
1.				
40%+	.....			4
1.1.			.....	4
1.2.			.....	6
1.3.	IDM			
40%+7				
2.			.....	9
2.1.	IGBT		.....	10
2.2.	SiC	SiC MOSFET	GaN	.. 12
2.3.		IOT	....	15
3.	12		.....	18
4.			.....	19
5.			.....	20
6.			.....	20

1.

40%+

1

2

3

IDM

IDM

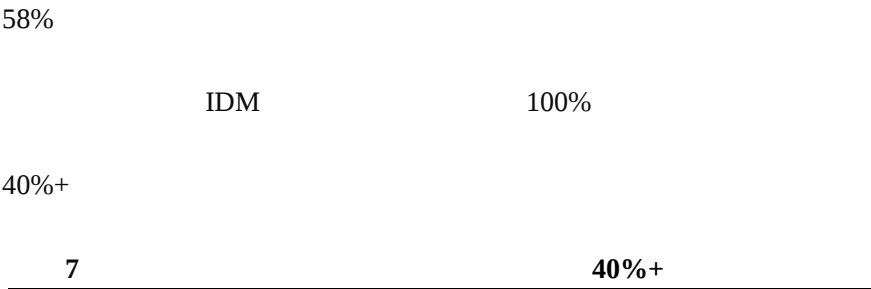
IDM

IDM

100%

40%+

1.1.



2.

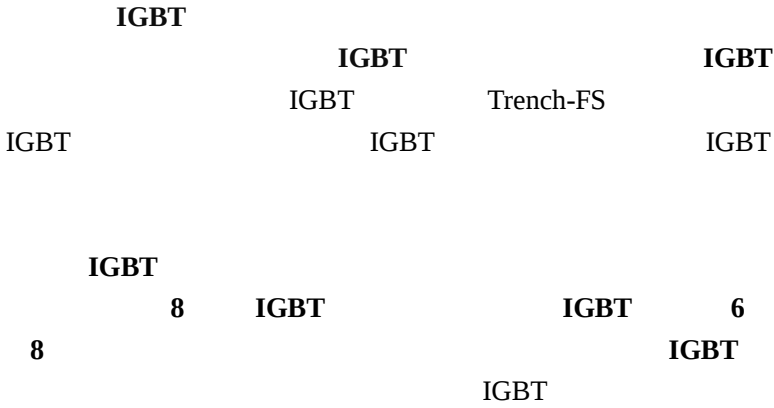


IDM
 a

b

c

2.1. IGBT



8 IGBT

IGBT

IGBT

IGBT

IGBT

76

21

2

82

53

600V-6500V

IGBT

4 IGBT

<600V	/
650V	/ /
1200V	/ / / / /
1700V	/
3300V	/ /
4500V	
6500V	/ / /

IGBT

IPM

MOSFET

IGBT

IPM

IPM

IPM

MOSFET

IPM

IGBT

MOSFET

IPM

IGBT

600V

15A

2019

IPM

MOSFET

IPM 500V 5A

IGBT

IPM

600V

15A

1200V

IPM

IC

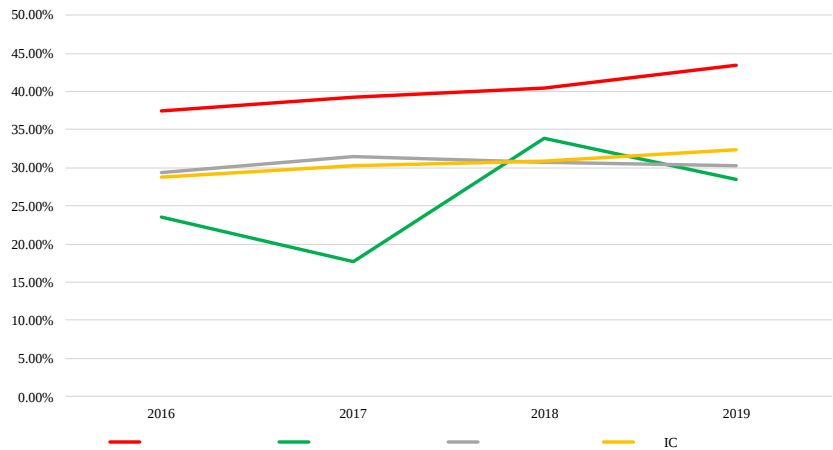
5:

IPM

CS5755MT	IPM	5A/500V	MOSFET
CS5753AT	IPM	3A/500V	MOSFET
DPM31560	IPM	15A/600V	IGBT

YQ

15 IDM



Wind

IDM

MEMS

MEMS

IDM

Yole Development 2017

MEMS

IDM

MEMS

6

8

23.1

8

BCD/MEMS

BCD

MEMS

1.6

MEMS

6

2019

8

MEMS

3

6

8

5G

Gartner

2014

37.5

2020

250

137.2%

3,000

MCU

60%-70%

IC

MEMS

Sensor Hub IC

Gartner

Yole

3. 12

12

12

8

%	14.00%	28.46%	10.04%	-	-	-
	5875.59	6270.80	5742.78	6440.23	7406.26	8887.52
%						

