

2020 6

688396

	6 5 9:00-11:00 6 11 8:30-9:30 6 11 10:30-11:30 6 11 13:30-14:30 6 11 15:00-16:00 6 16 13:30-15:30 6 16 16:00-17:00

6 18 16:00-17:00

Capital Group

6	22	10:00-12:00
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6 22 13:00-14:00

6	22	14:00-15:00
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	Ocean Arête
	6 5 9:00-11:00 6 11 8:30-9:30 10:30-11:30 13:30-14:30 15:00-16:00 6 16 13:30-15:30 16:00-17:00 6 18 16:00-17:00 6 22 10:00-12:00 13:00-14 00 14:00-15:00
	2019 45% 55% 55%

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12

12

IGBT

2019

1.4

MEMS

20%

5

3

247

8

73

8

60

8

8

2011

8

2019

3

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The bubble chart compares six semiconductor technologies across five criteria. The technologies are IGBT, BIPOLAR, SBD, FRD, MOSFET, and IC. The criteria are represented by vertical lines at 5, 15%, 100%, 1000%, and 10000% on the x-axis. The size of each bubble indicates its value for that criterion, with a legend showing that a bubble of size 5 corresponds to 5 and a bubble of size 15% corresponds to 15%.

Technology	5	15%	100%	1000%	10000%
IGBT	Small	Small	Small	Small	Small
BIPOLAR	Small	Small	Small	Small	Small
SBD	Small	Small	Small	Small	Small
FRD	Small	Small	Small	Small	Small
MOSFET	Small	Small	Small	Small	Small
IC	Small	Small	Small	Small	Small

The bubble chart displays the relative performance of various semiconductor technologies across five criteria. The technologies are represented by bubbles of different sizes and colors, with their positions indicating their performance levels on the five criteria axes.

Technology	5	15%	100%	1000%	10000%
IGBT	Low	Low	Low	Low	Low
BIPOLAR	Low	Low	Low	Low	Low
SBD	Low	Low	Low	Low	Low
FRD	Low	Low	Low	Low	Low
MOSFET	Low	Low	Low	Low	Low
IC	Low	Low	Low	Low	Low

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IGBT	Small	Small	Small	Small	Small
BIPOLAR	Small	Small	Small	Small	Small
SBD	Small	Small	Small	Small	Small
FRD	Small	Small	Small	Small	Small
MOSFET	Small	Small	Small	Small	Small
IC	Small	Small	Small	Small	Small

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IGBT	Small	Small	Small	Small	Small
BIPOLAR	Small	Small	Small	Small	Small
SBD	Small	Small	Small	Small	Small
FRD	Small	Small	Small	Small	Small
MOSFET	Small	Small	Small	Small	Small
IC	Small	Small	Small	Small	Small

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BIPOLAR	Small	Small	Small	Small	Small
SBD	Small	Small	Small	Small	Small
FRD	Small	Small	Small	Small	Small
MOSFET	Small	Small	Small	Small	Small
IC	Small	Small	Small	Small	Small

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BIPOLAR	Small	Small	Small	Small	Small
SBD	Small	Small	Small	Small	Small
FRD	Small	Small	Small	Small	Small
MOSFET	Small	Small	Small	Small	Small
IC	Small	Small	Small	Small	Small

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Technology	5	15%	100%	1000%	10000%
IGBT	Small	Small	Small	Small	Small
BIPOLAR	Small	Small	Small	Small	Small
SBD	Small	Small	Small	Small	Small
FRD	Small	Small	Small	Small	Small
MOSFET	Small	Small	Small	Small	Small
IC	Small	Small	Small	Small	Small

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