



华润微电子有限公司

China Resources Microelectronics Limited

公司简称 华润微 股票代码 688396

高质量发展 HIGH QUALITY DEVELOPMENT

年报摘要

ANNUAL REPORT (SUMMARY)

2021



第一节 重要提示

www.sse.com.cn

2021 2021

2021 2021
10 1.718 22,679.18
10.00%
2021
2021

A

第二节 公司基本情况

A			688396	

	14	14
	+86-510-85893998	+86-510-85893998
	crmic_hq_ir_zy@crmico.com	crmic_hq_ir_zy@crmico.com

()

()

IDM

IDM

IDM

IDM

IDM

IDM

IDM

2

IDM

IDM

3

2

1

2

3

4

()
1.

2012

1

2000

2011

2014

2016

2017

2020 8

2021 3

2035

IGBT

MEMS

2021

5,000
5G

SIA

2021
WSTS

5,559
2021

26.2%

25.6%

5,529.6

IBS

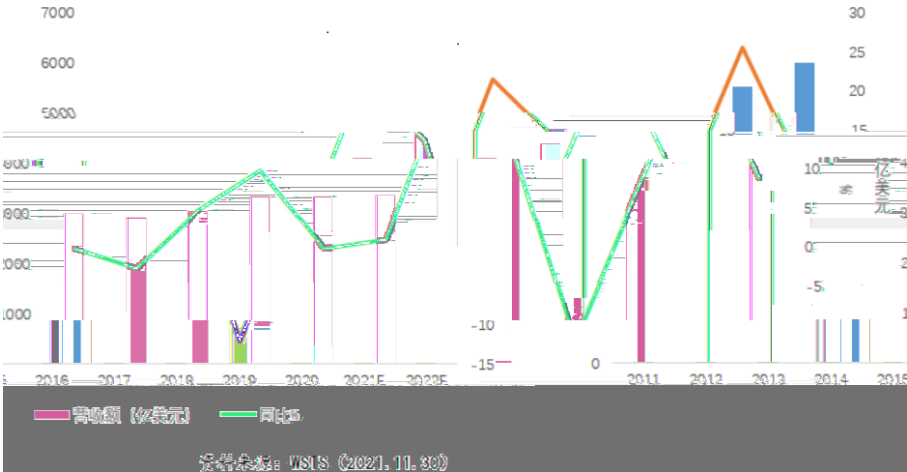
2024

6,060

2030

1

2011-2022年世界半导体产业营收额及增长情况



1 2011-2022

2021

6,354.8
3,107

16.9%
19.6%

4,325.5
1,537.9

2021

23.6% 2021
32%

2021

2021

CSIA

2021
4,519
2,763

19.6%
10.1%

10,458.3
3,176.3

18.2%
24.1%

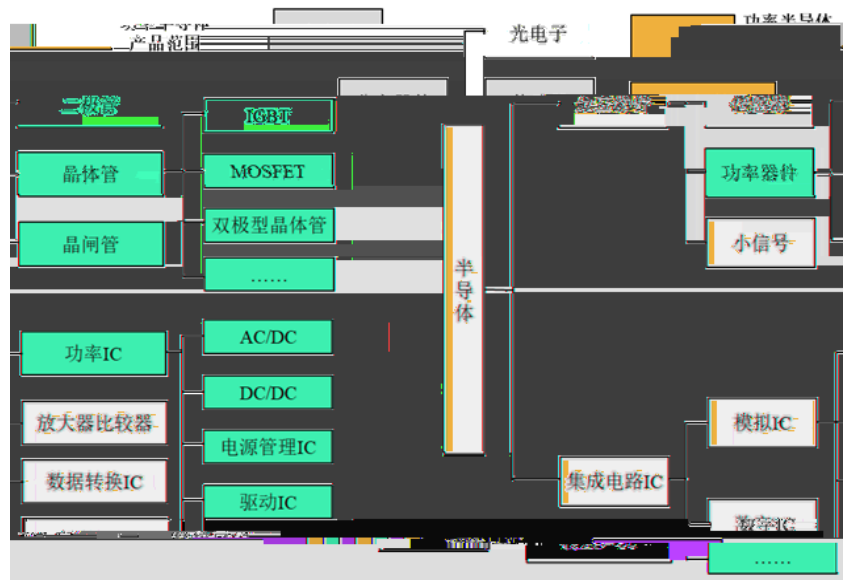
5G

AI

VR/AR

2

IC



2

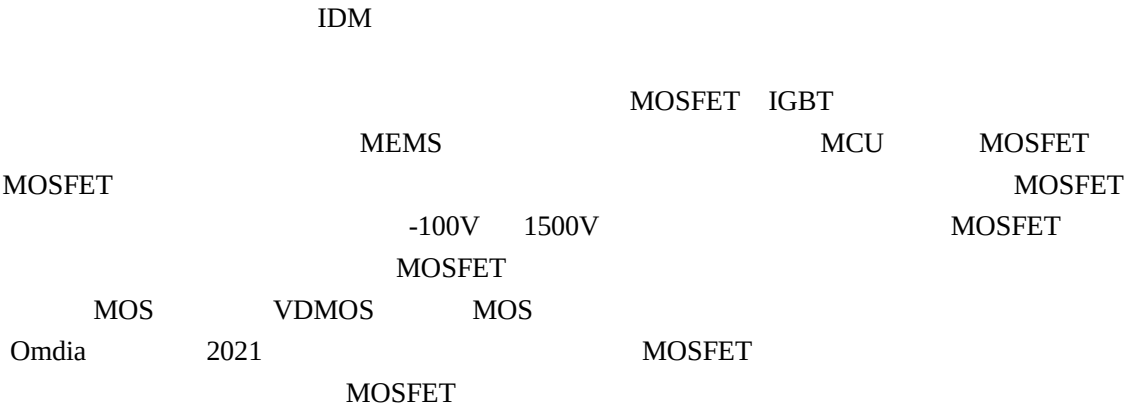
8%-10%

Omdia	2021	441	2024
500			30%
159	2024	190	2021



3

2.



3.

1



SiC

MOSFET IGBT SBD

GaN

5G

Omdia 2021 SiC GaN 11 2030

175

2

5G

20%

50%

3

5G

Yole 2020-2026

7.9% 2025 420

25%

FC TSV

ED Fan-In / Fan-Out SiP

PLP

3

	2021	2020	(%)	2019
	22,191,209,564.33	16,532,495,766.97	34.23	10,095,287,650.34
	17,289,740,962.42	10,582,787,885.23	63.38	5,423,131,165.33
	9,249,202,849.06	6,977,259,188.03	32.56	5,742,784,130.70
	2,267,920,399.95	963,661,634.37	135.34	400,755,536.42
	2,098,574,267.93	853,147,747.43	145.98	206,311,510.92

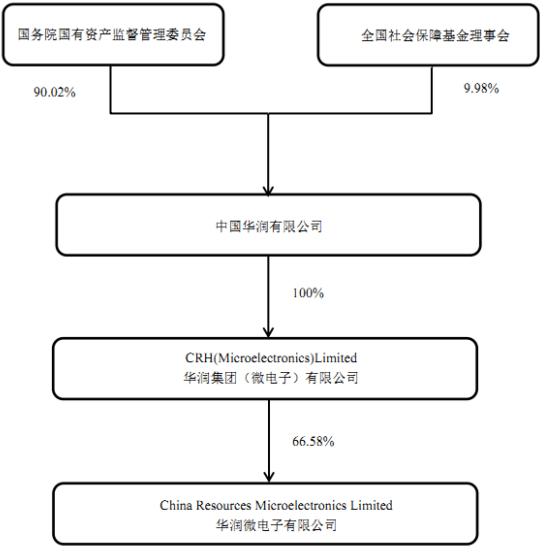
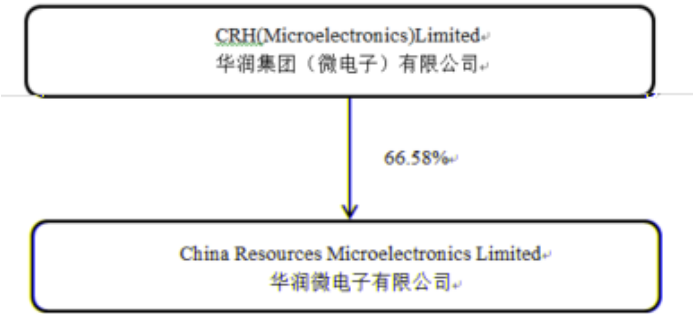
	3,454,432,397.57	1,832,059,827.37	88.55	576,258,618.29
%	15.4782	10.3388	5.14	8.0281
	1.7644	0.8362	111.00	0.4559
	1.7644	0.8362	111.00	0.4559
%	7.71	8.11	0.4	8.40

	1-3	4-6	7-9	10-12
	2,044,871,636.12	2,409,997,689.73	2,472,638,267.69	2,321,695,255.52
	399,905,847.59	667,713,167.70	616,049,223.79	584,252,160.87
	370,507,737.39	644,673,996.48	538,714,889.07	544,677,644.99
	750,104,425.07	600,891,242.25	1,120,168,506.77	983,268,223.48

							:
()							76,672
()							73,159
							0
							0
							0
							0
			(%)				

	0	878,982,146	66.58	878,982,146	878,982,146		0	
	-5,899,427	72,225,573	5.47	0	0		0	
	31,250,000	31,250,000	2.37	0	0		0	
50	-3,523,114	5,973,246	0.45	0	0		0	
	4,198,821	5,711,407	0.43	5,711,407	7,812,500		0	
	4,166,666	4,166,666	0.32	0	0		0	
	695,376	3,320,338	0.25	0	0		0	
	3,125,000	3,125,000	0.24	0	0		0	
	645,384	2,737,546	0.21	0	0		0	

		2,700,000	0.20	0	0		0	



第三节 重要事项

1

		924,920.28		32.56%
235,414.42		116.84%		226,792.04
	135.34%		2,219,120.96	34.23%
	1,728,974.10		63.38%	
1			227,194.37	32.56%
2			7.86	
3				130,425.88
135.34%				124,542.65
	145.98%		32.56%	7.86
4		71,322.51	25.99%	
183	137	2,123		1,494
2				