3d pcb sip pcb sip Chiplet Intel **MEMS** pzt pzt mems + fab pzt b VR AR pzt pzt mems 1 Wafer 8 cmos cmos

MEMS

XMEMS uSound(ST)

4d

Q1 Mems

TWS

SMT

	AR MEMS **Q3 Mems** pixcel mems wire bonding 1024 **Q4 Mems** mems mems **Q5 mems** **tws** mems 50 mems speaker **Q6 mems** ASIC 2 1 **Q7 Mems**

cis mems speaker

Q8

Amr tmr gmr

Asp

Q9 mems

12 1

pixcel pixcel 120-140 pixcel

1024 9 10

Q10

Audiopixel 1024 1024

1024

Q11 Mems

mems

mems

xMems

uSound stm Bosch

tws MEMS

Q12 Mems Mems

mems

ASIC pa mems

AR VR

AR VR

mems speaker

mems

ar vr mems

Q17 mems

oppo

2

mems oppo 4 mems

Q18 1 wafer

Wafer 8000 8 8000

98%

Q19

6-9

Q20 mems ic

MEMS 2

1 wafer

Q21 2

MEMS Speaker

	Q22 mems **Q23 ASIC IC** tws 1024 mems ASIC mems **Q24 mems ASIC IC** ASIC 23 mems 4 5 RMB
	2022 11 29