



2

1  
MO ALD/CVD K  
OLED  
1 MO  
MO LED  
MO MO  
MO 6N MO  
2 ALD/CVD  
ALD/CVD  
ALD/CVD 02 □  
ALD/CVD  
3 45 2019 SiO2 K OLED  
K MO LED IC  
2020  
MO  
FMM OLED  
2  
1 LED  
6N  
2

3

28nm 14nm 10nm

ArF

90nm-14nm

2017 2018

02

1,500

2020 12  
ArF

ArF  
ArF

1

2

3

4

1

2

5

1 MO  
1 MO  
MO

MO

MO MOCVD MO MOCVD MO MO

MO LED LED LED 90% MO MO

MO MO MO

2 SAFC Hitech Nouryon QYResearch 2019 MO

MO MO MO 75%

MO MO MO 30% QYResearch 2019

MO MO MO

2 MO 6N MO

1 LED

99.99% 6N 99.9999% 13%

2018 94%

2 88%

3 1

PCB LCD PCB LCD

193nm EUV 5 g 436nm i 365nm KrF 248nm ArF  
 KrF ArF EUV  
 SEMI 2018  
 ArF KrF g /i 93% 80% 61% 70%

2

ArF

02

ArF

ArF

3

1

	2020	2019		2018
	594,958,532.20	321,375,774.07	85.13%	228,174,901.45
	87,016,275.65	55,011,309.88	58.18%	51,242,336.32
	2,117,448.24	36,816,812.56	-94.25%	36,990,618.68
	127,535,709.85	278,637,203.63	-54.23%	129,826,444.64
/	0.22	0.14	57.14%	0.13
/	0.22	0.14	57.14%	0.13
	6.90%	4.60%	2.30%	4.19%
	2020	2019		2018
	2,673,036,909.39	2,212,142,970.41	20.83%	1,473,691,125.81
	1,318,874,865.76	1,219,720,240.86	8.13%	1,186,629,548.81

2

	119,471,810.12	142,323,212.34	167,498,457.44	165,665,052.30
	34,872,085.92	53,502,012.53	1,095,359.94	-2,453,182.74
	9,331,606.09	-7,730,398.26	2,434,049.94	-1,917,809.53
	-50,228,626.02	13,340,435.34	-6,456,049.97	170,879,950.50

4

1

10

	78,367		76,002		0		0
10							
		11.66%	47,461,643				2,160,000
		7.30%	29,684,200	25,263,150			
		7.03%	28,603,503				
		4.37%	17,772,920				11,000,000
		2.13%	8,672,550				
		1.75%	7,105,355				
		1.59%	6,461,400				
		1.12%	4,538,483				
		0.37%	1,503,454				
		0.36%	1,455,100				
			56,134,193			13.79%	

2

10

3

5

1

2020

73.60%

59,495.85  
8,701.63

85.13%  
58.18%

23,279.12

1

“ ”

EHS

2

MO

LED

3

247.54%

38.98%

2020

MO

2020

2.0

2021

K

MO

ALD

6N

ASML

ArF

2020  
ArF

2

ArF

4

MO

LED LCD IC

LED LCD IC

5

2020 11.51 / 9  
 230 44.19 /  
 7,516.40  
 3,000 4,500  
 2020

6

2020  
 3,400.7120 17,090.2855  
 2020 11  
 61,300.00

2

3

10%

MO	120,244,975.51	35,232,060.85	29.30%	-5.55%	-13.45%	-2.67%
	429,432,681.82	187,199,104.86	43.59%	162.48%	128.94%	-6.39%
	26,390,609.07	17,335,665.14	65.69%	6.35%	5.42%	-0.58%

4

5



6

7

1

1

2017 7 5 < 14 > ( [2017]22 )

2018 1 1

2020 1 1

2020 1

1

2

28

		1	2-4	5-12	13-24	24
%	0.5	3	5	25	50	100

		1	2-4	5-12	13-24	24
%	1	8	15	25	50	100

2020

2

3