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 pzt pzt mems + fab pzt b VR AR pzt pzt mems 1 Wafer 8 cmos cmos

MEMS

XMEMS uSound(ST)

4d

TWS

SMT

	AR MEMS pixcel mems wire bonding 1024 mems mems mems 50 mems speaker ASIC 2 1

cis mems speaker

Amr tmr gmr

Asp

12 1

pixcel pixcel 120-140 pixcel

1024 9 10

Audiopixel 1024 1024

1024

mems

mems

xMems

uSound stm Bosch

tws MEMS

mems

ASIC pa mems

AR VR

mems speaker

mems

ar vr mems

oppo

2

mems oppo 4 mems

Wafer 8000 8 8000

98%

6-9

MEMS 2

1 wafer

MEMS Speaker

	tws 1024 mems ASIC mems ASIC 23 mems 4 5 RMB
	2022 11 29