













---

---

[Redacted content]

---





---


---









---

---

---

ä

---



2011en-259107 A MCID 82-BDC89D2 q.000008871 0 595.32 879.92 re10V  
2.7%

---

34



265

15

695

35

355

17

/

/

“ p c



**IGBT**

IGBT  
2018 IGBT  
31% HIS Markit 2017 IGBT  
IGBT 50 IGBT  
2020-2025 CAGR 47.9 Yole 2019  
5%

2018 IGBT

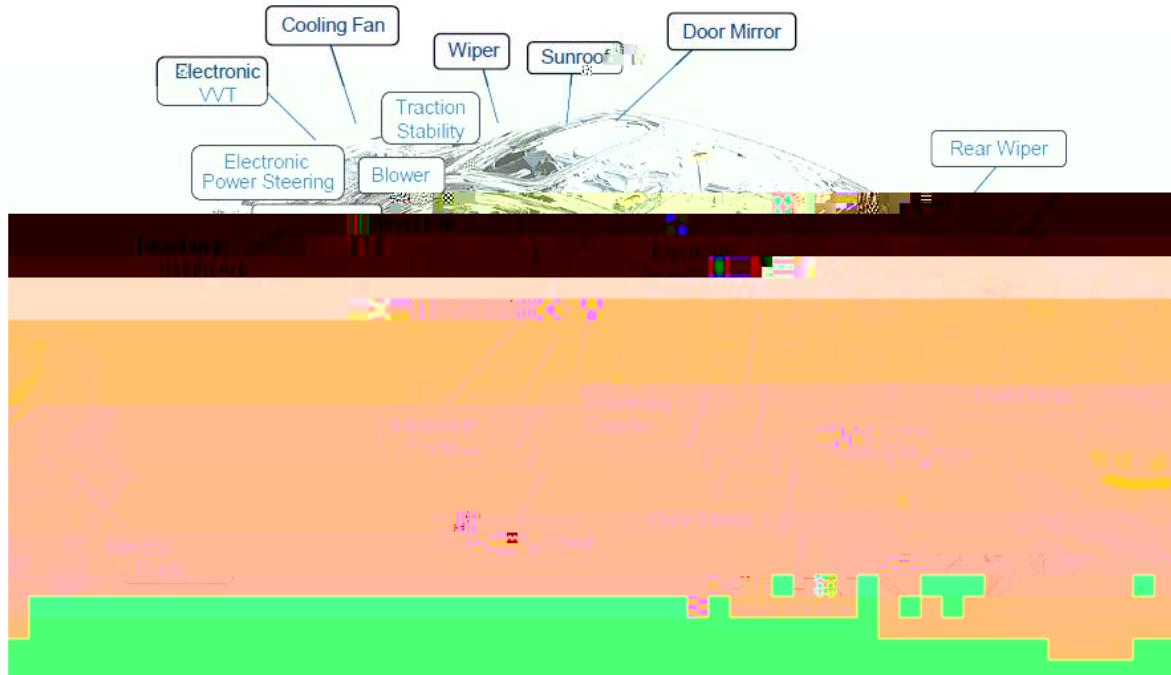
IGBT

Yole

**IGBT**

50%

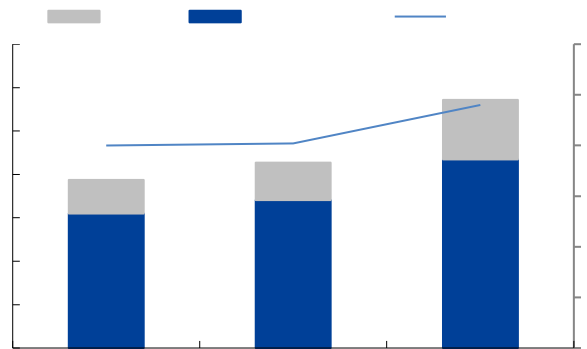
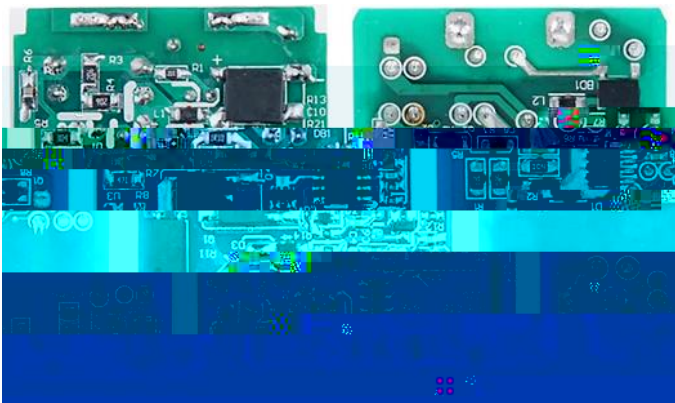




Diodes

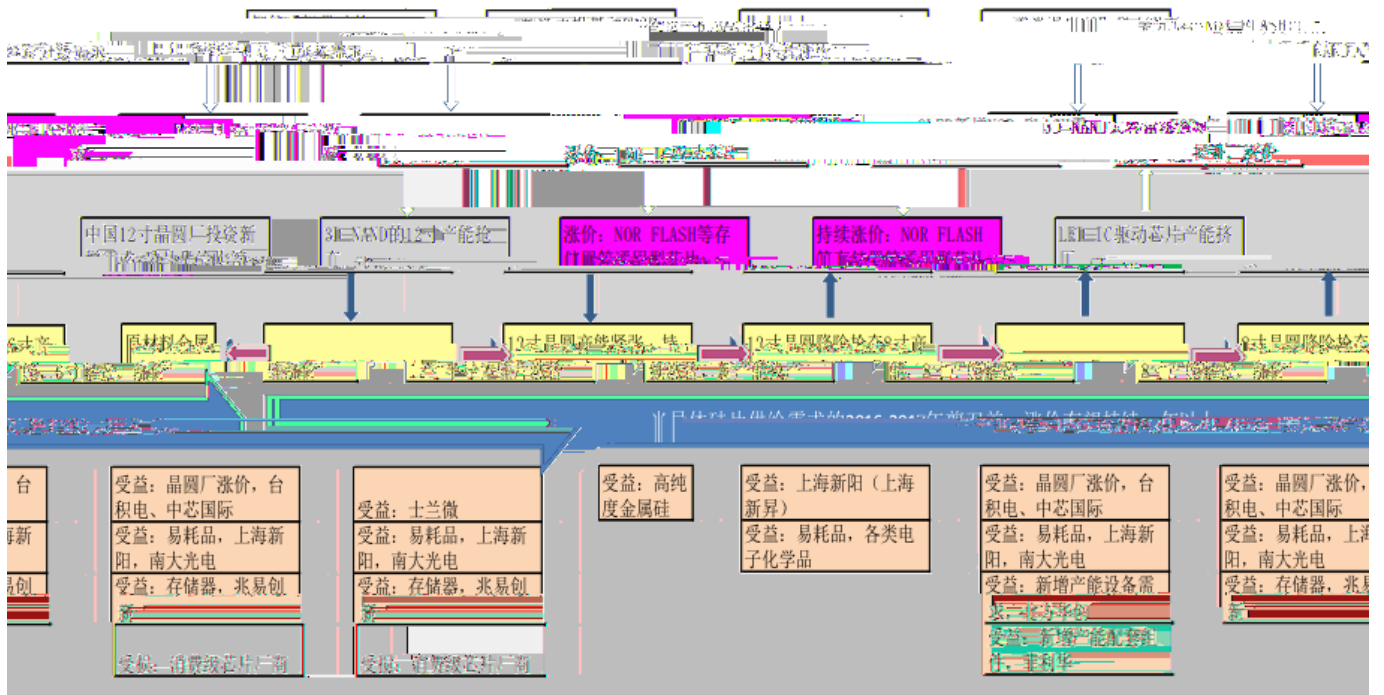
**MOSFET**

			iPhone 12	
	BCC Research	2017		85.49
20%		2022	27.4	24%
	MOSFET	MOS		
		MOS	MOS	



15%-30%





	12		2020					
		12	2001				SUMCO	2019
	12	602	/	12				DRAM
EXCHANGE		2019	DRAM		120	/	NAND	
190	/		12			2023	200	/













