

600584



2020

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11.23%

180,000,000

180,000,000

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500,000.00

500,000.00

36	290,074.00	266,000.00
100	221,470.00	84,000.00
	511,544.00	350,000.00
	150,000.00	150,000.00
	661,544.00	500,000.00

7

180,000,000

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		2020 A
		2020 A
		Semiconductor Manufacturing International Corporation
		5%

PBGA		Plastic Ball Grid Array
LGA		Land Grid Array
QFN		Quad Flat No-lead
Bumping BUMP		
WLP		Wafer Level Packaging
CSP		Chip Scale Package
WLCSP		Wafer Level Chip Scale Packaging CSP
TSV		Through-Silicon Via
SiP		System in Package
eWLB		Embedded Wafer Level Ball Grid Array
FO-WLP Fan-Out WLP		Fan-Out Wafer Level Package
eWLCSP™		Embedded Wafer Level Chip Scale Packaging
PoP		Package on Package

.....	1
.....	2
.....	5
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.....	10
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.....	11
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.....	12

.....	15
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5G	15
	5G	16

36	17
100	19

.....	21
.....	23

.....	23
.....	23
.....	23
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.....24
.....24
.....24

.....25
.....26
.....27
.....29
.....31

3

2020 -2022

.....37

JCET Group Co., Ltd.

78

1,602,874,555

600584.SH

“ ”

WLP 2.5D / 3D

SiP

Flip Chip

	2010	2019		1,424
7,562.3			20.38%,	
		2010	700	2019
				2,300
	14.13%			
5G				
			Accenture	2026
	224.1			5G
				2019
234.46			2020	
10			13.8%	
			A	1.00
/				

A

A

$$\div \frac{20}{20} = 20$$

$$P1 = \frac{P0}{1+N} \quad P1 = \frac{P0 - D}{1+N}$$

$$180,000,000 \quad 11.23\% \quad 180,000,000$$

2

500,000.00

500,000.00

36	290,074.00	266,000.00
100	221,470.00	84,000.00
	511,544.00	350,000.00
	150,000.00	150,000.00
	661,544.00	500,000.00

5%

1,602,874,555

19.00%

14.28%

2

180,000,000

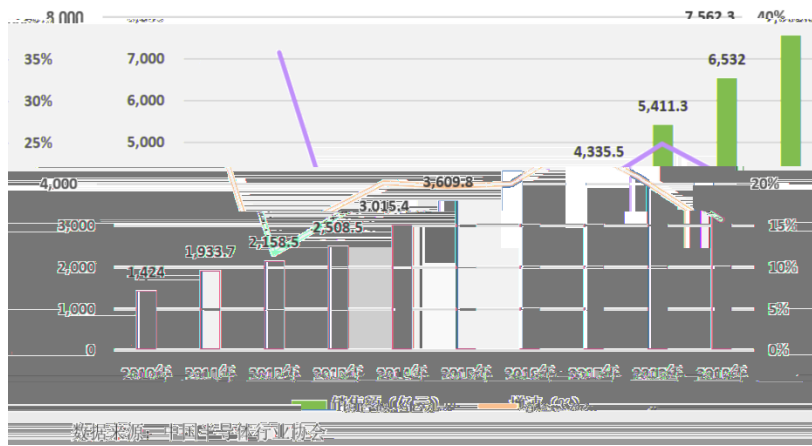
2020 8 19

500,000.00

500,000.00

36	290,074.00	266,000.00
100	221,470.00	84,000.00
	511,544.00	350,000.00
	150,000.00	150,000.00
	661,544.00	500,000.00

中国集成电路行业销售额及增速



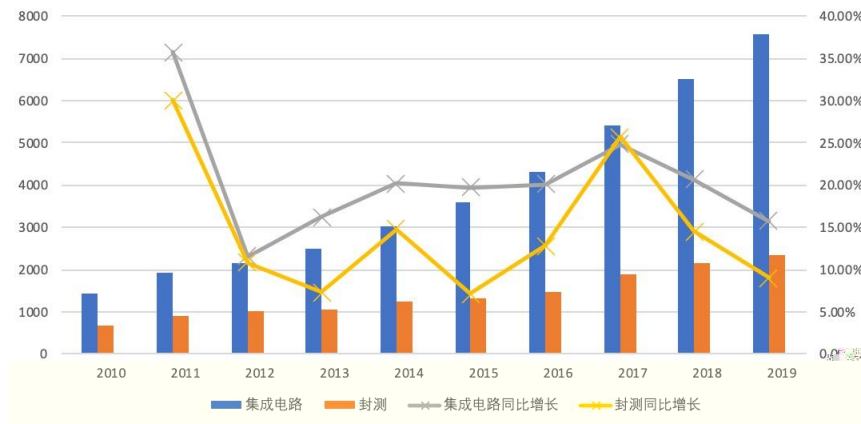
2010 2019

1,424

7,562.3

20.38%

2010-2019年我国集成电路及封测销售收入趋势图



2010 700

2019 2,300

14.13%

5G

Accenture

2026

5G

224.1

5G

5G

2019 6 6

5G

5G

5G

5G

SiP

Yole

2023

SiP

53

11.3%

SiP QFN BGA

5G

5G

36

1

36

DSmBGA BGA LGA QFN

3

2

1

D3

D3

LGA

BGA SiP

5G

2

Fan-out SiP eWLB WLCSP

BUMP

2G/3G/4G/5G

PA-SiP RFFESiP

QFN-SiP

JSK

SiP

SiP

8

20

2020

6

30

2458

327

2131

3

5G

multi-site

4

5G

3

290,074

273,441

16,633

4

183,785

39,836

5

6

[2020]72

100

1

100

DFN QFN FC BGA

5

2

	2017	2018	2019	2020	6
3		221,470		210,430	
	11,040				
4				163,507	
	21,811				
5					
6					
	[2018]46				
		100			
				[2018]18	
1				150,000	
2					
1					
	2017	2018	2019	2020	6
		68.80%	64.29%	62.37%	59.99%

		2020 6 30	2019 12 31	2018 12 31	2017 12 31
002156.SZ		-	59.76%	53.45%	48.48%
603005.SH		13.77%	13.97%	17.11%	15.27%
002185.SZ		-	38.18%	48.77%	35.99%
		-	37.30%	39.78%	33.25%
600584.SH		59.99%	62.37%	64.29%	68.80%

2020 6 30

2

2018	2019	2020	1-6	2017
				98,285.02
113,102.51	87,011.26		30,288.86	4.12%
4.74%	3.70%	2.53%		

14.28%
1,782,874,555

19.00%
1,602,874,555

180,000,000

	2019	12	31			62.37%
0.54		0.39		2020	6	30
59.99%		0.64			0.45	
		1				

1

				2019	
	WSTS		2019		4,121
	12.1%	SIA		2020	
2,085		5.2%			

2

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2019

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5

COVID-19

2020

COVID-19

1

2					
	2015		235,097.90	2018	2019
		36,577.86	9,491.09	2020	6
30		224,797.28			
3					
			68.80%	64.29%	62.37%
59.99%					

4			
5			
	2020	6	30
	16,257.68		272,223.31
			13,805.03

1

23

11

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1,602,874,555

19.00%

14.28%

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180,000,000

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INNOSILICON TECHNOLOGY LTD

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2020

4 30

2,500.00

17,456.50

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2013 12 24 2013

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3

70%

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2/3

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33

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2017 2019

2017	3,399.61	34,334.68	9.90%
2018	-	-93,931.53	0.00%
2019	-	8,866.34	0.00%
			-16,910.17
			-

2020 -2022

[2012]37

3 —

[2013]43

2020-2022

“ ”

2020-2022

1

2

2020-2022

3

20%

4

2

1

2

3

2020-2022

			1,602,874,555	
	180,000,000			
		1,782,874,555		
				2020
1				
2		2020	11	
3				180,000,000
	500,000.00			
4				1,602,874,555
5	2019		8,866.34	2020
		2019	10%	10%

6

7

8 2020

2020

2020

1

	2019 /2019-12-31	2020 /2020-12-31	
	1,602,874,555	1,602,874,555	1,782,874,555
1 2020		10.00%	
	8,866.34	7,979.71	7,979.71
	-79,284.49	-87,212.94	-87,212.94
	0.71%	0.63%	0.61%
	0.06	0.05	0.05
	0.06	0.05	0.05
	-6.36%	-6.88%	-6.67%
	-0.49	-0.54	-0.54
	-0.49	-0.54	-0.54
2 2020			
	8,866.34	8,866.34	8,866.34
	-79,284.49	-79,284.49	-79,284.49

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Fan-out

SiP eWLB WLCSP BUMP

1 36

36 DSmBGA

BGA LGA QFN

2 100

100 DFN QFN FC BGA

1

2015

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2020 6 30

2,458

327

2,131

3

TOP10

5G

5G

5G

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1

2020

13.8%

2

68.80% 64.29% 62.37% 59.99%

36

100

2020

1

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2

3

4

2 —

5

[2012]37

3 ———

[2013]43

2020-2022

6

[2014]17

[2013]110

[2015]31

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6

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