..... - 3 -
1. ..... - 3 -
2. ..... - 3 -
3. ..... - 4 -
4. ..... - 5 -

1.

■

IC

4 6

2019

IDM

2.

■ IC

MOSFET IGBT SBD FRD IC

1100

500 IC

IDM

-100V 1500V MOSFET MOSFET

1

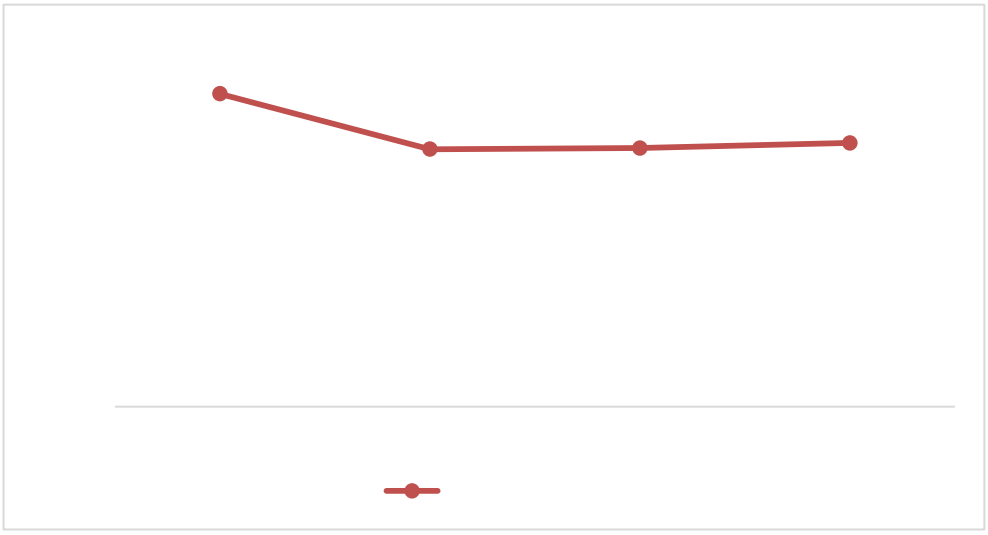
MOSFET	MOS MOS MOS MOS -100V-1500V
IGBT	600V-1200V
SBD	SBD SBD 45V-150V 200mA-30A
FRD	200V-6500V

2 2018

5



6



■

2016
44 2019 57.4 9.27%
2017 2017
52.41%
2019 57.43 5.28
8.42% 2019
80% 2020
30.63 16.03%

■

2016 2019
30% 44%
2019
2.26 2020

35%

2021 159 CAGR 4.8%

11

IHS Markit

■ IHS Markit

IC MOSFET IGBT 2018

60.98% 20.21% 13.92% 2018 MOSFET IGBT

27.92 19.23 2016 2018

15.03% 11.74%

IGBT

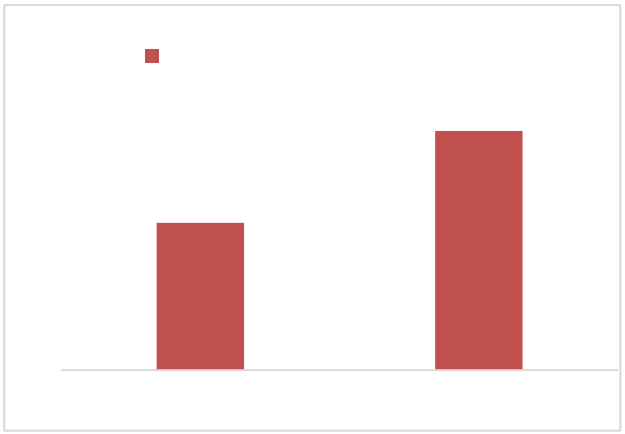
IGBT

2018 IGBT

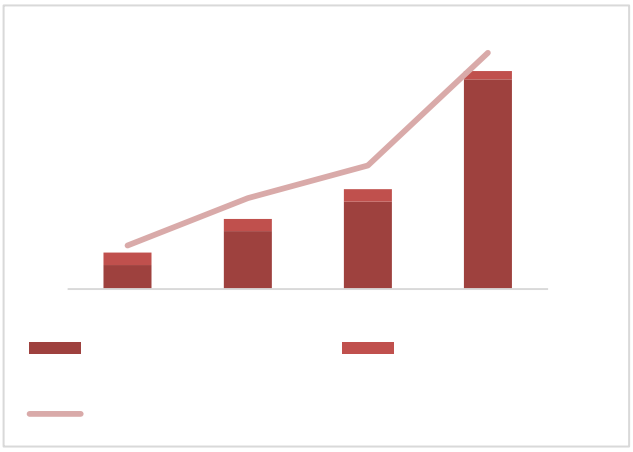
31%

15% 30%
10 20 20%
2022 65% 2017
MOSFET
12
2017 31.4 2022
68.6 17%

15



16



4.

■ IHS Markit 2019 MOSFET 76
39% 195 50%
IGBT MOSFET 30%

10

17 2017

Yole

■ 1

IGBT

MOSFET

2

18

	2018	2019	2020E

Wind

■ 2020-2022 68.05

80.03 91.47 9.5 13.3 15.5

EPS 0.8 1.1 1.3 PE 90

64 55 “ ”

19 Wind 2020 12 10