

Category	Sub-category	Value	Total
1.			4
	1.1	IDM	4
	1.2		6
	1.3	5% 20% IPO	8
2.			11
	2.1		11
	2.2		13
	2.3		15
3.			17
	3.1	IDM	17
	3.2		19
	3.3	+	22
4.			24
5.			24

1		4
2	2016-2020	6
3	2016-2020	6
4	2016-2020H1	F4

22	MOSFET		14
23	MOSFET	V	14
24			15
25			15
26	2020	PC	16
27	5G		

1.

1.1

IDM

MOSFET

4

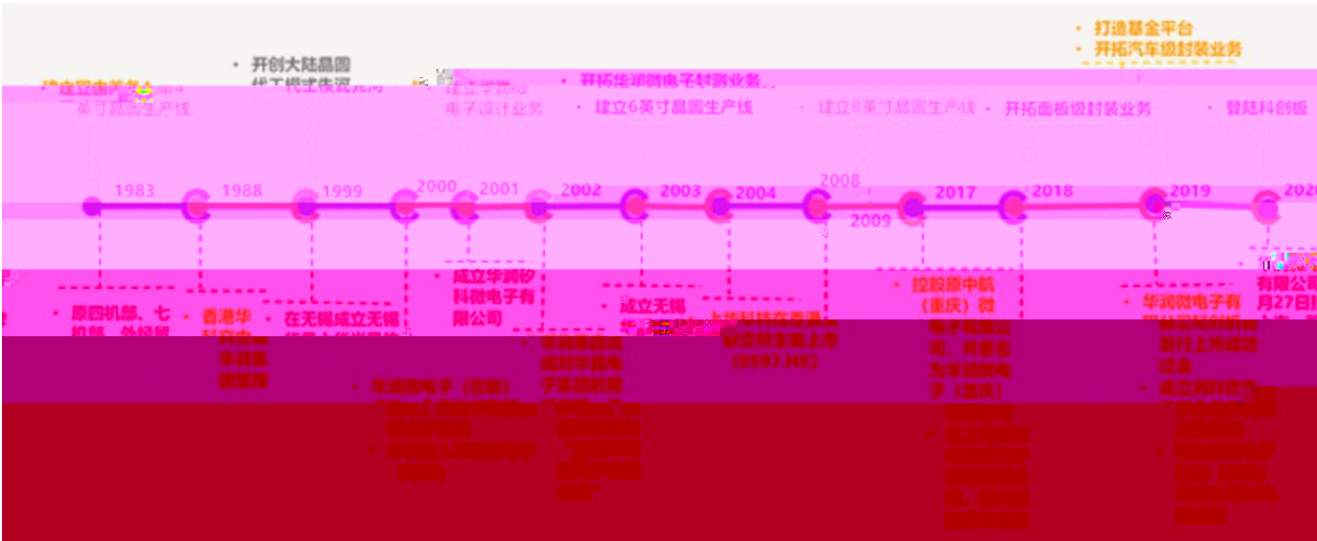
6

2004

2018

IDM
MOSFET

1



80%

IC			MOSFET IGBT SBD		
FRD	IC				MOSFET
	IDM				
	MOSFET				
		Trench-FS			SBD
8	Trench				
FRD					
IC		IC			

1

MOSFET

1	8	MOS		MOS		MOS		SBD	60	
									199	
		QFP	QFN	PQFN	FC-QFN	TSSOP	SSOP	MSOP	62	
		IPM								
									69	
									2.4	

15%

MPS International, Ltd Diodes

Incorporated

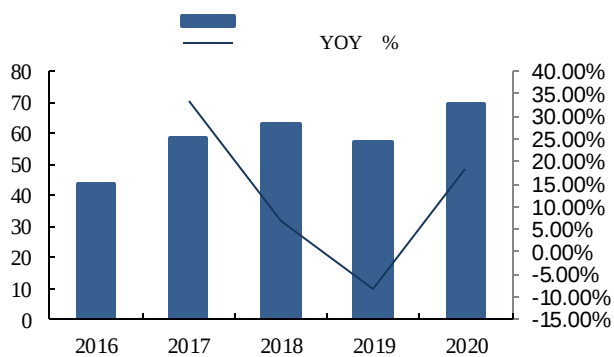
2016-2019

13.4% 11.1% 11.1% 11.3%

1.2

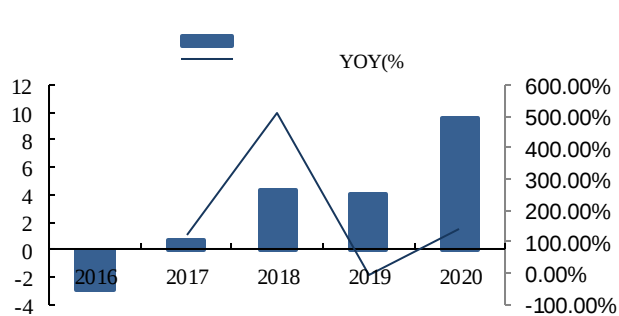
		19		20	
2016-2018		43.97	58.76	62.71	19.42% 2019
	57.43	8.42%			2019
			5G	AI	VR/AR
		20			
2020		69.77		21.49%	9.60
	139.66%				

2 2016-2020



wind

3 2016-2020

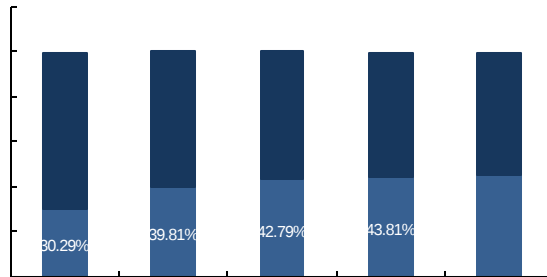


wind

2016	30.00%	20	44.70%
2020			
IC		IC	

34.37%

4 2016-2020H1



5 2020H1

wind

wind

2016

9.91%

2016-2020Q3

2019

25.19%

17.76%

2019

29.48%

14.49%

17.62%

25.20%

22.84%

28.13%

13.6% 2016- 2018

2016-2020Q3

16.9% 16.1% 15.2% 17.5%

2019

2020

6 2016-2020Q3

7 2016-2020Q3

wind

wind

4.50

4.83

3.71

2016-2018

20 50%

2016-2020Q3

7.86%

7.61%

7.17

8.40%

7.59%

7%

3.46

4.47

19



P8

688396

IDM

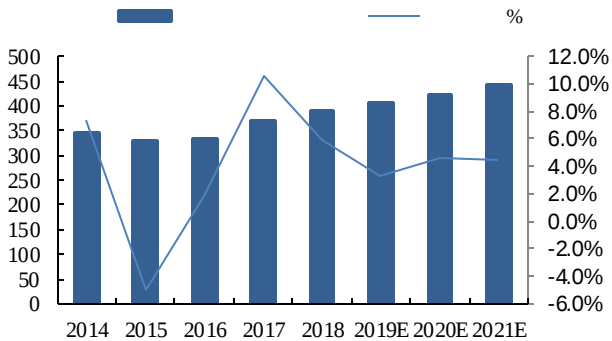
11

IPO

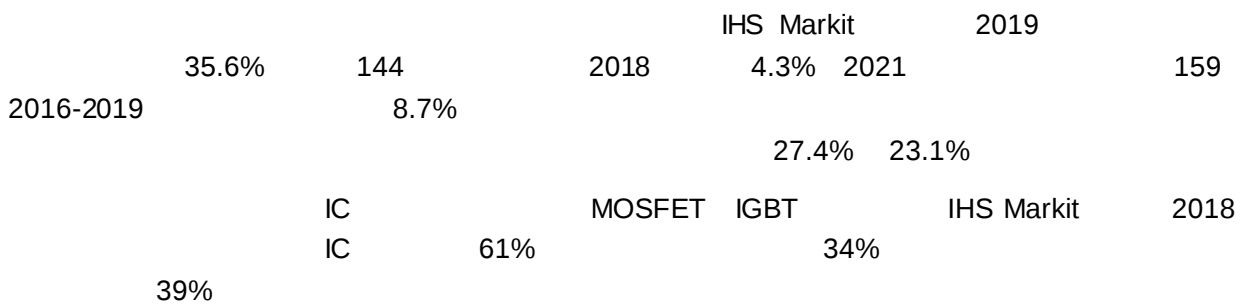
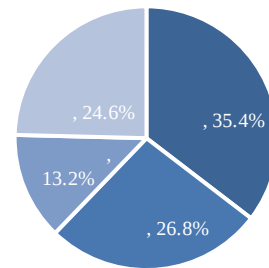
Year	IC	MEMS
2019	3	5
2020	6	1
2021	24	3

2.

2.1

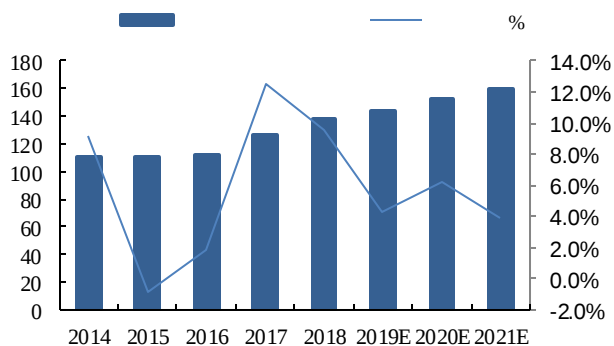


IHS Markit

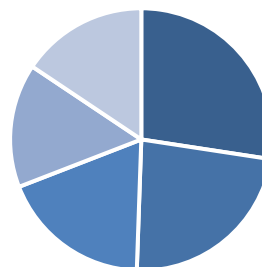


14 2014-2021E

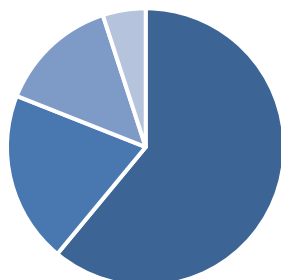
15 2019



IHS Markit

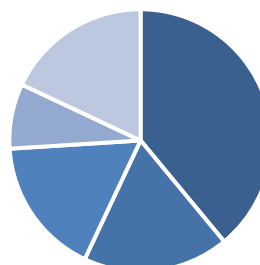


16 2018



IHS Markit

17



IDC

MOSFET IGBT

MOSFET IGBT

2018 20% 14%
2016-2018 IGBT 23.9%
5
2019

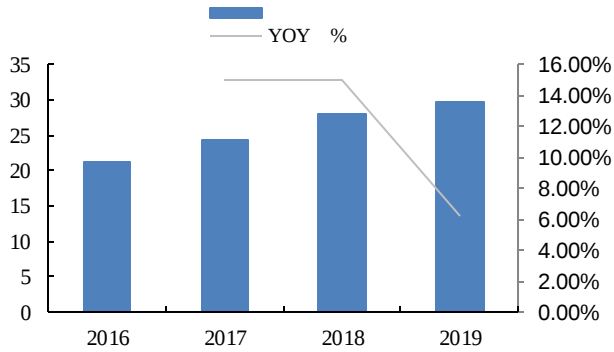
2016-2019 MOSFET 12.0%
MOSFET IGBT
2017 3.25% 8.34%
10%

18

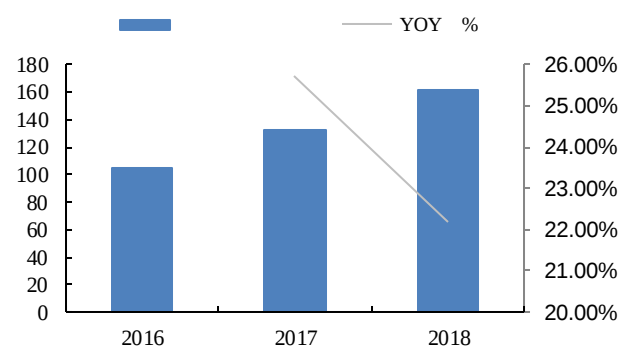
MOSFET

19

IGBT



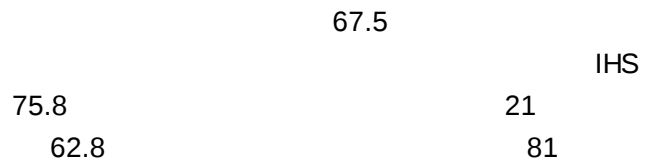
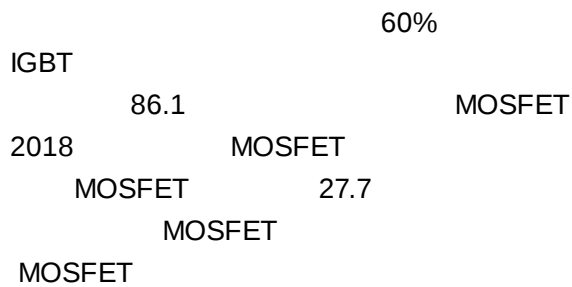
IHS Markit



2.2

MOSFET

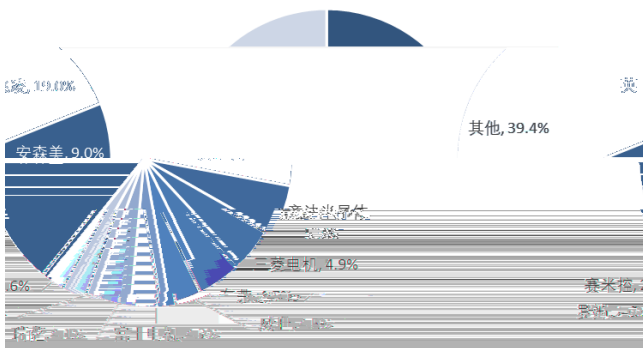
IHS Markit



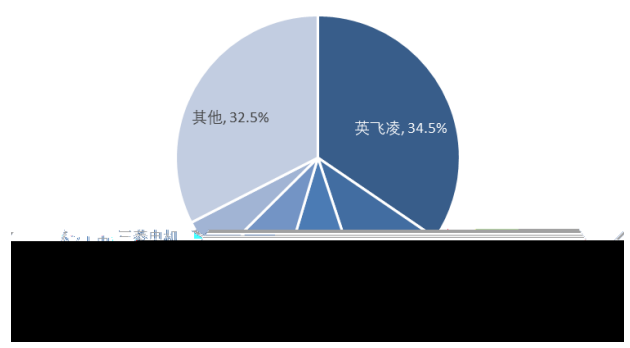
20

21

IGBT



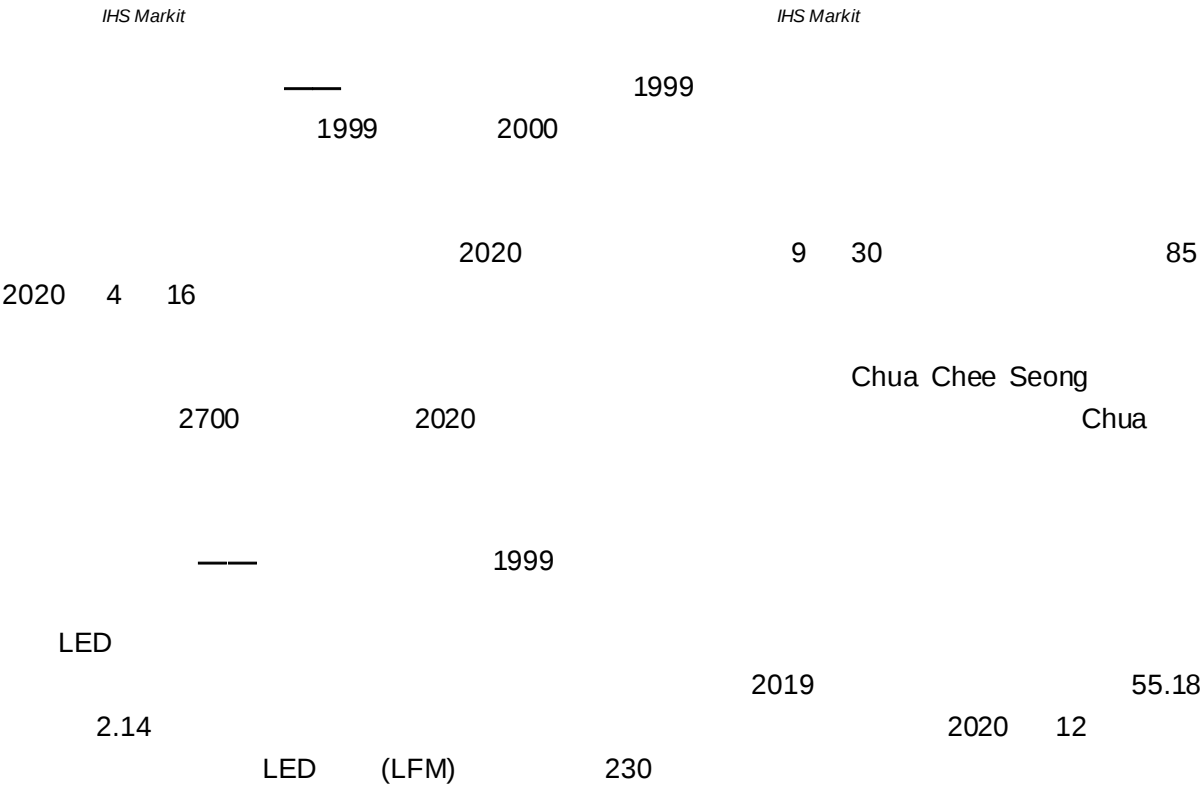
IHS Markit



IHS Markit

22 MOSFET

23 MOSFET



2.3

26 2020

PC

27

5G

IDC

2020 11

40%

4

/

	5.31	0.32	4.75%
	1.9		
	13	2.24	23.24%
8	15	5.56	13.24%
12	100		
8	40	12.77	160.83%
8	15	6.09	20.26%

3.

3.1

IDM

IDM

IDM

IDM

2020

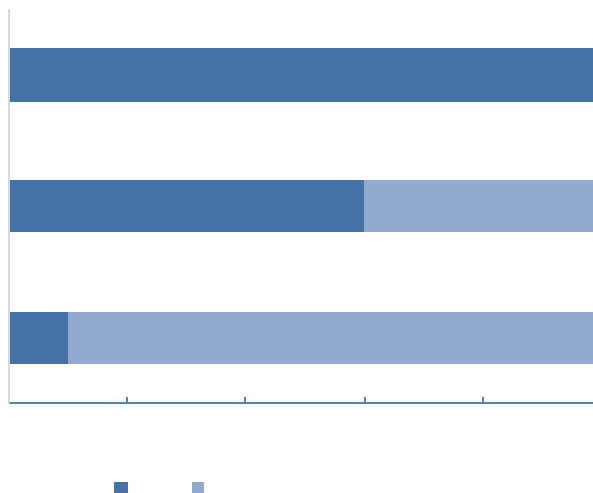
IDM

2018

IDM

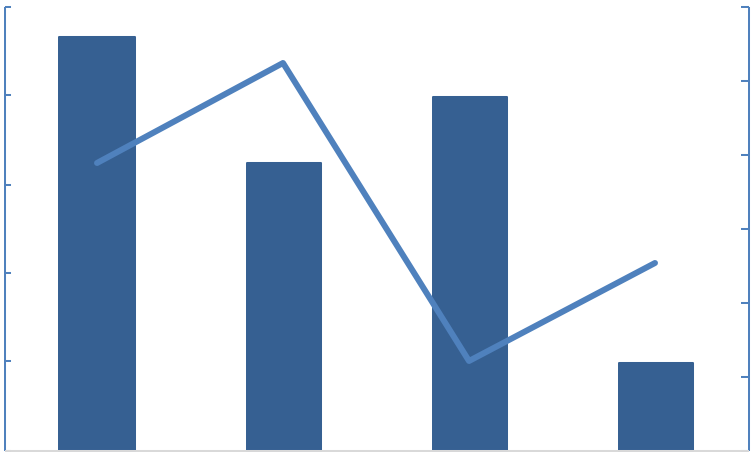
IDM

28 IDM



5 2020

2019		
1	702.44	IDM
2	561.97	IDM
3	SK 252.71	IDM
4	220.98	IDM
5	179.06	



wind

IPM			SBD	BCD	MEMS
3	9				6
247	/	8		133	/
2019	6	30		2428	
1325			1173	152	282

7				
1	MOSFET	MOS	29	80
		VDMOS	33	2
			37	
		MOS	7	5
			11	
2	IGBT	IGBT	76	2
			82	
3		SBD	16	5
			18	
		FRD	20	1
			11	
4	IC	IC	10	6
			9	
			4	

MEMS		35	41	6
		19		
5	IC	IC	15	3
		23		
		6		
		IC	19	2
		16		
		6		
LED	IC	18	49	18

2019	200	0	1800
------	-----	---	------

4.



2020 Wind

2018/2019

TMT
II

2020

/

2018

2019

300

6

15

5 15

-5 +5

5

300

6

5

-5 +5

5

16 5 B 5 248 46F 6009

100033

010-66554070

010-66554008