
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.

58%

IDM

100%

40%+

7

40%+



2.

IGBT

1

MOS

IGBT

IDM

a

b

c

2.1. IGBT

IGBT

IGBT

IGBT

IGBT

Trench-FS

IGBT

IGBT

IGBT

IGBT

8

IGBT

IGBT

6

8

IGBT

IGBT

8 IGBT

IGBT

IGBT
 IGBT
 76
 21
 2 82
 600V-6500V
 IGBT
 53

4 IGBT

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

IGBT

IPM

MOSFET

IGBT

IPM

IPM

IGBT

MOSFET

IPM

MOSFET

IPM

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



Gartner

Yole

3. 12

12

12

12									
1							12		8
		2.25					12		
	8		2.25		2			12	

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

