

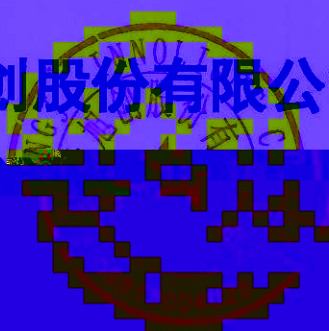
股票简称：中际旭创

股票代码：300308



中际旭创股份有限公司

ZHONGJI INNOLIGHT







“ ”

“ AA ”

“ AA ”

1

1-1-2



30% 10%

50% 5,000

30%

2

1

80%

2

40%

3

20%

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3

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5

**1**

**1      2017**

2018    5

2019 5 15	2018	2018
	509,833,844	10
1.23		62,709,562.81
		10 4
203,933,537		713,767,381
2019 5 28	2018	
	2019 6 3	2019 6 4
<b>3 2019</b>		
2020 4 22		
2019		
713,165,136	10	0.84
	59,905,871.42	
		2019
2020 6 23	2019	
	2020 7 1	2020 7 2
<b>2</b>		

	2019	2018	2017
	5,990.59	6,270.96	1,800.66
	51,348.72	62,311.60	16,150.54
	11.67%	10.06%	11.15%
			14,062.20
			43,270.29
			32.50%

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**1**

**2**

**3**

**4**

2019 5 17

3,000

1-1-6

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2019 9 1

**1**

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2020 1

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175

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13,304.14

7.99%

5



15%

"	"	2020	9	"	"	13%
13%						

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**1**

**2**

**3**

85%

**4**





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.....	<b>300</b>

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		InnoLight Technology USA, Inc.
		InnoLight Technology Pte. Limited
		InnoLight HK Limited
		InnoLight Technology (Thailand) Company Limited
		InnoLight Technology Pte. Limited Taiwan Branch
Avance		Avance Semi Inc.

W

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Google Capital Hong Kong Limited

		2017	2018	2019	2020	1-9		
		2017	12	31	2018	12	31	2019
		2020	9	30				

/								
SFP		SFP	GBIC		GBIC			SFP
			" mini-GBIC"					
XFP					850nm	1310nm	1550nm	
CFP					40-100Gbps			
QSFP		SFP		QSFP				
OSFP		SFP		QSFP				
IQC								
Burn in								
DCI								
AOC								
DWDM								
CWDM							16	
ASON								
SDH								
MSTP		SDH						SDH
		TDM	ATM					
EPON								PON

GPON		ITU-TG.984.x
OTN		
DOU		
BBU		
CU		
DU		
AAU		BBU AAU RRU
PAM4		
FTTH		FTTD
PCB		
Gbps		IEEE802.3 ( 1Gbps) 1000
PIN		P - -N
APD		
VCSEL		
FP-LD		
DFBLD		
EML		
GaAs/InP		
SiGe		Ge
CMOS		
CE		
CB		
RoHS		

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WEEE		
FDA		
FCC		
UL		
TUV		
IPTV		

	ZHONGJI INNOLIGHT CO.,Ltd.
	300308
	2005 6 27
	71,316.51
	0535-8573360
	0535-8573360
	265705
	<a href="http://www.zj-innolight.com">http://www.zj-innolight.com</a>
	<a href="mailto:info@zhongji.cc">info@zhongji.cc</a>

5G

1-1-21

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**1**

"

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**2**

300,000.00

300,000.00

**3**

100

**4**

6

**5**

**6**

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1

$$I=B \times i$$

I

B

" " " "

i

2

7

8

1



$$\frac{P_1}{2} = \frac{P_0 + A \times k}{1+n+k}$$

$$P_1 = P_0 / (1+n)$$

$$P_1 = (P_0 + A \times k) / (1+k)$$

$$P_1 = (P_0 + A \times k) / (1+n+k)$$

$$P_1 = P_0 - D$$

$$P_1 = (P_0 - D + A \times k) / (1+n+k)$$

$$\frac{P_1}{k} = \frac{P_0}{1+n} + \frac{A}{1+n+k} - \frac{D}{1+n+k}$$

/

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9

$$Q=V/P$$

Q

P

V

10

1

85%

2

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11

1

2

130% 130%

3,000

$$IA=B \times i \times t/365$$

IA

B

i

t

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12

1

70%

2

$$IA=B \times i \times t/365$$

IA

B

i

1-1-27

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t

**13**

**14**

**15**

**16**

1

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" AA "

" "

" AA "

1

2


	T-2	
	T-1	A
	T	A

	T+1	
	T+2	
	T+3	
	T+4	

	0535-8573360
	0535-8573360

	618
	021-38031866
	021-38670666

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	6 SK 28/31/33/36/37
	010-59572288
	010-65681022/1838

	( )
	202 2 11
	021-23238888
	021-23238800

	8 401
	021-52402166
	021-62252086

	7008 3
	0755-82872897
	0755-82872897

	2012
	0755-88668888

	0535-8573360
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	2012 22-28
	0755-21899999
	0755-21899000

2020 11 30

254,779 0.04%

443,0250 0.06%



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2019	5	17	3,000
2019	9	1	

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2020 1

175

13,304.14

7.99%

1-1-37



15%

"	"	2020	9	"	"	13%
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13%

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60

85%

1-1-39



AA

AA

1-1-40

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2020 9 30

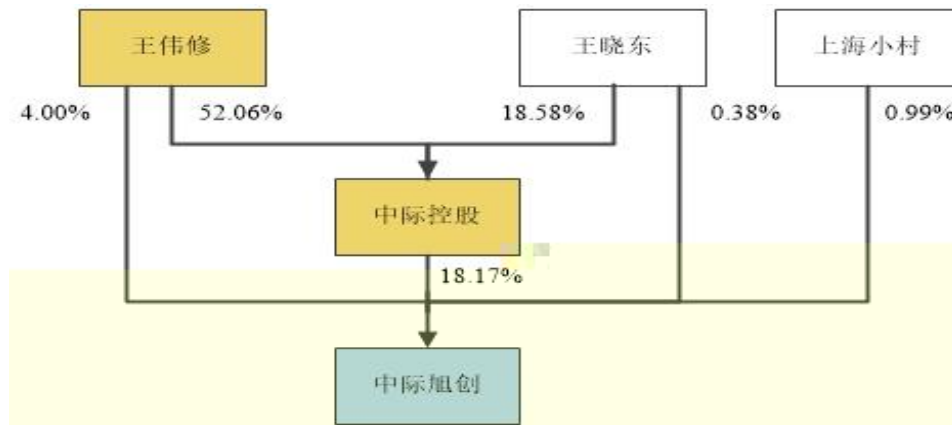
713,165,136

		%
	679,528,463	95.28
	33,636,673	4.72
	0	0.00
	33,454,673	4.69
	182,000	0.03
	<b>713,165,136</b>	<b>100.00</b>

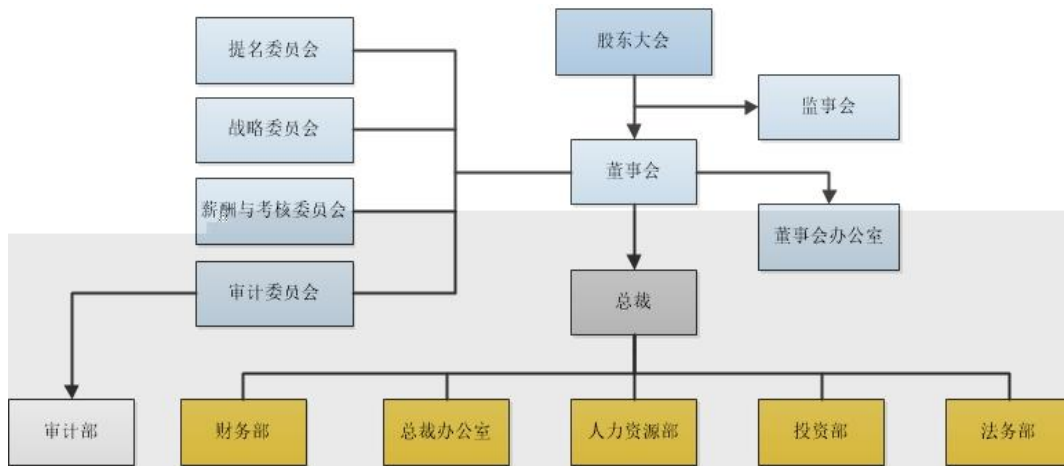
2020 9 30

		129,564,140	18.17%	0	0
		60,471,383	8.48%	0	0
		50,239,391	7.04%	0	18,411,399
		28,560,469	4.00%	0	1,769,200
		28,508,022	4.00%	23,094,731	0
		23,539,230	3.30%	0	6,427,467
GIC PRIVATE LIMITED		20,218,495	2.84%	0	0
		20,067,541	2.81%	0	0
		18,719,624	2.62%	0	0
		17,243,103	2.42%	0	0
		<b>397,131,398</b>	<b>55.68%</b>	<b>23,094,731</b>	<b>26,608,066</b>

2020 9 30



2020 9 30



1

2020 9 30

1

	2008 4 14
	197,258.46
	197,258.46
	8
	100%

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		<b>2020 9 30</b>	<b>2019 12 31</b>
		981,387.86	813,106.35
		524,790.02	470,057.44
		<b>2020 1-9</b>	<b>2019</b>
		570,958.87	530,931.25
		51,212.89	617,16.06

2019 12 31 /2019 )  
 30 /2020 2020 0117 ;2020 9  
 2

	2017 11 28
	5,000
	5,000
	100%

		<b>2020 9 30</b>	<b>2019 12 31</b>
		63,070.85	51,118.63
		51,278.77	42,058.79
		<b>2020 1-9</b>	<b>2019</b>
		5,378.11	12,667.46
		-874.62	-4,736.53

2019 12 31 /2019 )  
 XYZH/2020JNA20012 ; 2020 9 30 /2020

2

1

2020 9 30

		2009-11-11	10,300	67.19%
		2017-10-25	118,539.7	100%
		2012-08-25	330	100%
		2018-09-21	1,500	100%
		2018-12-04	0.1	100%
		2019-08-26	1.49	99.99%
		2018-09-21	500	
Avance		2020-02-06	300	100%
		2019-03-04	10	100%
		2019-11-26	5,000	100%
		2019-12-04	5,000	100%
		2020-04-08	1,000	100%

2

	2019	/2019-12-31	60,323.08	25,479.66	52,872.62	1,871.10
	2020	1-9 /2020-09-30	67,589.99	26,657.03	21,438.76	1,475.64
	2019	/2019-12-31	120,985.52	49,279.72	53,026.18	4521.09
	2020	1-9 /2020-09-30	148,598.46	74,076.48	114,499.64	7,251.33
	2019	/2019-12-31	888.36	474.73	-336.87	-38.35
	2020	1-9 /2020-09-30	874.21	510.65	249.71	28.87
	2019	/2019-12-31	2,824.23	1,557.31	833.99	69.74
	2020	1-9 /2020-09-30	3,272.33	2,765.51	6,657.91	1,208.19
	2019	/2019-12-31	200.00	183.00		-17.00
	2020	1-9 /2020-09-30	200.00	183.00		
	2019	/2019-12-31	2,945.67	50.53	929.65	35.35
	2020	1-9 /2020-09-30	3,929.39	227.22	4,619.83	277.75
Avance	2019	/2019-12-31	-	-	-	-
	2020	1-9 /2020-09-30				

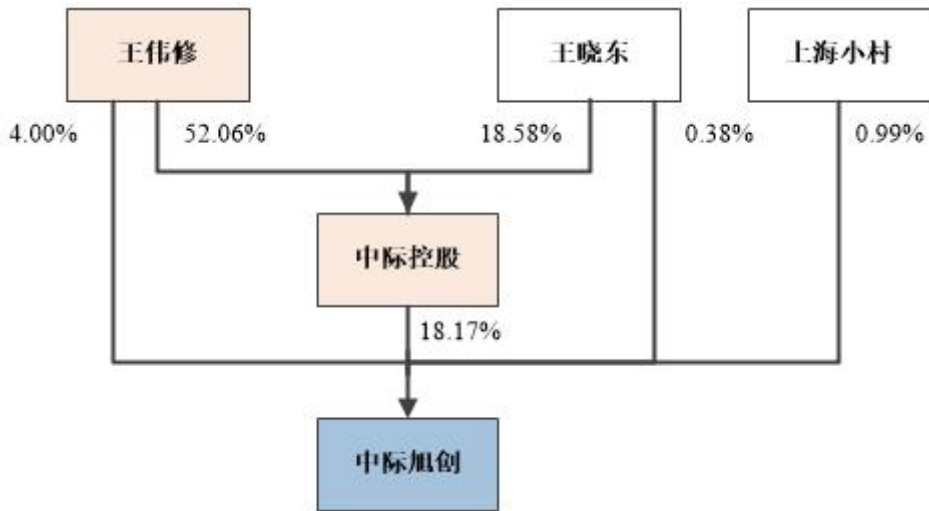
3

2020 9 30

		2018-08-24	101,000	2.97%
		2020-01-21	100,000	3%
		2018-02-07	1,250	20%
		2009-09-30	901	5.66%
		2018-03-29	12,882.4	82.79%
		2019-09-05	609.1288	3.10%
		2018-08-29	68,200	1.47%

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2020 9 30



23.54%

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	2,000	
	1999 01 18	
	91370681706399244W	
		<b>2019 12 31</b>
		87,857.81
		-32,137.22
		<b>2019</b>
		0.00
		-4,326.08

( )

[2020] 17-00071

2020 9 30

1		10,412,875	52.06%
2		3,715,000	18.58%
3		787,125	3.94%
4		650,000	3.25%
5		600,000	3.00%
6		600,000	3.00%
7		550,000	2.75%
8		300,000	1.50%
9		215,000	1.08%
10		200,000	1.00%
11		200,000	1.00%
12		140,000	0.70%
13		170,000	0.85%
14		160,000	0.80%
15		150,000	0.75%
16		100,000	0.50%
17		100,000	0.50%
18		100,000	0.50%

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19		100,000	0.50%
20		100,000	0.50%
21		90,000	0.45%
22		90,000	0.45%
23		80,000	0.40%
24		60,000	0.30%
25		50,000	0.25%
26		50,000	0.25%
27		50,000	0.25%
28		40,000	0.20%
29		40,000	0.20%
30		40,000	0.20%
31		30,000	0.15%
32		30,000	0.15%

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2020 9 30

1		1999-01-08	2,000			52.06%

2020 9 30

	187					
				2019 4 10	12	2019 4 10
						2020 4 9
	113					

	- 1	- -				
			25%	2012 10	4	
			25%	2012 10	4	
			25%	2012 10	4	

			25%		2012 10	4
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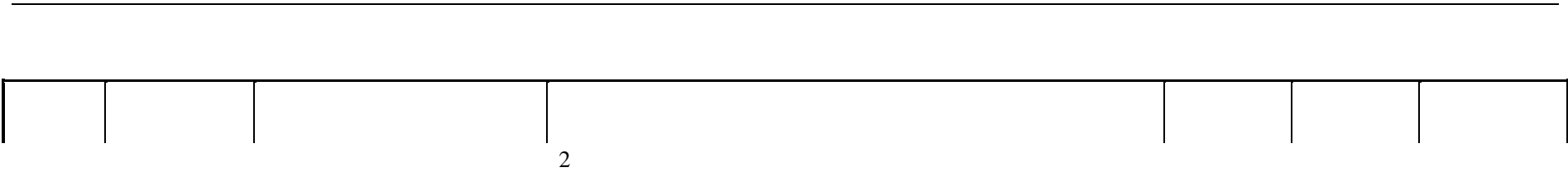
					2012 4 10	
					2012 4 10	
					2012 4	

			/	10		
			/	2012 4 10		
			11	2012 4 10		
			11	2012 4 10		
				2018 6	2019 6	

					20	19				
			6		2018 11	9 4	2019 3			
			6		2019 5	3 4	2019 9			
			7,500	15,000	48.92 / 12	36	2019 6	6	2019 11	18

					2019 7 23	2020 7 22
					2019 11 09	2020 11 08
			5G		2019 11 09	2020 11 08
			2019 12 19			
			18	3,434,852	2019 12	
			0.4812%	"	12	2019 12 20
						2020 12 19

			2019	12	20	
			1	/		
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			2	/		
			3	/	/	
			/	/	/	
			/	/	/	2016 11 25
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			5	/		
			1	/		2016 11 25



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	InnoLight Technology HK Limited ITC Innovation		1  / /			
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			3  / /		2016 11 25	
			4  / /			
			5 InnoLight Technology Corporation / / / /			
				/ / / /		

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				/	/				
			6					10%	
				/	/				
						10%			
				/				/	

			1 36			
			2			
			3		2017 07 14	2020 7 13
			4			
	InnoLight Technology HK Limited ITC Innovation		1 36 2018			
			2		2017 07 14	2020 7 13
			3			

			1	60		
					60	2017 08 11 2022 8 10
			2	5%		
			12			
				60		2017 8 11 2022 8 10
					5	
					60	
					60	2017 08 11 2022 8 10
					/	

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			60

InnoLight  
Technology  
HK Limited  
ITC  
Innovation

/ /

2017 8



			<p>1 Innolight USA, Inc.</p> <p style="padding-left: 100px;">3 Innolight USA, Inc.</p> <p style="padding-left: 150px;">Innolight USA, Inc.</p> <p style="padding-left: 100px;">Innolight USA, Inc.</p> <p style="padding-left: 150px;">Innolight USA, Inc.</p> <p>2 Innolight USA, Inc.</p> <p style="padding-left: 100px;">Innolight USA, Inc.</p> <p>Innolight USA, Inc.</p> <p style="padding-left: 150px;">Innolight USA, Inc.</p> <p style="padding-left: 100px;">Innolight USA, Inc.</p> <p>2 Innolight USA, Inc.</p> <p>Innolight USA, Inc.</p> <p style="padding-left: 100px;">Innolight USA, Inc.</p> <p style="padding-left: 150px;">Innolight USA, Inc.</p> <p>USA, Inc.</p> <p style="padding-left: 100px;">Innolight USA, Inc.</p> <p style="padding-left: 150px;">Innolight USA, Inc.</p>	2017 11	8	2022 10	8
			1	2017 11	8	2022 10	8

			2	3		
			2			
				/ /	2017 8 11	2022 8 10
			1	36	2017 08 11	2020 8 10

			2			
			/ /			
			3	/ /		
			4	/ /		

	187					
				2019 4 10	12	2019 4 10
						2020 4 9
	113					

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			4	D	C	B
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					2012 4	
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					2012 4	
					10	

					2012 4 10	
			/		2012 4 10	

			/	2012 4 10	
			11	2012 4 10	
			11	2012 4 10	

2018 6 2019 6  
20

					11	4
			6		2019 5	3 2019 4
			7,500	15,000 48.92 / 12 36	2019 6	6 2019 18
					2019 23	7 2020 22
					2019 09	11 2020 08

			5G		2019 11 09	2020 11 08
			2019 12 19  18  0.4812%  2019 12 20	3,434,852 " " 12	2019 12 20	2020 12 19

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Osa Chou-ShungMok	

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1971 7

(TEEC)

Pine Photonics

Communications

Opnext Inc.

2008 5 2017 6

2016

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2017 7

2017 10

2020 7

2017 8

1976 12

2015

3 2016 1

2016 1

2018 3

2017 11

2016 1

2017 9

1970 4

1970 7

2017 9

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1955 4  
1993 2 1995 5  
1995 5 2000 9 Omni Vision  
2000 5 2008 3  
CTO 2008 3 2009 12 2017 9

1969 5

1994

1996 7

2019 2

1973 8

, 1996 7 1999 9

1999 10 2010 9

2009 9 2015 9

2015 2 2017 5

2011 9 2018 4

2020 12

1965 11

1987 7

2018 7

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1960 11

2008 1 2010 8

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2010 3 2010 10  
2010 10 2016 2  
2010 10 2017 8 2017 9  
2016 2  
1971 10  
1990 1997 1997  
2017 9

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2010

1-1-83








2020 9 30

1		28,508,022
2		2,464,539
3		2,734,435
4		-
5		-
6		-
7		-
8		-
9		-
10		-
11		-
12	Osa Chou-Shung Mok	-
13		210,000
14		315,000

1

2016 12 31

7

1 2017 4 20

2 2017 5 31 2016

3 2017 8 22

2017 8 21

4 2017 9 6 2017



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2 2017 8 22  
2017 8 21

3 2017 9 6 2017

**3**

2016 12 31 6

1 2017 5 31

2 2017 8 21

3 2018 1 3  
2018 1 2

4 2018 1 22

5 2018 1 23

6 2018 3 26

Osa

Chou-Shung Mok

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7 2018 3 27

8 2020 6 10

" C39

"

" C76

"

**1**



2

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		2020	
2020 3 4		2020	5G
" 5G+ " 512		2019	5G 5G " 5G+ "
		2018	" " " " " "
2018-2022		2017	25Gb/s DFB 200G 400G
		2017	2016-2018 " " 4
		2017	1.2 / 92 9022
		2017	2020 5G 98% 70% 85% 12Mbps
" "		2016	" "
2016 2020		2016	2020 "

		2016	
		2015	
		2015	
" 2015	"	2014	"
		2014	
"	"	2014	" "
		2013	2015 100Mbps 95% 20 Mbps 4Mbps
"	"	2013	2015 2020
		2013	
"	"	2012	2020 100Mbps 1,000Tbps
"	"	2012	
		2012	" "
"	"	2012	" " " "
"	"	2012	"
"	"	2012	Fttx

2009

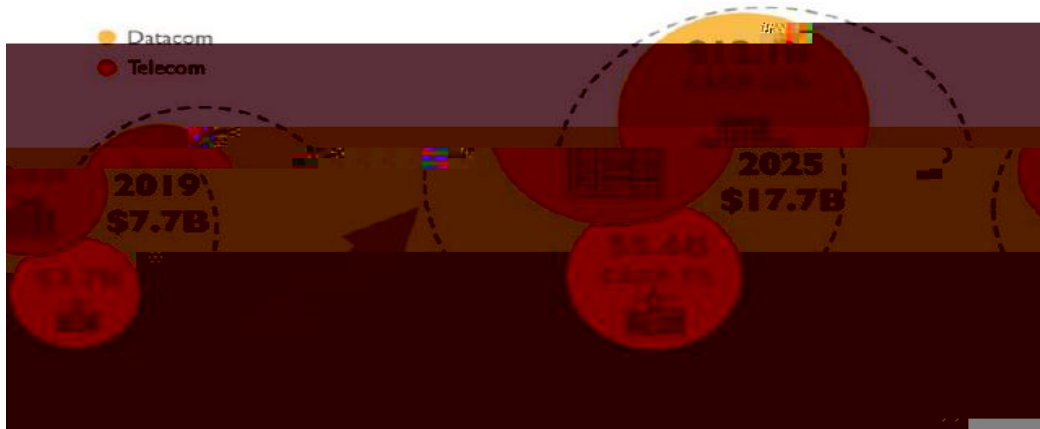
2011 " "

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1

2018

63 Yole 2019 77  
 22.22% 2020 Omdia  
 ICP 100G 400G  
 DCI 400G AI  
 AOC DWDM  
 2020 83 7.79% 2025 Yole  
 2019 77 177  
 2019-2025 15 2019  
 40 2025 121 20%

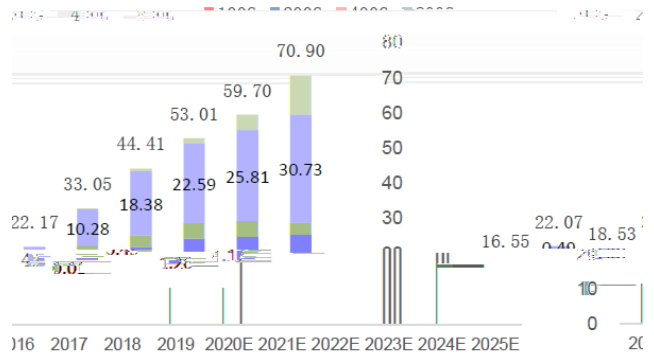
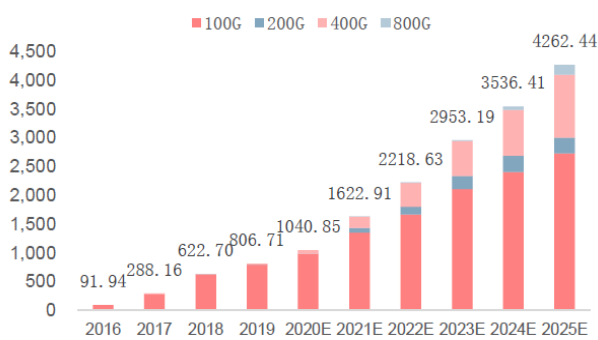


Yole

40/100G 100/400G 2020 400G  
100G

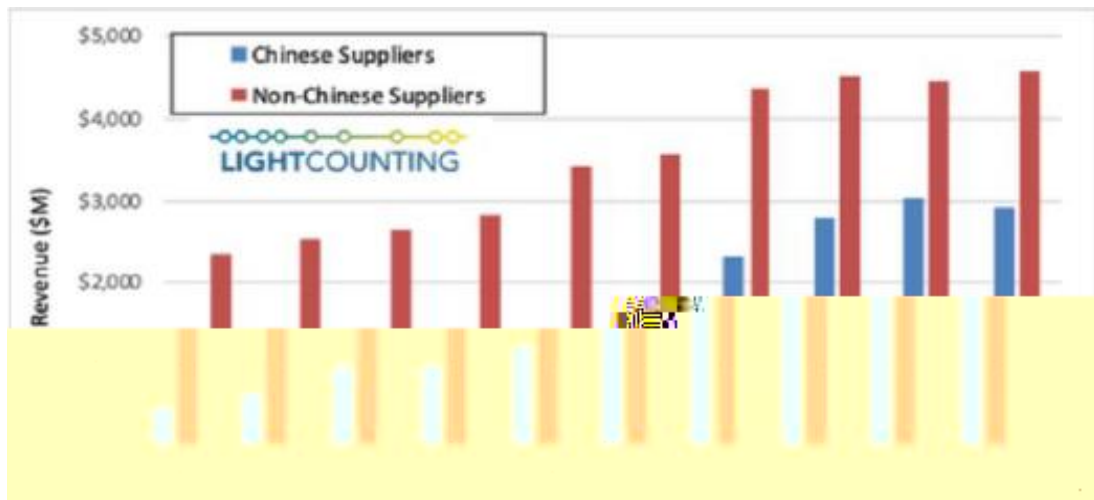


Lightcounting 2020 400G 60 2021  
200 2021 400G 10 2020  
140% 400G 100G 100G  
100G 2020 14% 20  
200G 2021 80  
100G 100G

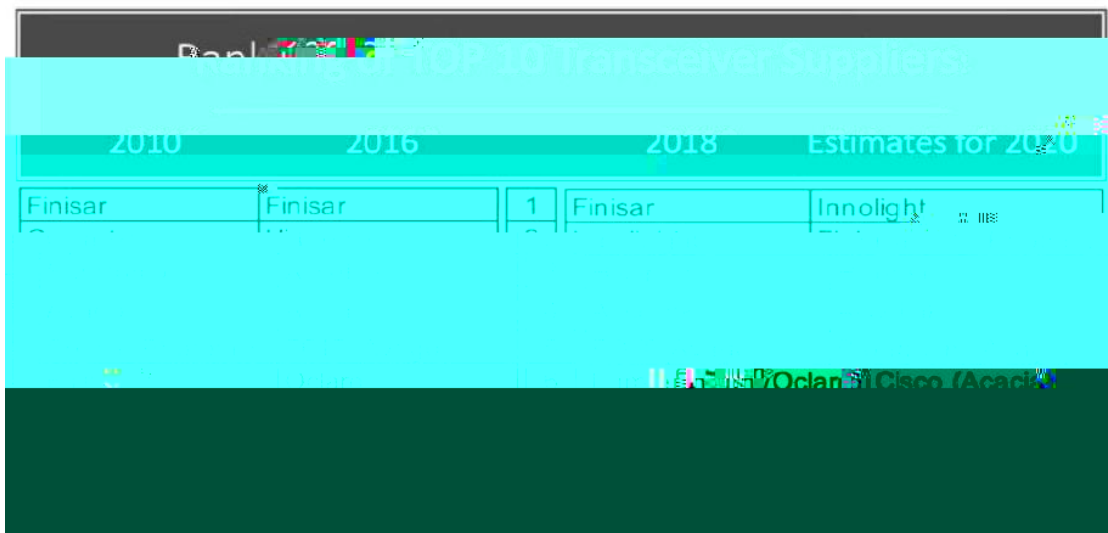


Lightcounting

2010 5 2018 30 2019 2020  
5G Light Counting  
2020



Light Counting



Light Counting

9%

Finisar

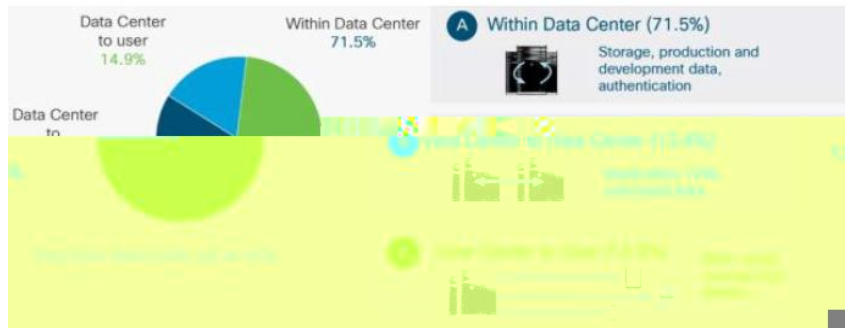


Datacenter



GCI2016-2021

2021



GCI2016-2021

IT

A.

2020				
Amazon	Microsoft	Google	Facebook	2020
252.5		36.6%	20.5%	

---

	Amazon	110.63	136%
2020		100%	
	Microsoft	49.07	
45%			
Facebook			

1/10

1/10

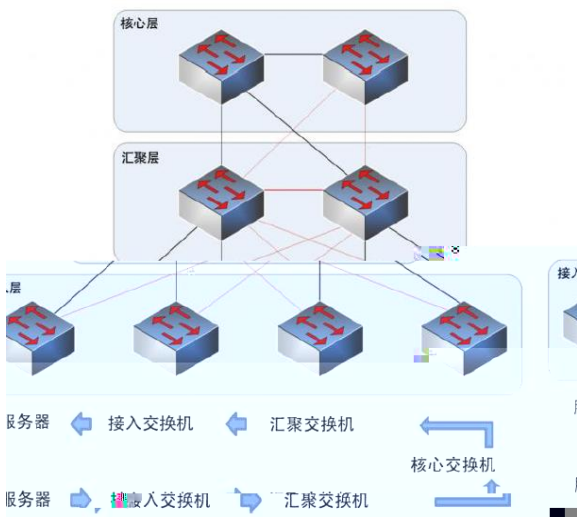
10 1

2021

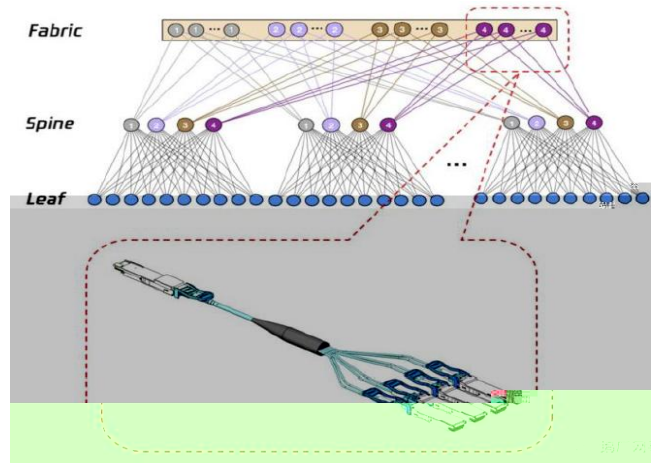
85%

71.5%

13.6%



### Leaf-Spine



Wind

25/100G 50/200G/400G

	8.8	9.2	44 /48

51CTO

C.

2017

25G/100G/400G

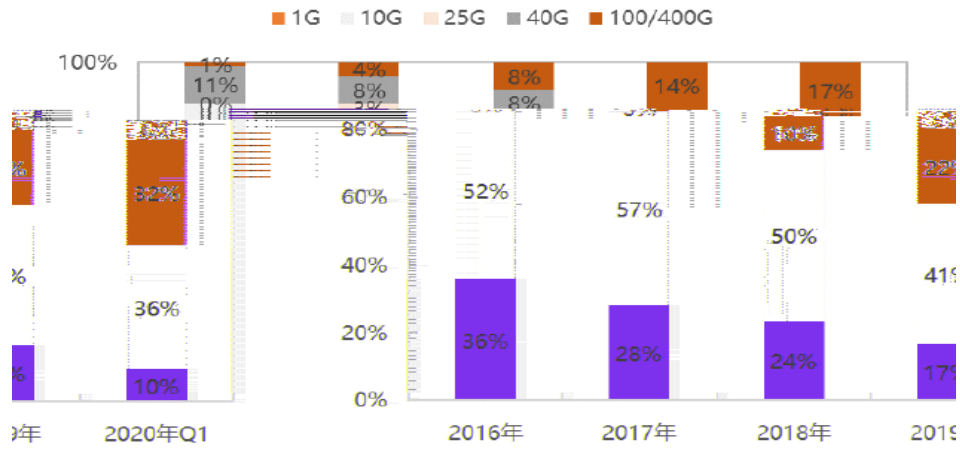
2017

1-1-100

7% 2020

50%

2016 -2020 Q1



Gartner  
100G/400G

40G

2020 -2023

100G

2023

33,766

30%

2018

8%

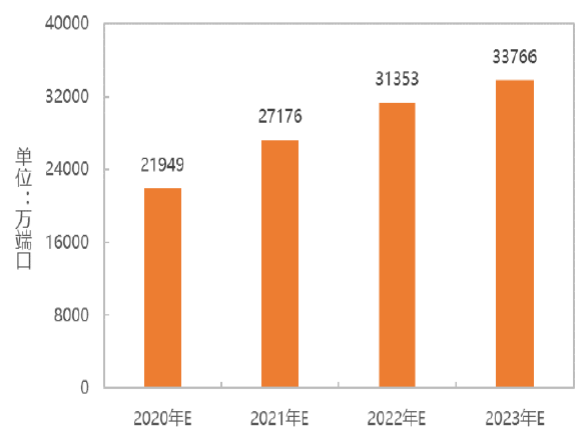
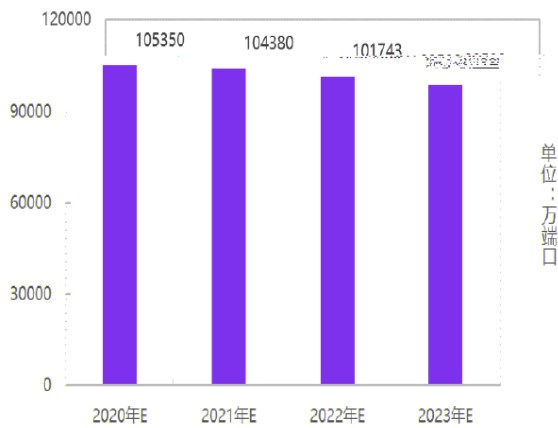
22

2-3

100G

100G

100G



Gartner

10Gbps

3m

1

100G

2

3

100G 200G 400G 800G

5G

A.

5G



IP ATM

" "

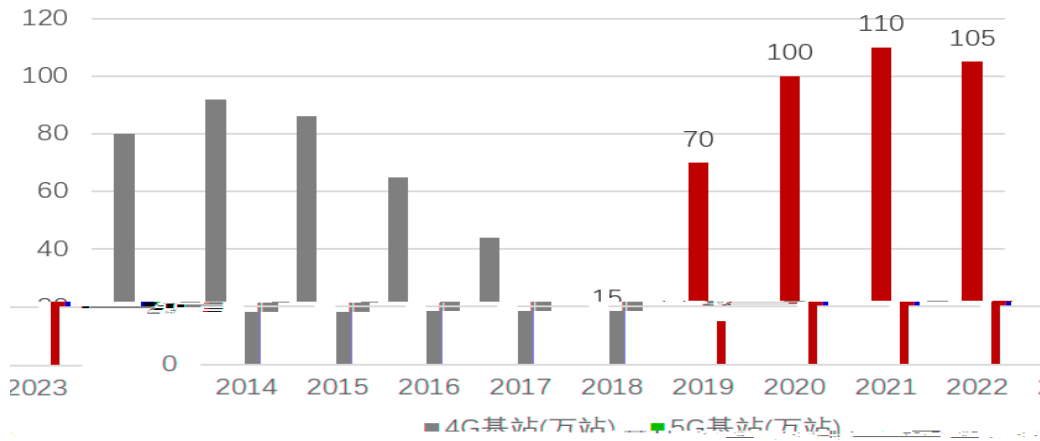
	- -	DWDM ASON
		SDH MSTP
		EPON GPON

2014 100G OTN 25%  
100GOTN 100G  
100G 2020 4  
200G  
200GOTN 200G

**B. 5G**

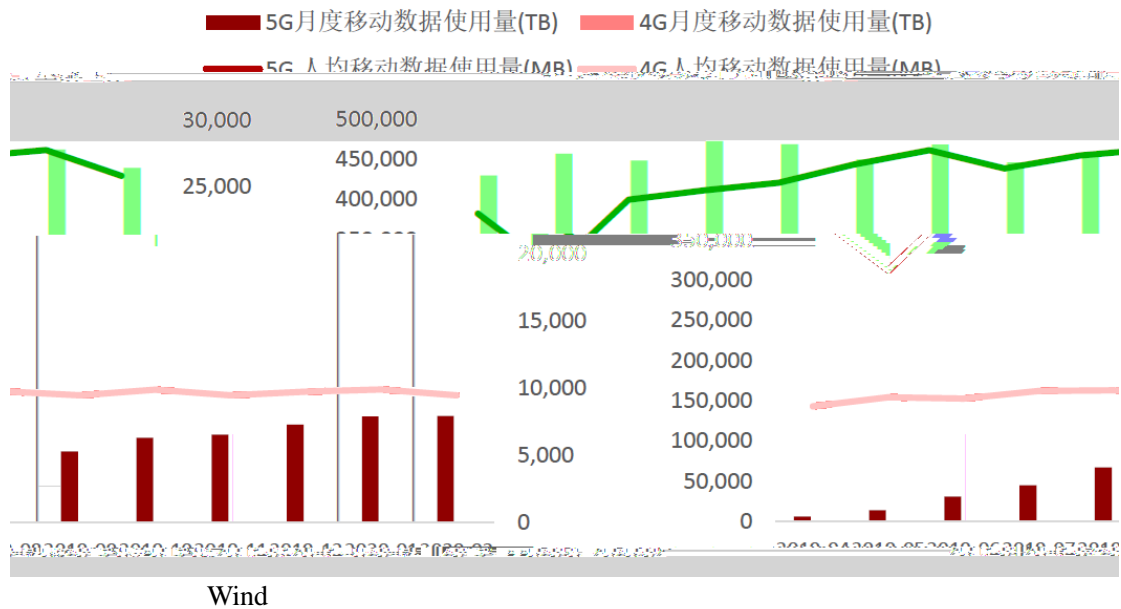
2020 5G 5G  
" " 2020  
5G 5G  
2020  
5G  
2019-2023 5G  
400 5G 2,600

### 5G



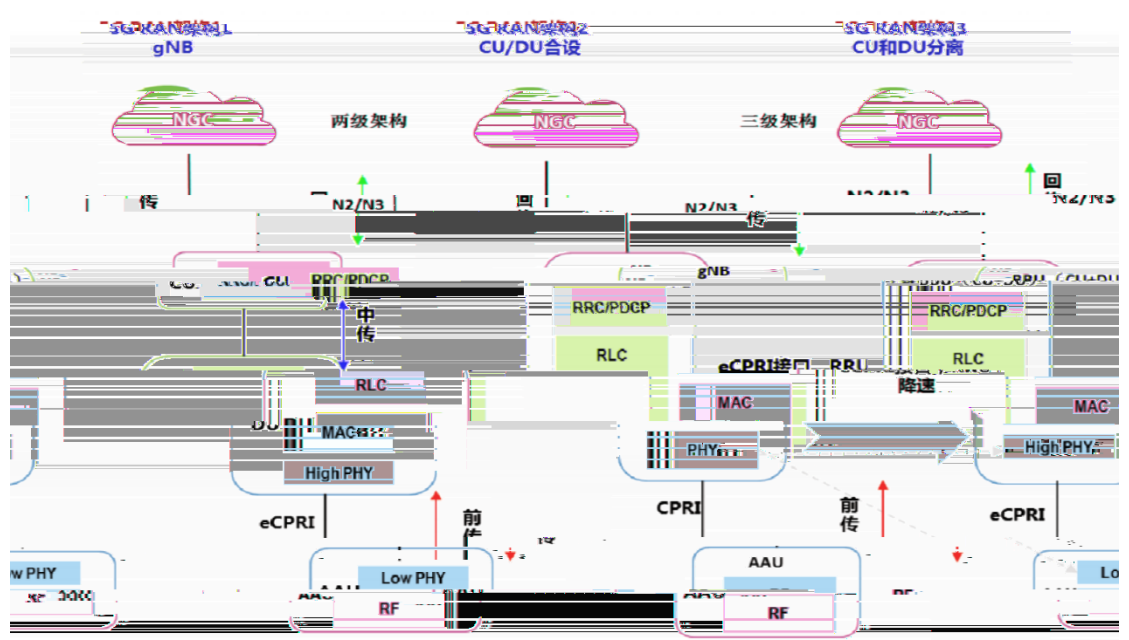
Year	5G DOU (GB)	4G DOU (GB)	5G/4G Ratio
2019	25.22	22.24	1.14
2020	8.88	2.72	3.27
2021	132,057	9,260	14.37
2022	105,000	20,000	5.25

### 4G 5G



5G		5G		BBU	
CU+ DU		CU DU			
				4G	
6G	10GSFP+ 80%	1.4km 20%	10km 4G		
GE		10G		100G 5G	
2020				AAU DU	
10G	25G	DU CU			
		10G/40G		100G	100G 400G
2019	5G	4G		BUU	DU
CU				2020	5G CU
DU					

5G



NGOF

5G

4G      6G 10G      25G 50G

200G    400G

2018

7,000

5%

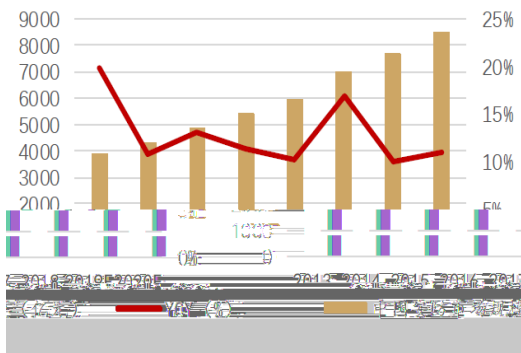
2018

359.2

2012-2018

26.8% 2019

455



20%

5

---

**A.**

VCSEL FPLD DFBLD EML

PIN APD

**B.**

X-Y-Z

IC

GaAs/InP

SiGe

**C.**

100G 400G

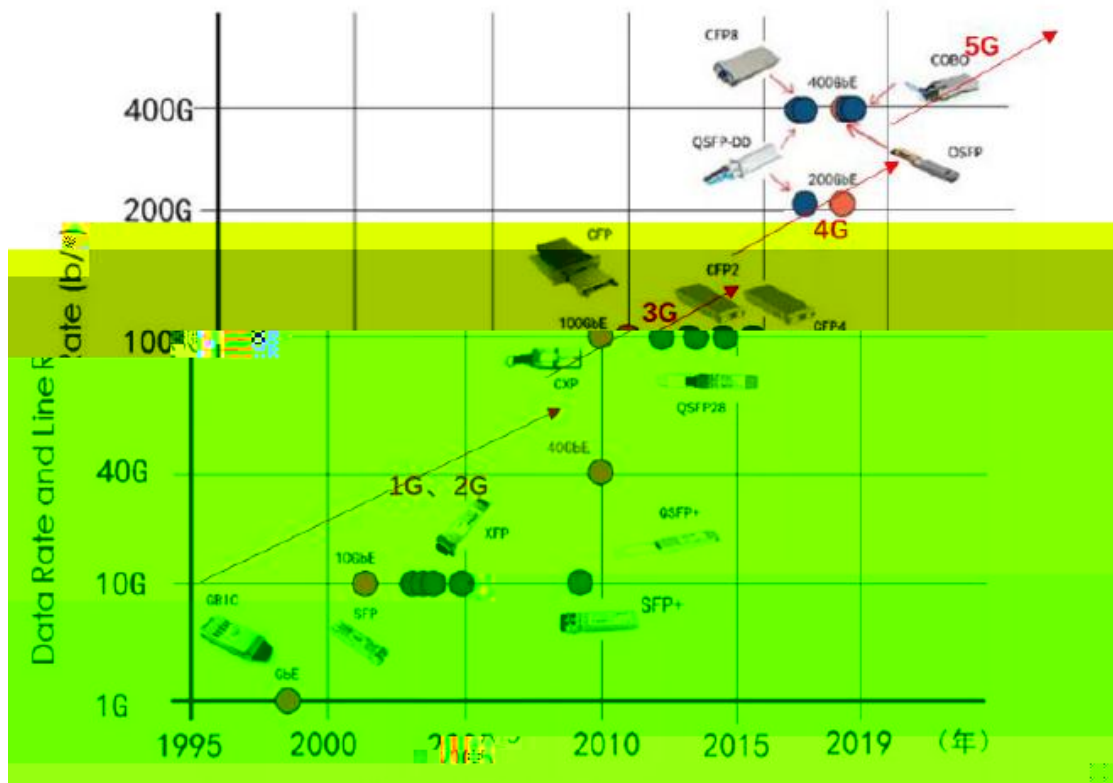
D.

100

1550 (

1530

1565nm)



100G

400G/800G

---

CMOS

/

400G

PAM4

DRIVER MUX

400G

Luxtera

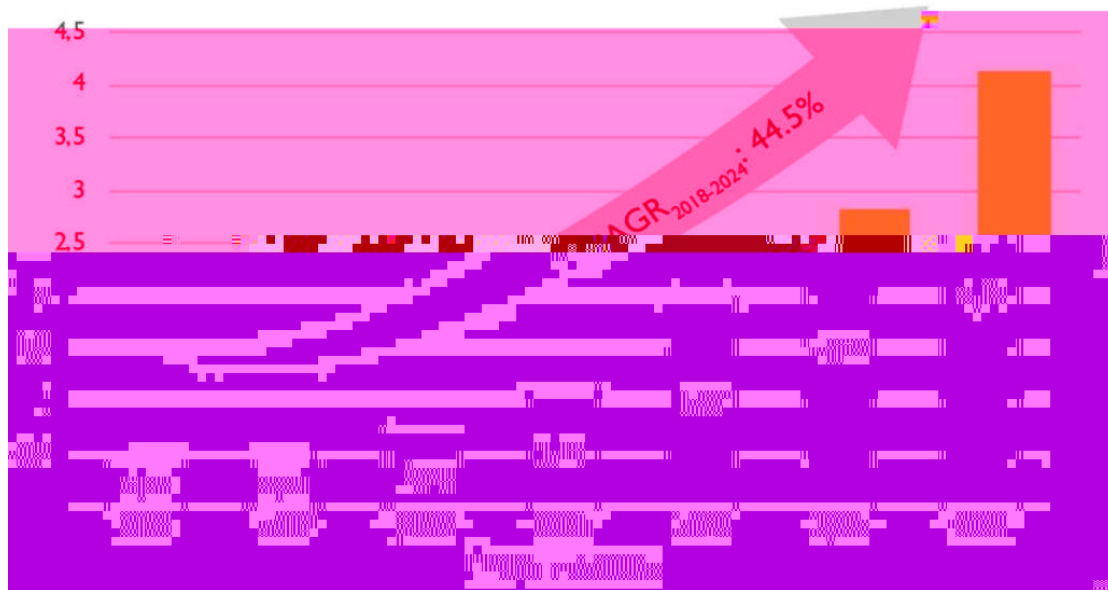
Intel Intel 100G 400G  
Intel 400GQSFP-DDDR4 DR4 400G InP  
1 4 Breakout 100GDR1/FR1  
400G

WDM

Yole

2018 -2024 44.5% 2018  
4.55 2024 40 21%  
2018 10 DCI

2018-2024



Yole

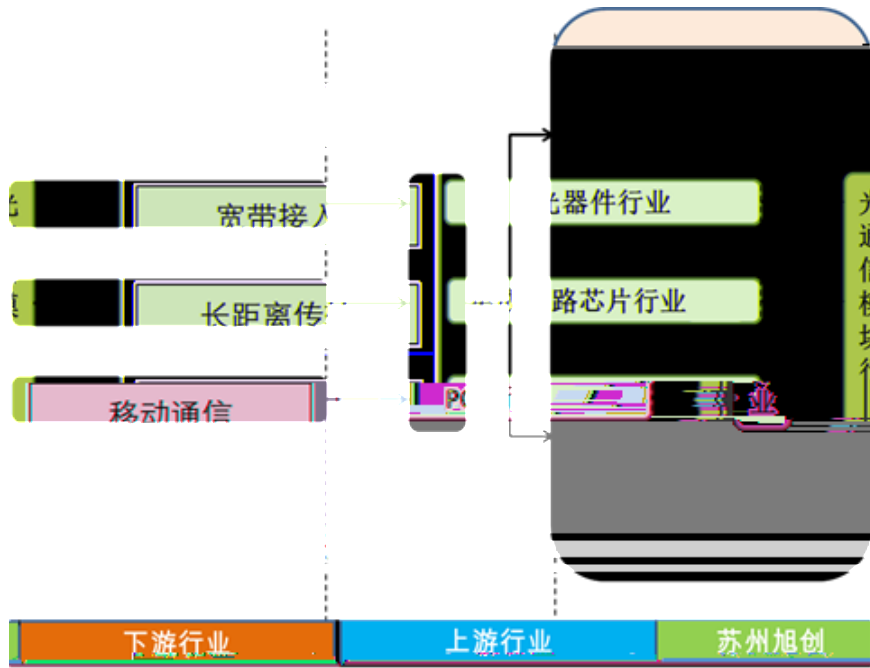
2

1

2

1

PCB



1

PCB

PCB

2

5G

---

2

1

2

85%

1

1



---

2

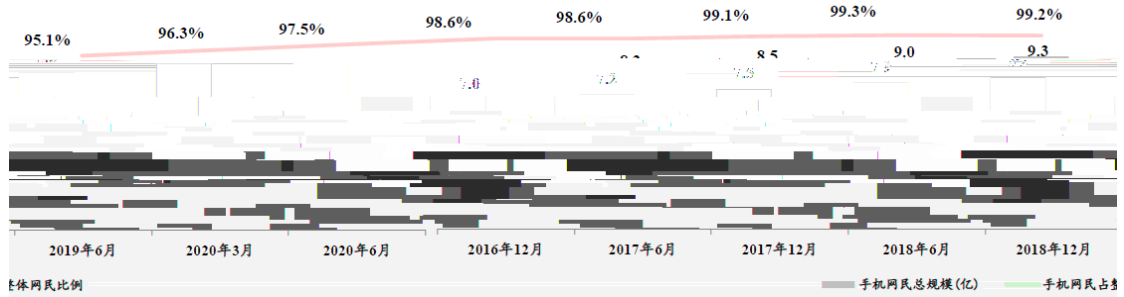
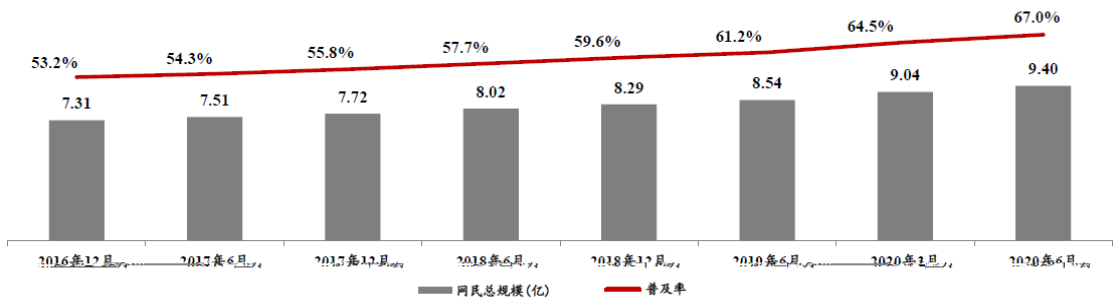
3

4

1

1

FTTH 4G/5G



CNNIC

IPTV

100G/400Gbps

DWDM

---

5G

A.

B.

100G	40G	25G	10G
Finsar	AAOI	Source	

2

1

2012-2020

---

**2**

**1**

**1**

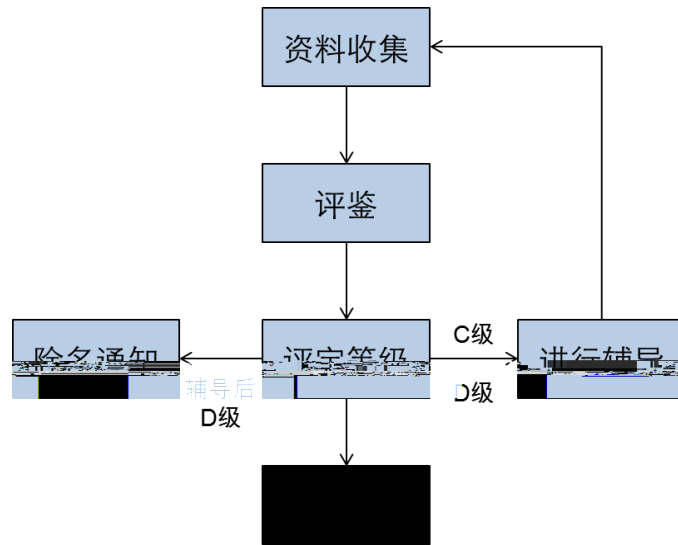
---

**A.**

**B.**

D

C



C.

IQC

10G/25G/40G/100G/400G

" "

A.

---

**B.**

**C.**

/

---

**2**

**A.**

“ ”

**B.**

---

**C.**

2-3

45

**D.**

"

"

"

1-1-122

---

" "

" "

" "

" "

" "

" "

"

3-6

**2**

**1**

PCB

---

PCB

2

1

1

---

2017 Finisar

Lumentum Oclaro 2018 Lumentum Oclaro II-VI

Finisar

		/	
2016.02		Almae	InP
2018.02	Lumentum	Oclaro	InP
2018.04		Macom	LR4 CWDM4
2018.07	Infinera	Coriant	
2018.11	II-VI	Finisar	
2019.04		Oclaro SPV	
2019.12		Lumentum	Donato San LiNbO3
2020.06			

Finisar Avago Source Photonics

**A. Finisar**

Finisar

**B. Avago**

Avago

---

**C. Source Photonics**

Source Photonics            2000

**D.**

---

2

1

10G/25G/40G/100G/400G

100G/400G

800G

2017

OFC2019

400QSFP-DDDR4DEMO

2

3

1

10G/25G/40G/100G/400G

---

**A.**

**B.**

**C.**

5G

100G/400G

5G

10G/25G/40G/100G/400G

**a.**

---

**b.**

40G

Chip-to-chip

chip-to-board board-to-chip

chip-to-chip

**c.**

100G/400G

**d.**

ATS

4

**D.**

---

**E.**

40/100/400G

**F.**

**G.**

ISO9001:2015

TL9000 H6.0/R5.5

ISO14001:2015

ISO45001:2018

**H.**












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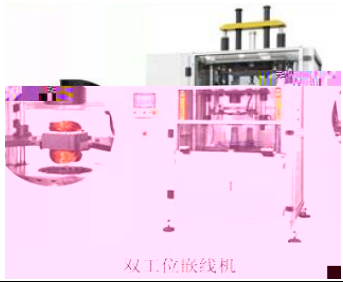



2

" "

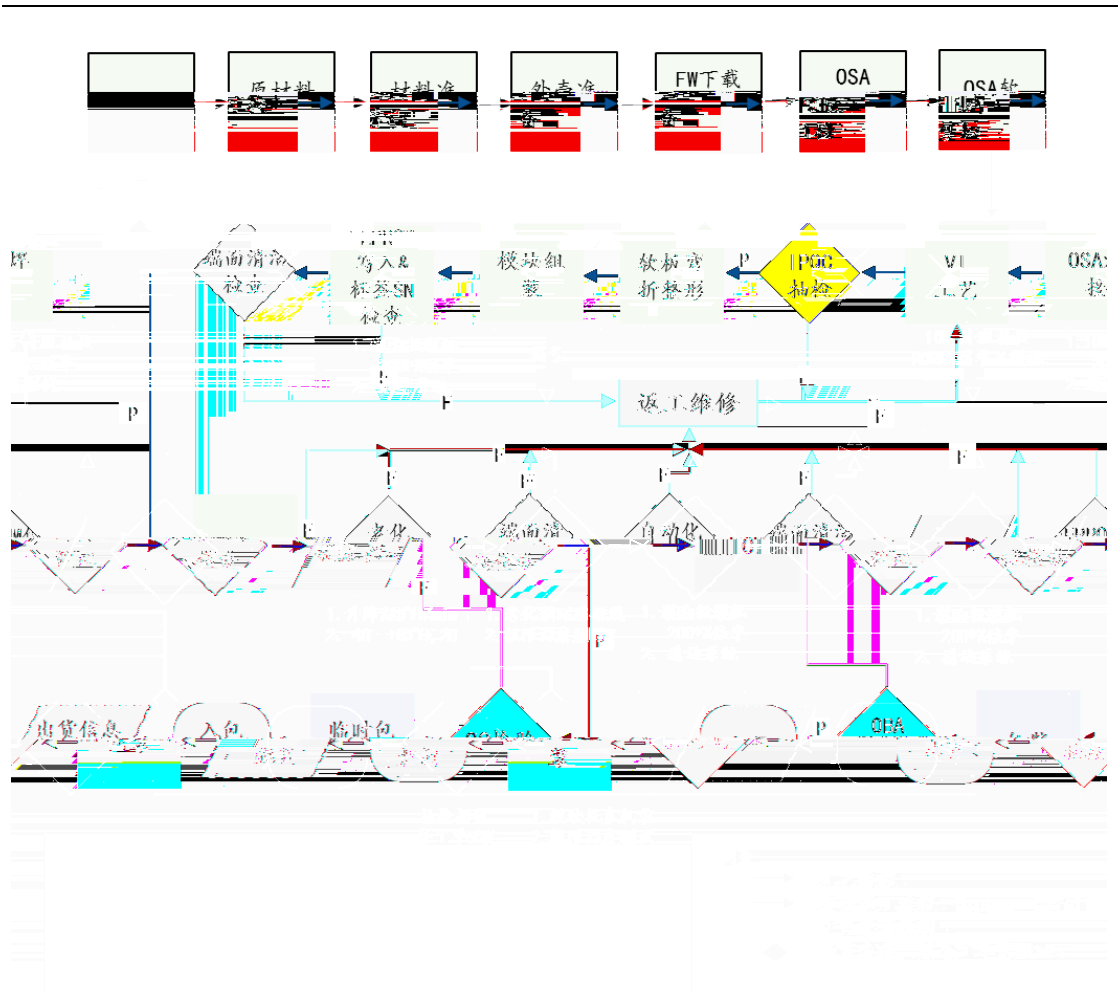
1/5 1/2

1

1	10GSFP+	
2	10GXFP	
3	25GSFP28	
4	40GQSFP+	
5	50G PAM4	
6	100GCFP4/QSFP28	 <small>CSP4</small> 
7	100G Single Lambda	
8	200GQSFP	
9	400GOSFP	
10	400GQSFP-DD	

1			 <p>双工位拔线机</p>
2			
3			
4			

1





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	2020	1-9	2019		2018		2017	

	269	264	98.14%
<b>2017</b>			
	/	/	
	199	153	76.88%
	202	208	102.97%

4

2020 1-9	A	109,453.83	21.03%
	B	63,663.02	12.23%
	C	58,242.37	11.19%
	D	52,100.11	10.01%
	E	20,899.17	4.02%
		<b>304,358.49</b>	<b>58.48%</b>
2019	A	85,046.43	17.88%
	B	80,979.36	17.02%
	C	51,545.44	10.83%
	D	47,949.93	10.08%
	E	19,940.04	4.19%
		<b>285,461.20</b>	<b>60.00%</b>
2018	A	192,667.59	37.37%
	B	62,904.19	12.20%
	C	53,782.37	10.43%
	D	42,485.45	8.24%
	E	13,914.69	2.70%
		<b>365,754.29</b>	<b>70.94%</b>
2017	A	111,957.99	47.56%
	B	18,113.08	7.69%
	C	15,421.46	6.55%
	D	14,467.84	6.15%
	E	12,133.50	5.15%
		<b>172,093.86</b>	<b>73.10%</b>

5%

---

1

1

2 3

2

		2020	2019	2018	2017
		16,271	15,650	11,924	6,317
		216,763	197,488	221,800	152,552
		13.32	12.62	18.60	24.15
		47.64%	55.14%	62.83%	71.15%
		162,551	94,921	76,152	35,654
		154,046	101,358	75,702	36,843
		0.95	1.07	0.99	1.03
		33.86%	28.30%	21.45%	17.18%
		22,059	16,862	15,216	6,972
		43,795	35,569	32,495	23,959
		1.99	2.11	2.14	3.44

---

		<b>2020 1-9</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>
		9.62%	9.93%	9.21%	11.17%

2020 2

2020 1-9	A	50,812.80	11.17%
	B	50,700.90	11.14%
	C	31,652.73	6.96%
	D	23,349.96	5.13%
	E	19,593.77	4.31%
		176,110.16	38.70%
2019	A	36,802.15	10.09%
	B	26,465.13	7.25%
	C	25,855.57	7.09%
	D	20,648.60	5.66%
	E	19,920.40	5.46%
		<b>129,691.85</b>	<b>35.55%</b>
2018	A	44,917.13	12.72%
	B	39,447.32	11.17%
	C	26,911.09	7.62%
	D	17,838.15	5.05%
	E	15,502.69	4.39%
		<b>144,616.37</b>	<b>40.95%</b>
2017	A	26,974.32	12.58%
	B	26,346.54	12.29%
	C	15,841.52	7.39%
	D	15,169.54	7.08%
	E	12,897.71	6.02%
		<b>97,229.63</b>	<b>45.36%</b>

5%

1

	2020 1-9		2019		2018		2017	
	360,244.83	69.21%	345,600.45	72.64%	380,800.32	73.85%	178,450.75	75.71%

	160,233.73	30.79%	130,167.25	27.36%	134,831.10	26.15%	57,257.60	24.29%
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2

CE CB

RoHS/WEEE

FDA FCC

UL

3

1

2

4

Finisar Avago Source Photonics Intel Applied Optoelectronics

**1 Finisar**

Finisar

**2 Avago**

Avago

### 3 Source Photonics

Source Photonics 2000

### 4 Intel

Intel 1968

### 5 Applied Optoelectronics

Applied Optoelectronics 1997

	2020 1-9		2019		2018		2017	
		%		%		%		%
	580.27	1.95%	8,336.36	18.70%	3,010.44	8.87%	-	0.00%
	29,224.40	98.05%	36,235.31	81.30%	30,947.28	91.13%	12,930.50	100.00%
	29,804.67	100.00%	44,571.67	100.00%	33,957.72	100.00%	12,930.50	100.00%

	2020 1-9	2019	2018	2017
	29,804.67	44,576.67	33,957.72	12,930.50
	520,478.56	475,767.70	515,631.42	235,708.35
	5.73%	9.37%	6.59%	5.49%



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2020	9	5,470	1,256
	22.96%		

2020	9	5
------	---	---

1

2020 9 30

	61,604.45	9,713.16	-	51,891.29
	265,603.78	59,917.37	245.83	205,440.59
	2,329.34	1,023.54	0.01	1,305.79
	1,737.03	1,062.66	-	674.37
	6,814.66	2,976.68	-	3,837.98
	<b>338,089.27</b>	<b>74,693.40</b>	<b>245.84</b>	<b>263,150.02</b>

2

2020 9 30

	84.57%		
	83.27%		
	82.09%		
	79.15%		
	74.63%		
	70.26%		
	65.65%		

3

2020 9 30

				<b>m<sup>2</sup></b>		
1		2019 0021360		6,046.65		
2		2020		56,393.90		

---

				m <sup>2</sup>		
		0049517				

3

2016

000044

8

44,498.69

6			2020.07.29-2021.07.28	788 2 2520
7			2020.05.01-2021.04.30	108 28 501
8			2020.09.01-2030.08.31	
9			2020.09.01-2025.08.31	168 1 1F 101 104 2F 201 202 204 211 212 3F 4F 5F 3 A H 3 4 I 3 4 5
10			2020.09.01-2025.08.31	168 3 E G F
11		German Centre for Industry and Trade Pte Ltd.	2019.10.01-2021.09.30	Unit no(s). #03-60B on the third floor of the German Centre
12		Stars Microelectronics (Thailand) Public Company Limited	2019.09.17-2021.09.16	Bang Pa-in Industrial Estate, 605-606 Moo2 Klongjig, Bang Pa-In, Ayutthaya 13160BT/F( ) TJETQq70.66 527.47 9 Tf

			m <sup>2</sup>						
4		2018 0000568	120,138.67	2061.03.31			5555 1		
5		2018 0000570						5555 1	
6		2018 0000571						5555	
7		(2020) 0000142						5555 4#	
8		(2020) 0000143						5555 5#	
9		(2020) 0000144						5555 7#	
10		2019 0017375			19,004.29	2037.12.26			8

2

2020 9 30

238

92

143

3

15

1

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1		200610070539X				2006/11/24
2		2009100170340				2009/7/9
3		2009100170177				2009/7/9
4		2009100170073				2009/7/9
5		2009100170181				2009/7/9
6		2009100170069				2009/7/9
7		2009100170158				2009/7/9
8		2011100073032				2011/1/7
9		2011100072788				2011/1/7
10		2011100072701				2011/1/7
11		2011100072881				2011/1/7
12		2011100073282				2011/1/7
13		2011100073263				2011/1/7
14		2011100073155				2011/1/7
15		201210415288X				2012/10/26
16		2012104153100				2012/10/26
17		2013103091224				2013/7/23
18		2014108252551				2014/12/27
19		2013107556381				2013/12/30
20		2012105225854				2012/12/8
21		2013107334386				2013/12/27
22		2012105211300				2012/12/7
23		201410832575X				2014/12/29
24		2014108475066				2014/12/29

25		2014108252570				2014/12/27
26		2013107335497				2013/12/27
27		2014108252585				2014/12/27
28		2014108252602				2014/12/27
29		2012104415955				2012/10/20
30		2014108252566				2014/12/27
31		2011200104816				2011/1/7
32		2011200105452				2011/1/7
33		2011200104322				2011/1/7
34		2012205674628				2012/10/20
35		2012205674806				2012/10/20
36		2012205674134				2012/10/20
37		2012205537527				2012/10/26
38		2012205536064				2012/10/26
39		2012205548201				2012/10/26
40		2012205674647				2012/10/20
41		2012206691866				2012/12/7
42		2012206690064				2012/12/7
43		2012206708301				2012/12/8
44		2012206708528				2012/12/8
45		201220669502X				2012/12/7
46		2012205674774				2012/10/20
47		2012205674346				2012/10/20
48		2012206705568				2012/12/8

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						2012/10/26
						2013/7/23
						2013/7/23
						2013/7/23
						2013/7/23
						2013/12/7
						2013/12/7
						2013/12/27
						2013/12/27
						2013/12/27
						2014/12/27

73		2016209505716				2016/8/27
74		2016209506297				2016/8/27
75		2016209566476				2016/8/27
76		2016209629507				2016/8/27
77		2016209635758				2016/8/29
78		2016209577610				2016/8/29
79		2016107377205				2016/8/29
80		2016107430724				2016/8/29
81		2016209748493				2016/8/30
82		2016209742923				2016/8/30
83		2017217399145				2017/12/14
84		201721739915X				2017/12/14
85		2017217399747				2017/12/14
86		2017217399751				2017/12/14
87		201721739986X				2017/12/14
88		2017217399874				

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97		2018212867105				2018/8/10
98		2018212867196				2018/8/10
99		2018212869736				2018/8/10
100		201821286990X				2018/8/10
101		2018212869914				2018/8/10
102		2018212869929				2018/8/10
103		2018212869933				2018/8/10
104		2018212870593				2018/8/10
105		201922321447X				2019/12/19
106		2019222449196				2019/12/16
107		2019222144588				2019/12/12
108		2019222144605				2019/12/12

109

121		2012101543152			2012/5/18
122		2013101145249			2013/4/3
123		2013101143262			2013/4/3
124		2013101640848			2013/5/7
125		2013101641855	SCSI		2013/5/7
126		201310164210X	SCSI		2013/5/7
127		2013102998145			2013/7/17
128		2013103129043			2013/7/24
129		2014102174722			2014/5/22
130		2014102197796			2014/5/22
131		2014102573120			2014/6/11
132		2014103084102			2014/7/1
133		2014104450799			2014/9/3
134		2014106267251			2014/11/10
135		2014107316397			2014/12/5
136		2014108241824			2014/12/26
137		2014108514766			2014/12/31
138		2014108518273			2014/12/31
139		2015100926758			2015/3/2
140		2015101137805	APD		2015/3/16
141		2015103196738	/		2015/6/11
142		2015103332573			2015/6/16
143		2015103327908			2015/6/16
144		2015103732114	PCB		2015/6/30

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145

169		4200697730				2014/2/18
170		4200695754				2014/2/18
171		4201186959				2014/3/17
172		4201729461				2014/4/11
173		4201729315				2014/4/11
174		4201839989				2014/4/16
175		4203088005				2014/6/11
176		4203216605				2014/6/17
177		4203621682				2014/7/2
178		4203830141				2014/7/11
179		4204497339				2014/8/11
180		4206809640				2014/11/14
181		4208682409				2014/12/31
182		5201537362				2015/3/18
183		5208625449		A		
184		7215506000				2017/11/20
185		2017218072573	SFP+			2017/12/21
186		2018207978057				2018/5/28
187		2018208926793				

193		2019204478345				2019/4/4
194		2019208372814				2019/6/5
195		2020200154053				2019/7/3
196		201921022606X				2019/7/3
197		2019213040537				2019/8/13
198		2019213375456				2019/8/16
199		2019213275373	TO			2019/8/16
200		2019213465293				2019/8/19
201		2019213558480				2019/8/20
202		2019214015439				2019/8/27
203		2019215663439				2019/9/20
204		201922002268X				2019/11/19
205		2019220752019				2019/11/27
206		2019220905993				2019/11/28
207		2019223241937				2019/12/23
208		2019223227268				2019/12/23
209		2019300880039				2019/3/5
210		2019304679744				2019/8/27
211		2019304676178				2019/8/27
212		2016106329149				2016/8/4
213		201710289413X				2017/4/27
214		2017111374971				2017/11/16
215		2015205408214	/			2015/7/24
216		2014101181822				2014/3/27

217		2014100543898				2014/2/18
218		2014100544528				2014/2/18
219		2013101640725				2013/5/7
220		2013101641982				2013/5/7
221		2018208482237				2018/5/25
222		2017215235297				2017/11/15
223		2017215235634	RFoG			2017/11/15
224		2017207281217				2017/6/20
225		2016214655003				2016/12/29
226		2016208997963				2016/8/18
227		2016203918255				2016/5/4
228		2016203918274				2016/5/4
229		2016203918289				2016/5/4
230		2016203918293				2016/5/4
231		2016203918306				2016/5/4
232		2015208104136				2015/10/20
233		2015208105302				2015/10/20
234		2015208116059				2015/10/20
235		2012204682608				2012/9/14
236		2011103898785				2011/11/30
237		2011204886899				2011/11/30
238		202020845822				2020/5/20

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13		US10578817B2	SUBSTRATE PACKAGING STRUCTURE INCLUDING CONDUCTIVE BLOCKS AND CONDUCTIVE AREAS FORMED ON SUBSTRATES AND OPTICAL MODULE INCLUDING SAME( )			2018/1/4
14		US10495832B2	OPTICAL MODULE INCLUDING HEAT SINK ARRANGED IN HOUSING ( )			2018/7/2
15		US10455737B2	OPTICAL MODULE( )			2018/11/1

3

2019 2 27 SENKO  
 ADVANCED COMPONENTS, INC. " Senko"  
 4 " CS "  
 2019 2 27 20

1	Senko	US10228521B2	NARROW WIDTH ADAPTERS AND CONNECTORS WITH MODULAR LATCHING ARM			2019/3/12
2	Senko	US10520689B2	RECEIVER DEVICE FOR ACCEPTING NARROW WIDTH CONNECTORS			2019/12/31
3	Senko	US10539748B2	NETWORK SYSTEM OF NARROW WIDTH CONNECTORS AND RECEIVER DEVICES			2020/1/21
4	Senko	US10739533B2	RECEIVER CONFIGURED TO ACCEPT A REMOVABLE ANCHOR DEVICE FOR SECURING A FIBER OPTIC CONNECTOR WITHIN THE RECEIVER			2020/8/11

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1			32713684	39	2029/8/20	;
2			32705934	36	2029/5/13	; ; ; ; ; ; ; ; ;
3			28476299	7	2028/12/13	; ; ; ; ; ; ; ; ; ; ; ;
4			28463965			













22		10199328	28	2023/1/20	; ; ; ( ); ; ; ; ; ; ); ( ); ( ); ;

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43		10185649	7	2023/7/13	( ); ; ; ; ( ); ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ( ); ; ; ; ; ; ; ; ; ; ; ;.....	
44		10185625	6	2023/4/6	; ; ; ; ; ; ; ; ; ; ; ; ); ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	
45		10185482	4	2023/1/13	; ; ; ; ; ; ; ; ; ; ; ;	
46		10178388	5	2023/4/6	; ;	
47		10178355	1	2024/3/6	; ;.....	
48		10178337	3	2023/1/13	; ; ; ; ; ; ; ; ; ; ; ;	
49		10178301	2	2023/9/13	; ; ; ; ; ;	
50		10177490	42	2023 03 06	; ; ; ; ; ; ; ; ; ; ; ;	
51		10177259	41	2023/1/13	; ; ; ; ; ; ; ; ; ; ; ;	

52		 中际	10177159	40	2023/1/13	; ( ); ; ; ; ; ; ;
53		 中际	10176845	37	2023/2/27	; ; ; ; ;
54		 中际	10176810	39	2023/2/27	; ; ; ; ; ; ;
55		 中际	10170894	29	2023/1/13	; ( ); ; ; ; ; ; ; ; ; ; ; ; ( );
56		 中际	10170855	21	2023/1/13	; ; ( ; ); ; ; ; ; ; ; ( ); ( ); ; ; ; ; ; ; ;
57		 中际	10170819	19	2023/3/6	; ; ; ; ; ; ; ; ;
58		 中际	10170793	17	2023/3/6	; ; ; ; ; ; ; ; ;
59		 中际	10170784	16	2023/2/27	( ); ; ; ; ; ; ; ; ( ); ; ;
60		 中际	10170766	14	2023/1/13	; ; ; ; ; ; ; ( ); ;
61		 中际	10170757	12	2023/2/27	; ; ; ; ; ;

62		10170740	11	2024/5/13	( ); ; ; ; ; ; ; ; ; ( ); ; ;	
63		10170721	9	2023/3/6	( ); ; ( ); ; ; ; ; ; ; ; ( ); ; ; ; ; ; ; ; ; ; ;	
64		10170706	8	2023/1/6	( ); ; ; ( ); ; ( ); ; ; ;	
65		10166528	6	2023/7/13	; ; ; ; ; ; ; ( ); ; ; ; ; ; ; ;	
66		10166463	4	2023/1/13	; ; ; ; ; ;	
67		10166422	40	2023/1/6	; ; ( ); ; ; ; ; ; ; ; ; ; ; ; ; ; ;	
68		10166368	29	2024/4/20	;	
69		10166307	21	2023/1/6	; ; ; ( ); ); ; ; ; ; ; ; ( ( ); ( ); ; ; ; ; ; ;	





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1		-2017-F-00240163	Innovation Lights Our Future -1		2017.11.13
2		-2017-F-00240162	Innovation Lights Our Future -2		2017.11.13
3		-2017-F-00240161	Innovation Lights Our Future -3		2017.11.13
4		-2017-F-00240160	Innovation Lights Our Future -4		2017.11.13
5		-2017-F-00240159	Innovation Lights Our Future -5		2017.11.13
6		-2017-F-00240158	Innovation Lights Our Future -6		2017.11.13

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1		2018SR1088539	V1.0	2018/11/6	

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2018	5	17	2017	2017
			473,857,056	10
		0.38	18,006,568.13	

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2019	5	15	2018	2018
			509,833,844	10
		1.23	62,709,562.81	

203,933,537

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713,767,381

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713,165,136

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59,905,871.42

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	2019	2018	2017
	5,990.59	6,270.96	1,800.66
	51,348.72	62,311.60	16,150.54
	11.67%	10.06%	11.15%
			14,062.20
			43,270.29
			32.50%

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	2020 9 30	2019 12 31	2018 12 31	2017 12 31
	1.93	2.12	1.45	1.46
	1.02	1.23	0.71	0.79
	41.83%	33.98%	40.89%	48.71%
	10.88%	8.88%	16.31%	18.31%

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2			( )	100%
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4				100%
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6				100%
7	831606		, ( )	1163.90 42.17% 860.80 31.19%
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9				75%

		/		
10				90%
11				75%
12				
13				78%
14				GP
15				GP
16				37%
17			<p>" 1</p> <p>2</p> <p>3 4</p> <p>5</p> <p>"</p> <p>2034 12 31</p>	<p>74.62%</p> <p>GP</p>
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35				GP
36				GP
37				GP
38				67%
39			" 1 2 3 4 5 "	55%
40			" 1 2 3 4 5	55% 66%

		/		
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41			***	GP
42			" 1 2 3 4 5 " 2026 12 31	GP
43				GP
44				60%
45				100%
46		) (		( ) GP

		/		
47			PUE 1.5 48	80%
48			( )	55%
49			PUE 1.4	50%

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1		28.99% 2020	5

2	LuxNet Corporation	HSING HSIEN KUNG
3		2017 2017
4		80% 2019 1
5		100% 2017 7 100%
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8		12
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**1**

2017 LuxNet Corporation  
1,672.83 0.06 0.71%

**2**

2017 2.36  
0.001%

**3**

	2020	1-9	2019	2018	2017
		-	-	-	4,551.13
		-	-	-	4,551.13
		-	-	-	1.93%

5%

2016 3

32,419,700

359,858,670.00

45,511,284.48

2017 11

15 2017 11 18

2017 12 20

45,511,284.48

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	2020	1-9	2019	2018	2017
		722.43	1,139.62	1,129.37	304.57

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ITC Innovation

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1,905

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335

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2020	2019	2018	2017
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	<b>2020-9-30</b>	<b>2019-12-31</b>	<b>2018-12-31</b>	<b>2017-12-31</b>

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	<b>2020-9-30</b>	<b>2019-12-31</b>	<b>2018-12-31</b>	<b>2017-12-31</b>
	136,324.53	123,619.09	104,118.01	95,723.18

	<b>2020-9-30</b>	<b>2019-12-31</b>	<b>2018-12-31</b>	<b>2017-12-31</b>
	106,105.34	46,550.00	26,950.61	24,127.64
	2,850.00	2,850.00	3,894.58	3,043.22
	6,838.08	6263.28	4447.10	3994.10
	13,203.71	7,293.48	6,901.73	4,514.02
	16,432.40	10,930.07	1,425.76	1,544.13
	-	-	-	48,481.64
	<b>145,429.54</b>	<b>73,886.83</b>	<b>43,619.77</b>	<b>85,704.75</b>
	<b>552,691.06</b>	<b>356,494.96</b>	<b>330,371.94</b>	<b>380,416.44</b>
	-			
	71,316.51	71,316.51	47,545.58	47,385.71
	510,974.42	506,411.88	369,650.18	355,503.31
	9,078.97	17,370.35	26,891.41	29,056.23
	-517.21	-11.09	45.12	16.40

	<b>2020 1-9</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>
" "	1,295.22	6,758.15	664.82	1,099.09
	-	5,393.34	506.67	332.39
" "	-	-	1,420.69	-10,924.41
" "	-3,327.87	-14,165.83	-6,601.78	-2,028.95
" "	-1.33	141.09	-	-
" "	5.83	-13.17	-0.25	-176.73
" "	<b>69,944.79</b>	<b>57,637.53</b>	<b>68,189.45</b>	<b>20,587.00</b>
	73.95	50.21	307.83	41.44
	237.05	20.06	-997.97	39.16
" "	<b>69,781.69</b>	<b>57,667.68</b>	<b>69,495.25</b>	<b>20,589.28</b>
	9,353.02	6,318.96	7,183.65	4,438.74
" "	<b>60,428.67</b>	<b>51,348.72</b>	<b>62,311.60</b>	<b>16,150.54</b>
	-			
1 " "	60,428.67	51,348.72	62,311.60	16,150.54
2 " "	-	-	-	-

	2020 1-9	2019	2018	2017
	0.84	0.73	1.33	0.50

	2020 1-9	2019	2018	2017
	556,383.06	463,617.85	548,593.02	226,504.02
	47,784.41	37,151.97	66,637.48	24,802.46
	16,563.97	19,840.02	13,639.65	7,240.92
	620,731.45	520,609.85	628,870.16	258,547.39
	555,348.61	391,983.78	486,291.20	219,304.94
	51,501.67	53,693.63	50,647.63	12,221.56
	9,638.25	2,184.48	10,069.92	7,484.74
	17,878.02	15,802.19	15,860.06	15,300.44
	634,366.56	463,664.08	562,868.80	254,311.68
	<b>-13,635.11</b>	<b>56,945.77</b>	<b>66,001.35</b>	<b>4,235.71</b>
	359,540.00	333,810.00	-	2,313.05
	1,244.09	1,069.45	158.16	368.65
	9.27	82.08	512.53	154.72
	-	-	-	-
	-	-	15,000.00	47,506.39
	360,793.36	334,961.53	15,670.68	50,342.82
	69,326.44	75,930.64	60,773.50	42,077.83
	340,234.31	403,770.00	7,205.00	-
	11,077.19	-	-	-
	-	49,197.91	15,000.00	23,000.00
	420,637.94	528,898.55	82,978.50	65,077.83
	<b>-59,844.58</b>	<b>-193,937.01</b>	<b>-67,307.81</b>	<b>-14,735.01</b>
	-	152,390.90	5,204.52	75,956.22
	-	-	-	-

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**2020**  
**1-9**

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**2018 2019**

2018 2019

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**2020**

				67.19%	

	<b>2020-9-30 /2020 1-9</b>	<b>2019-12-31 /2019</b>	<b>2018-12-31 /2018</b>	<b>2017-12-31 /2017</b>
	1.93	2.12	1.45	1.46
	1.02	1.23	0.71	0.79
	10.88%	8.88%	16.31%	18.31%
	41.83%	33.98%	40.89%	48.71%
	4.83	4.77	5.51	4.35
	1.61	1.44	1.76	1.64
	-0.19	0.80	1.39	0.09
	0.15	0.27	0.29	1.83
	5.73%	9.37%	6.59%	5.49%

/  
- /

			/	
	2020 1-9	8.31%	0.84	0.84
	2019	8.29%	0.73	0.73
	2018	14.32%	1.36	1.33
	2017	7.96%	0.50	0.50
	2020 1-9	7.21%	0.73	0.73
	2019	6.94%	0.61	0.61
	2018	13.56%	1.28	1.26
	2017	13.05%	0.82	0.82

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	2020-9-30		2019-12-31		2018-12-31		2017-12-31	
	136,324.53	10.32%	123,619.09	11.78%	104,118.01	12.89%	95,723.18	12.26%
	39,300.00	2.97%	63,000.00	6.01%	-	-	-	-
	-	-	-	-	4,037.26	0.50%	8,807.53	1.13%
	171,491.13	12.98%	113,254.22	10.80%	84,010.67	10.40%	101,256.58	12.96%
	56,066.23	4.24%	36,043.68	3.44%	-	-	-	-
	3,111.69	0.24%	6,512.46	0.62%	5,455.11	0.68%	7,363.51	0.94%
	2,369.04	0.18%	972.94	0.09%	368.21	0.05%	905.17	0.12%
	368,668.38	27.90%	250,362.16	23.86%	211,897.47	26.22%	196,899.55	25.21%
	101.34	0.01%	318.73	0.03%	-	-	-	-
	8,048.30	0.61%	5,050.24	0.48%	5,923.88	0.73%	19,820.07	2.54%
	<b>785,480.64</b>	<b>59.44%</b>	<b>599,133.53</b>	<b>57.11%</b>	<b>415,810.61</b>	<b>51.46%</b>	<b>430,775.59</b>	<b>55.16%</b>
	1,347.88	0.00%	122.60	0.01%	419.32	0.05%	318.73	0.04%
	2,258.84	0.17%	-	-	-	-	-	-
	19,307.30	1.46%	22,107.30	2.11%	10,252.02	1.27%	2,540.35	0.33%
	263,150.02	19.91%	194,986.02	18.59%	149,656.16	18.52%	116,210.01	14.88%
	12,218.16	0.92%	15,060.12	1.44%	14,809.97	1.83%	10,948.31	1.40%
	36,546.96	2.77%	31,100.18	2.96%	38,384.68	4.75%	45,417.78	5.82%
	2,425.13	0.18%	9,561.19	0.91%	3,010.44	0.37%	-	-
	191,456.34	14.49%	171,675.84	16.36%	171,675.84	21.25%	171,675.84	21.98%
	2,285.44	0.17%	1,765.04	0.17%	1,605.48	0.20%	210.97	0.03%
	2,970.39	0.22%	2,838.90	0.27%	1,511.50	0.19%	2,290.78	0.29%
	1,979.15	0.17%	765.90	0.07%	884.09	0.11%	613.91	0.08%
	<b>535,945.61</b>	<b>40.56%</b>	<b>449,983.08</b>	<b>42.89%</b>	<b>392,209.49</b>	<b>48.54%</b>	<b>350,226.68</b>	<b>44.84%</b>
	<b>1,321,426.26</b>	<b>100.00%</b>	<b>1,049,116.61</b>	<b>100.00%</b>	<b>808,020.10</b>	<b>100.00%</b>	<b>781,002.27</b>	<b>100.00%</b>

781,002.27

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29.84% 25.96%

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55.16% 51.46% 57.11% 59.44%

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	2020-9-30		2019-12-31		2018-12-31		2017-12-31	
		%		%		%		%
	136,324.53	17.36	123,619.09	20.63	104,118.01	25.04	95,723.18	22.22
	39,300.00	5.00	63,000.00	10.52	0	0.00	0	0.00
	-	-	-	-	4,037.26	0.97	8,807.53	2.04
	171,491.13	21.83	113,254.22	18.90	84,010.67	20.20	101,256.58	23.51
	56,066.23	7.14	36,043.68	6.02	0	0.00	0	0.00
	3,111.69	0.40	6,512.46	1.09	5,455.11	1.31	7,363.51	1.71
	2,369.04	0.30	972.94	0.16	368.21	0.09	905.17	0.21
	368,668.38	46.94	250,362.16	41.79	211,897.47	50.96	196,899.55	45.71
	101.34	0.01	318.73	0.05	0	0.00	0	0.00
	8,048.30	1.02	5,050.24	0.84	5,923.88	1.42	19,820.07	4.60
	<b>785,480.64</b>	<b>100.00</b>	<b>599,133.53</b>	<b>100.00</b>	<b>415,810.61</b>	<b>100.00</b>	<b>430,775.59</b>	<b>100.00</b>

91.44% 96.20% 81.32% 86.12%

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	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	10.19	30.35	6.55	6.56
	123,999.64	123,588.74	104,111.46	90,240.16
	12,314.71	-	-	5,476.46

	<b>2020-9-30</b>	<b>2019-12-31</b>	<b>2018-12-31</b>	<b>2017-12-31</b>
	<b>136,324.53</b>	<b>123,619.09</b>	<b>104,118.01</b>	<b>95,723.18</b>

95,723.18      104,118.01  
 123,619.09      136,324.53      22.22%    25.04%  
 20.63%    17.36%      94.27%    99.99%  
 99.98%    99.96%

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2020    9

30      39,300.00  
 5.52%

**3**

	2020-9-30		2019-12-31		2018-12-31		2017-12-31	
	-	-	-	-	4,037.26	100%	8,799.03	99.90%
	-	-	-	-	-	-	8.50	0.10%
	-	-	-	-	<b>4,037.26</b>	<b>100%</b>	<b>8,807.53</b>	<b>100%</b>

2017      2018      8,807.53  
 4,037.26      2.04%    0.97%      2019  
 2020    9      2019

**4**

101,256.58      84,010.67  
 113,254.22      171,491.13      23.51%  
 20.20%    18.90%    21.83%    2020    9

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	<b>2020-9-30</b>	<b>2019-12-31</b>	<b>2018-12-31</b>	<b>2017-12-31</b>
	171,491.13	113,254.22	84,010.67	101,256.58
	51.42%	34.81%	-17.03%	-
	<b>2020 1-9</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>
	520,478.56	475,767.70	515,631.42	235,708.35
	58.49%	-7.73%	118.76%	-
	32.95%	23.80%	16.29%	42.96%

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	2017	2018	2019	
2019	2020	9	36,043.68	56,066.23

2019 2020 1E4ET EMC /P <</MCID 100>> 6 3

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	2020-9-30		2019-12-31		2018-12-31		2017-12-31	
	1,347.88	0.25%	122.60	0.03%	419.32	0.11%	318.73	0.09%
	2,258.84	0.42%	-	-	-	-	-	-
	19,307.30	3.60%	22,107.30	4.91%	10,252.02	2.61%	2,540.35	0.73%
	263,150.02	49.10%	194,986.02	43.33%	149,656.16	38.16%	116,210.01	33.18%
	12,218.16	2.28%	15,060.12	3.35%	14,809.97	3.78%	10,948.31	3.13%
	36,546.96	6.82%	31,100.18	6.91%	38,384.68	9.79%	45,417.78	12.97%
	2,425.13	0.45%	9,561.19	2.12%	3,010.44	0.77%	-	-
	191,456.34	35.72%	171,675.84	38.15%	171,675.84	43.77%	171,675.84	49.02%
	2,285.44	0.43%	1,765.04	0.39%	1,605.48	0.41%	210.97	0.06%
	2,970.39	0.55%	2,838.90	0.63%	1,511.50	0.39%	2,290.78	0.65%
	1,979.15	0.37%	765.90	0.17%	884.09	0.23%	613.91	0.18%
	<b>535,945.61</b>	<b>100.00%</b>	<b>449,983.08</b>	<b>100.00%</b>	<b>392,209.49</b>	<b>100.00%</b>	<b>350,226.68</b>	<b>100.00%</b>

2017

2020

2017      2020      9

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2017      2018      2019      2020      9

2,540.35      10,252.02      22,107.30      19,307.30

0.73%    2.61%    4.91%    3.60%      2017      2018

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	2020-9-30		2019-12-31		2018-12-31		2017-12-31	
		%		%		%		%
	51,891.29	19.72	45,922.10	23.55	35,528.56	23.74	35,024.90	30.14
	205,440.59	78.07	143,993.15	73.85	109,883.93	73.42	77,713.11	66.87
	674.37	0.26	782.18	0.40	957.80	0.64	200.91	0.17
	1,305.79	0.50	1,222.57	0.63	446.60	0.30	313.52	0.27
	3,837.98	1.46	3,066.01	1.57	2,839.26	1.90	2,957.56	2.55
	<b>263,150.02</b>	<b>100.00</b>	<b>194,986.02</b>	<b>100.00</b>	<b>149,656.16</b>	<b>100.00</b>	<b>116,210.01</b>	<b>100.00</b>

116,210.01 149,656.16

194,986.02 263,150.02 33.18%

38.16% 43.33% 49.10% 2020 9

97.01% 97.16% 97.40% 97.79%

2017 12 31	38,124.81	96,967.06	658.94	409.82	4,682.69	140,843.32
	2,279.27	43,806.07	928.44	274.06	359.47	47,647.32
	-	2,005.48	-	-	28.06	2,033.54
2018 12 31	40,404.08	138,767.66	1,587.38	683.88	5,014.10	186,457.10
	12,540.96	48,403.66	47.89	1,151.25	595.74	62,739.50

		-	174.60	-	-	3.15	177.75
2019	12 31	52,945.04	186,996.72	1,635.27	1,835.13	5,606.69	249,018.84
		8,711.31	78,903.35	102.04	497.05	1,306.62	89,520.36
		51.89	296.28	0.28	2.84	98.65	449.94
2020	9 30	61,604.45	265,603.78	1,737.03	2,329.34	6,814.66	338,089.27

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12,218.16

3.13% 3.78%

3.35% 2.28%

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	<b>2020-9-30</b>	<b>2019-12-31</b>	<b>2018-12-31</b>	<b>2017-12-31</b>
	70,038.01	58,724.85	56,489.16	56,414.74

	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	10,011.47	9,378.93	9,378.93	9,587.95
	47,407.67	45,156.20	45,156.20	45,156.20
	9,654.31	1,790.33	4.72	4.72
	2,964.56	2,399.39	1,949.32	1,665.87
	30,851.72	24,985.33	18,104.48	10,996.96
	1,134.06	918.80	716.19	505.07
	26,304.17	22,390.18	16,344.85	9,824.08
	1,697.70	249.91	2.08	1.61
	1,715.79	1,426.44	1,041.37	666.20
	2,639.33	2,639.33	-	-
	-	-	-	-
	2,639.33	2,639.33	-	-
	-	-	-	-
	-	-	-	-
	36,546.96	31,100.18	38,384.68	45,417.78
	8,877.41	8,460.13	8,662.74	9,082.89
	18,464.18	20,126.69	28,811.35	35,332.12
	7,956.61	1,540.42	2.63	3.11
	1,248.76	972.94	907.95	999.67

45,417.78 38,384.68

31,100.18 36,546.96 12.97% 9.79%  
6.91% 6.82%

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2018 2019 2020 9 3,010.44  
9,561.19 2,425.13 0.77% 2.12%  
0.45% 2018 2019 400G 2020  
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	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	191,456.34	171,675.84	171,675.84	171,675.84

	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	535,945.61	449,983.08	392,209.49	350,226.68
	35.72%	38.15%	43.77%	49.02%

2017 12 31

171,675.84

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19,780.50

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2,290.78

1,511.50

2,838.90

2,970.39

0.65% 0.39%

0.63% 0.55%

	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	2,219.45	1,057.11	1,082.23	942.87
	1,941.51	1,033.06	1,080.27	902.02

	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	262.10	19.75	-	-
	15.85	4.30	1.95	40.85
	14,334.70	10,752.12	10,217.19	6,728.30
	-	-	25.07	25.07
	-	498.06	-	-
	245.84	75.98	-	-
	2,639.33	2,639.33	-	-
	-	-	-	-
	<b>19,439.33</b>	<b>15,022.60</b>	<b>11,324.49</b>	<b>7,696.24</b>

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	2020-9-30		2019-12-31		2018-12-31		2017-12-31	
	98,997.16	17.91%	65,228.64	18.30%	38,980.16	11.80%	43,443.64	11.42%
	68,959.43	12.48%	17,199.21	4.82%	14,034.64	4.25%	27,035.88	7.11%
	134,962.66	24.42%	125,947.39	35.33%	80,158.90	24.26%	140,361.80	36.90%
	-	-	3,065.21	0.86%	1,690.56	0.51%	2,204.77	0.58%
	7,439.18	1.35%	-	-	-	-	-	-
	13,753.13	2.49%	11,408.54	3.20%	7,679.84	2.32%	7,425.48	1.95%
	1,240.98	0.22%	1,161.21	0.33%	606.21	0.18%	3,387.47	0.89%
	44,672.47	8.08%	30,511.55	8.56%	37,357.94	11.31%	36,120.92	9.50%
	33,962.25	6.14%	28,086.38	7.88%	106,243.92	32.16%	34,618.73	9.10%
	3,274.27	0.59%	-	-	-	-	113.00	0.03%
	<b>407,261.52</b>	<b>73.69%</b>	<b>282,608.13</b>	<b>79.27%</b>	<b>286,752.17</b>	<b>86.80%</b>	<b>294,711.69</b>	<b>77.47%</b>
	106,105.34	19.20%	46,550.00	13.06%	26,950.61	8.16%	24,127.64	6.34%
	2,850.00	0.52%	2,850.00	0.80%	3,894.58	1.18%	3,043.22	0.80%
	6,838.08	0.01	6,263.28	1.76%	4,447.10	1.35%	3,994.10	1.05%
	13,203.71	2.39%	7,293.48	2.05%	6,901.73	2.09%	4,514.02	1.19%
	16,432.40	2.97%	10,930.07	3.07%	1,425.76	0.43%	1,544.13	0.41%
	-	-	-	-	-	-	48,481.64	12.74%
	<b>145,429.54</b>	<b>26.31%</b>	<b>73,886.83</b>	<b>20.73%</b>	<b>43,619.77</b>	<b>13.20%</b>	<b>85,704.75</b>	<b>22.53%</b>

2020 9

55.03%

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	2020-9-30		2019-12-31		2018-12-31		2017-12-31	
	98,997.16	24.31%	65,228.64	23.08%	38,980.16	13.59%	43,443.64	14.74%
	68,959.43	16.93%	17,199.21	6.09%	14,034.64	4.89%	27,035.88	9.17%

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	2020-9-30		2019-12-31		2018-12-31		2017-12-31	
	134,962.66	33.14%	125,947.39	44.57%	80,158.90	27.95%	140,361.80	47.63%
	-	-	3,065.21	1.08%	1,690.56	0.59%	2,204.77	0.75%
	7,439.18	1.83%	-		-		-	
	13,753.13	3.38%	11,408.54	4.04%	7,679.84	2.68%	7,425.48	2.52%
	1,240.98	0.30%	1,161.21	0.41%	606.21	0.21%	3,387.47	1.15%
	44,672.47	10.97%	30,511.55	10.80%	37,357.94	13.03%	36,120.92	12.26%
	33,962.25	8.34%	28,086.38	9.94%	106,243.92	37.05%	34,618.73	11.75%
	3,274.27	0.80%	-		-		113.00	0.04%
	<b>407,261.52</b>	<b>100.00%</b>	<b>282,608.13</b>	<b>100.00%</b>	<b>286,752.17</b>	<b>100.00%</b>	<b>294,711.69</b>	<b>100.00%</b>

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43,443.64      38,980.16

65,228.64      98,997.16      14.74%    13.59%

23.08%    24.31%      2020    9

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27,035.88      14,034.64

17,199.21      68,959.43      9.17%    4.89%

6.09%    16.93%

	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	68,959.43	17,199.21	14,034.64	27,035.88
	<b>68,959.43</b>	<b>17,199.21</b>	<b>14,034.64</b>	<b>27,035.88</b>

2020    9

2020

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140,361.80      80,158.90

125,947.39      134,962.66      47.63%

27.95%    44.57%    33.14%

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2017 2018 2019 2,204.77  
 1,690.56 3,065.21 0.75% 0.59%  
 1.08% 2020 9

2018 2017  
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2017 2019 " 4 "  
 2020 9 7,439.18

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	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	13,062.47	11,312.65	7,675.34	7,419.01
-	690.66	95.89	4.50	6.48
	<b>13,753.13</b>	<b>11,408.54</b>	<b>7,679.84</b>	<b>7,425.48</b>

2019 2020 9

7

	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	68.96	224.43	248.31	111.02
	686.87	575.11	129.45	3,023.09
	233.95	93.06	34.79	88.51
	4.01	16.25	18.93	19.67
	135.93	146.38	123.86	86.83
	48.94	43.28	14.25	19.57
	50.38	41.12	21.46	23.33
	11.96	21.58	15.15	15.45
	<b>1,240.98</b>	<b>1,161.21</b>	<b>606.21</b>	<b>3,387.47</b>

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2017	2020	9	37.51	336.04
64.40	304.03		0.01%	0.12%
0.07%			0.02%	

	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	9,078.97	17,370.35	26,891.41	29,056.23
	11,347.99	9,339.47	7,294.52	5,562.14
	631.69	1,580.24	1,279.06	29.41
	201.26	199.14	6.94	16.46
	84.63	42.81	31.46	283.32
	7.25	-	-	150.00

	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	23,016.63	1,915.14	1,518.50	985.85
	<b>44,386.44</b>	<b>30,447.15</b>	<b>37,021.90</b>	<b>36,083.42</b>

2017      2018      2017      2020    9

36,083.42      37,021.90      30,447.15      44,672.47

12.24%    12.91%    10.77%    10.97%

2020

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67.19%

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34,618.73

106,243.92      28,086.38      33,962.25

11.75%    37.05%    9.94%    8.34%

	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	33,962.25	26,950.61	54,846.63	31,656.53
	-	1,135.77	2,199.39	2,962.20
	-	-	49,197.91	-
	<b>33,962.25</b>	<b>28,086.38</b>	<b>106,243.92</b>	<b>34,618.73</b>

2018

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2019

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	2020-9-30	2019-12-31	2018-12-31	2017-12-31

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106,105.34	72.96%	46,550.00	63.00%	26,950.61	61.79%	24,127.64	28.15%
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	<b>2020-9-30</b>	<b>2019-12-31</b>	<b>2018-12-31</b>	<b>2017-12-31</b>
	6,838.08	6,263.28	4,447.10	2,936.31
	-	-	-	1,057.79
	<b>6,838.08</b>	<b>6,263.28</b>	<b>4,447.10</b>	<b>3,994.10</b>

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2017 12 31

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	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	1.93	2.12	1.45	1.46
	1.02	1.23	0.71	0.79
	41.83%	33.98%	40.89%	48.71%
	10.88%	8.88%	16.31%	18.31%

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<b>2020 9 30</b>		2.00	2.14	2.26	<b>2.13</b>	1.93
		1.39	1.70	1.19	<b>1.42</b>	1.02
		45.23%	37.70%	32.91%	<b>38.61%</b>	41.83%
<b>2019 12 31</b>		2.23	2.29	3.59	<b>2.75</b>	2.12
		1.54	1.89	2.51	<b>2.03</b>	1.23
		38.60%	34.97%	20.24%	<b>30.85%</b>	33.98%
<b>2018 12 31</b>		1.90	2.29	4.05	<b>2.75</b>	1.45
		1.32	1.83	2.83	<b>1.99</b>	0.71

		43.32%	33.86%	17.67%	<b>31.61%</b>	40.89%
2017 12 31		2.23	2.12	3.27	<b>2.54</b>	1.46
		1.54	1.78	1.88	<b>1.73</b>	0.79
		38.60%	37.98%	22.44%	<b>33.01%</b>	48.71%

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	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	1.61	1.44	1.76	1.64
	4.83	4.77	5.51	4.35

2020 1-9

4.35 5.51 4.77 4.83

1.64 1.76 1.44 1.61

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2020 1-9		1.64	2.26	1.40	1.77	1.61
		2.19	2.05	3.69	2.64	4.83
2019		2.55	3.09	1.99	2.54	1.44
		2.99	2.34	4.37	3.23	4.77
2018		2.75	3.29	1.51	2.52	1.76
		3.48	2.43	3.50	3.14	5.51
2017		2.63	3.50	1.73	2.62	1.64
		4.76	2.57	4.12	3.82	4.35

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	2020	1-9	2019		2018		2017	
	128,461.93	96.45%	126,397.48	97.99%	135,973.97	96.69%	57,856.20	91.61%
	1,364.77	1.05%	2,592.71	2.01%	4,660.54	3.31%	5,301.26	8.39%
	<b>129,826.69</b>	<b>100.00%</b>	<b>128,990.19</b>	<b>100.00%</b>	<b>140,634.51</b>	<b>100.00%</b>	<b>63,157.46</b>	<b>100.00%</b>

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5G

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	2020	1-9	2019		2018		2017
	520,478.56	940%	475,767.70	-7.73%	515,631.42	118.76%	235,708.35

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456,949.95	8.97%	419,322.68	-6.03%	446,241.84	115.86%	206,730.25
------------	-------	------------	--------	------------	---------	------------

	2020		2019		2018		2017	
	1-9	%		%		%		%
	160,233.73	30.79	130,167.25	27.36	134,831.10	26.15	57,257.60	

**1**

2017-2020 1-9

	2020 1-9	2019	2018	2017
	523	462	422	153
	61,145.27	47,371.85	388,202.37	-
/	0.09	0.10	0.12	0.14
	-27,668.38	-84,044.62	-109,228.47	-
	33,476.89	-36,672.77	278,973.90	-

2017 7  
2017 7-12  
2017-2019 2020 1-9  
220,799.12 499,773.02 463,100.25 496,577.14  
2018 2017 278,973.90  
2017 7  
2017 7-12 2018  
100G  
388,202.37 2019  
2020 1-9 400G  
33,476.89

**2**

18,523.31 608 30.46 /

**3**

	2020 1-9	2019	2018	2017
	93	186	264	208

2017-2019	2020	1-9		
14,909.22	15,858.40	12,667.46	5,378.11	
2018			2017	949.18
				4,014.02
2019			2018	3,190.94
	2020	1-9	2019	7,289.35

4

1 2017-2019 2020 1-9

	2020 1-9		2019		2018		2017	
	310,930.96	80.42%	267,357.52	79.40%	304,643.00	83.74%	134,807.89	82.73%
	32,950.03	8.52%	31,089.58	9.23%	31,025.61	8.53%	13,317.98	8.17%
	42,757.54	11.06%	38,255.67	11.36%	28,130.45	7.73%	14,817.06	9.09%
	386,638.52	100.00%	336,702.76	100.00%	363,799.05	100.00%	162,942.92	100.00%

2017 7  
2017 7-12

2017

2017-2019

2020	1-9				82.73%	83.74%	79.40%	80.42%
		8.17%	8.53%	9.23%	8.52%			9.09%
7.73%	11.36%	11.06%						

2

	2020 1-9		2019		2018		2017	
	1,931.90	48.14%	5,031.00	49.94%	6,405.06	57.20%	4,304.91	45.66%
	591.28	14.73%	1,545.49	15.34%	1,703.07	15.21%	1,705.36	18.09%
	1,490.15	37.13%	3,498.26	34.72%	3,089.73	27.59%	3,417.90	36.25%

	4,013.34	100.00%	10,074.75	100.00%	11,197.86	100.00%	9,428.16	100.00%
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2017-2019                      2020    1-9    45.66% 57.20%

49.94%    48.14%    18.09%    15.21%    15.34%    14.73%

36.25%    27.59%    34.72%    37.13%

**1**

	2020	1-9	2019	2018	2017
		25.22%	27.29%	27.21%	26.20%
		17.50%	-	-	-
		25.38%	20.47%	29.39%	35.56%
		24.94%	27.11%	27.27%	26.79%

2017    -2019                      2020    1-9    26.79% 27.27%

27.11%    24.94%    2020    1-9

25G    100G

**2**

**1**

2017-2019                      2020    1-9

26.20%    27.21%    27.29%    25.22%

**2020    1-9                      2019                      2018                      2017**

-16.13% 17.13%

2019 -13.47%

13.30% 2020 1-9 -4.05%

1.97%

2

17.50%

3

2017-2019 2020 1-9

35.56% 29.39% 20.47% 25.38%

	2020	1-9	2019	2018	2017
/	57.83		68.10	60.07	71.68
	-14.13%		8.33%	-12.46%	-
/	43.15		54.17	42.42	46.19
	19.04%		-17.25%	6.29%	-
	4.91%		-8.93%	-6.17%	-

2018 2017 35.56% 29.39%

2018

-12.46% 2018

6.29% 2019 20.47%

8.33% -17.25% 2020 1-9

-14.13% 19.04%



	2020 1-9	2019	2018	2017
	3,134.61	2,506.76	2,663.07	1,023.73
	186.86	602.37	334.28	150.80
	329.59	499.74	1,024.93	313.00
	612.33	495.83	356.19	145.14
	138.03	288.97	282.01	106.25
	82.50	175.89	176.51	95.42
	207.51	93.79	46.12	71.93
	65.95	57.27	75.28	61.26
	38.91	108.75	48.87	8.30
	2,589.37	654.64	1,016.03	1,226.38
	<b>7,385.66</b>	<b>5,484.01</b>	<b>6,023.31</b>	<b>3,202.23</b>

2017 7

2017 7-12

2017 -2019      2020 1-9      3,202.23      6,023.31  
5,484.01      7,385.66      1.36%      1.17%  
1.15%      1.42%

2

	2020 1-9	2019	2018	2017
	5,663.19	7,851.95	7,197.51	4,445.27
	6,271.59	6,640.03	4,531.96	1,988.32
	2,999.80	3,243.89	3,989.51	535.56
	2,722.24	2,685.48	2,697.55	767.39
	1,203.11	1,613.29	3,111.62	1,661.05
	2,163.40	1,166.60	855.36	342.13
	513.06	739.17	540.28	158.05
	247.15	308.74	265.05	178.52
	3,335.2	3,209.3	2,145.9	1,584.1
	<b>25,118.74</b>	<b>27,458.43</b>	<b>25,334.74</b>	<b>11,660.35</b>

2017 7

2017 7-12

11,660.35      25,334.74      27,458.43      25,118.74  
 4.95%    4.91%    5.77%    4.83%

3

	2020	1-9	2019	2018	2017
	17,904.50		13,914.78	12,146.51	4,165.60
	2,968.51		11,709.18	10,177.39	5,542.87
	1,057.03		4,009.13	1,195.06	654.70
	4,594.99		3,449.55	2,287.08	878.80
	1,537.20		1,920.89	3,947.30	1,213.26
	502.52		529.09	464.68	217.94
	123.61		241.38	258.46	109.40
	248.42		148.59	236.54	98.92
	167.09		142.58	91.45	15.40
	120.52		170.13	142.81	33.61
	<b>29,224.40</b>		<b>36,235.31</b>	<b>30,947.28</b>	<b>12,930.50</b>

2017 7

2017 7-12

2017 -2019      2020      1-9  
 12,930.50      30,947.28      36,235.31      29,224.40  
 5.49%    6.00%    7.62%    5.61%

2017 -2019      2020      1-9  
 2019      2018

2020 1-9

400G

2020      2019

1-1-233

	2020 1-9	2019	2018	2017
	5,003.93	5,016.39	5,025.23	1,838.61
	715.24	1,813.23	574.74	306.62
( )/	-1,261.79	-1,922.46	753.92	664.61
	-	-	2,136.96	1,136.24
	349.03	427.02	579.98	379.80
	<b>3,375.93</b>	<b>1,707.72</b>	<b>7,921.35</b>	<b>3,712.65</b>

2017 7

2017 7-12

2017 -2019 2020 1-9 3,712.65  
7,921.35 1,707.72 3,375.93 1.58%  
1.54% 0.36% 0.65%

2018 7,921.35

2019

1,707.72

2019

2019

	2020 1-9	2019	2018	2017
	931.70	3,150.24	580.62	665.68
-	3,915.78	2,332.40	430.08	335.60
	1,520.00	2,000.00	1,664.40	-
-	1,056.40	723.28	231.38	-
	1,020.46	266.35	409.90	609.67
	<b>8,444.34</b>	<b>8,472.27</b>	<b>3,316.38</b>	<b>1,610.95</b>

	2020 1-9	2019	2018	2017
	-	5,612.24	506.67	332.39
	1,295.22	1,364.81	158.16	275.80
	-	-218.90	-	-
	-	-	-	451.65
	-	-	-	39.25
	1,295.22	6,758.15	664.82	1,099.09

1,099.09                      664.82                      6,758.15

1,295.22                      2019    2017                      2018

5,250.94

2020                      1-9    0

2017                      2018    -10,924.41                      1,420.69

2019                      2020                      1-9    2017

10,924.41    2017                      2    18

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"                      "                      3    "                      "                      6

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	2020 1-9	2019	2018	2017
	5.83	-13.17	-10.75	-176.73

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	<b>2020</b>	<b>1-9</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>
		8,444.34	8,472.27	3,316.38	1,610.95
		1,295.22	1,364.81	158.16	275.80

2015 7  
 GR201532000451) 3  
 " 15%  
 " 2015 15%  
 2018 10  
 GR201832000050) 3  
 2018 2020  
 15%  
 2019 11 28  
 GR201937000260 3  
 15%  
 2019 2021 15%  
 2015 5 8  
 [ 2015 282 ] 2015 8 31  
 [ 2015 133 ]  
 2011  
 21  
 ( [2011]58  
 ) 2011 1 1 2020 12 31  
 15% 15%  
 10G/25G/40G/100G/400G

100G/400G

	2020 1-9	2019	2018	2017
	620,731.45	520,609.85	628,870.16	258,547.39
	634,366.56	463,664.08	562,868.80	254,311.68
	<b>-13,635.11</b>	<b>56,945.77</b>	<b>66,001.35</b>	<b>4,235.71</b>
	360,793.36	334,961.53	15,670.68	50,342.82
	420,637.94	528,898.55	82,978.50	65,077.83
	<b>-59,844.58</b>	<b>-193,937.01</b>	<b>-67,307.81</b>	<b>-14,735.01</b>
	218,571.85	308,875.15	190,321.30	176,580.76
	132,804.05	153,160.32	176,623.41	78,518.35
	<b>85,767.80</b>	<b>155,714.83</b>	<b>13,697.89</b>	<b>98,062.41</b>
	<b>-1,743.61</b>	<b>777.50</b>	<b>1,479.86</b>	<b>-672.51</b>
	<b>10,544.49</b>	<b>19,501.09</b>	<b>13,871.28</b>	<b>86,890.61</b>

2017	2019	2020	1-9		
4,235.71	66,001.35	56,945.77	-13,635.11		
16,150.54	62,311.60	51,348.72	60,428.67	2017	
				2017	

100%      2017   7

2017      2020   9

2017      72,758.90

-33,478.83

-12,185.16

-10,924.41

-4,155.67

2018      2018      2019

2020   1-9

-13,635.11

2019

163,364.83

761,768.39

1,097,592.82

1

2020   9   30

		/		
1				5.66%
2				20%

		/		
3				82.79 %
4		Bo Lu		3.10%
5				3%
6			AI AI	1.47%

7

		894,349.06		2017	
		2019			
2018	4				
15.56		400G		100G	5G
			2018	12	
2019	3				
				2019	4 2
34,378,038				2019	4 10
	5			A	34,378,038
	45.26	/			155,595.00
3,336.54					152,258.46
					78,518.35
					176,623.41
	153,160.32		132,804.05		

				2017	2018	2019
2020	1-9					
42,077.83		60,773.50	75,930.64	69,326.44		

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"

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COB

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2020 9 30

50

1	800G		
2			
3	100G/200G/400G		

**1**

1

2

**2**

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3

2020 9 30

91,930.30

12.11%

1			30,000.00	29,500.00	2019/05/14-2022/05/13
2			100,000.00	15,000.00	2019/12/24-2020/12/24
3			80,000.00	3,000.00	2020/06/24-2022/06/24
4			80,000.00	20,000.00	2020/09/24-2022/09/23
5			20,000	1,000	2020/09/22-2021/09/22
6			60,000.00	5,000	2019/06/04-2022/08/11/29

2020 9 30

1

2020 9 30

---

2

1

2

50%

40%

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		2017	2020	9	
	235,708.35	515,631.42	475,767.70		520,478.56

100G 400G

800G

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2020

300,000.00

1		95,580.91	94,451.90
2		71,212.10	64,448.00
3		58,786.90	51,333.40
4		89,766.70	89,766.70
		<b>315,346.61</b>	<b>300,000.00</b>

" " " " 100%

8

100%

---

1,500  
600

200

**1**

**100%**

**1**

**2**

			2010 04 15
	22,641.722222		
	9132059455383489XX		
	168		

**2020 9 30**

**2019 12**

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	88 H 2
	822,800
	2012 11 6
	2012 11 6 2062 11 5

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**B.**

2017 0000080	168	/	90,318.76	58,251.38	2060 05 30

**C.**

95%

5%

**D.**

**6**

2019      2020      1-9

2019      2020      1-9

**7**

**8**

2020      11      9

2020      12

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9

2020 9 30 37,940.93

2020 1626 38,092.39

3.80

3.80

**2**

**1**

,

3 2021-2023

/	
800G	SFP-DD/OSFP 100G PAM4 7nm 800GQ
(CPO)	(>=8 )
	400G/800G
	COSA 400km 800G 80km 400G
	850nm/25G/50G VCSEL (DFB) (EML) 50GPAM5
	2D 3D

305

/			
		( / )	( )
1	(Tunable laser C band)	1	34.50
2	(Tunable laser O band)	1	34.50
3		2	138.00
4		2	138.00
5	A	1	6.90
6	B	6	124.20
7	A	2	13.80
8	B	6	20.70
9	C	2	6.00
10	Zygo Surface Profiler	1	103.50
11	IR Camera	2	48.30

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12	Scanning Electron Microscope (SEM)	1	138.00
13		1	13.80
14		1	6.90

50		4	1,380.00
51		4	276.00
52	HFSS	1	207.00
53	ANSYS	1	69.00
54		2	8.00
55	(30W)	2	40.00
56		1	46.00
57	FPGA	2	40.00
58		5	10.00
59	+	5	30.00
60	( )	1	20.00
61		2	10.00
62		5	25.00
63		2	100.00

89	E-Gun (Dielectric film)	1	322.20
90	Bar Tester (RT, HT)	1	46.20
91	Sorter	1	276.00
92		1	229.80
93	Far Field angle	1	34.50
94	(3 sets)	1	103.50
95		1	2,794.50
96		1	138.00
97		1	27.60
98		1	34.50
		210	27,400.40
/			
1		2	4.90
2		1	10.50
3	CWDM	2	2.10
4		1	14.00
5		8	1,120.00
6		2	6.00
7		2	5.00
8		1	50.00
9		1	100.00
10	AOI	1	80.00
11		1	60.00
12	A	5	50.00
13	B	4	44.00
14		2	2.00
15		2	1.00
16		4	40.00
17	COC BI	5	240.00
18		4	20.00
19		2	4.00
20		1	5.00
21	BERT/EVB	17	13.60
22	A	4	36.00
23	B	4	3.60
24		8	6.40
25		2	30.00
26		4	4.80
27		1	2.00

28		1	42.00
29		2	4.00
30		1	3,000.00
		95	5,000.90

450  
150 300  
2

57,580.91

1		54,827.20	54,827.20	
1.1		21,860.00	21,860.00	
1.2		32,401.30	32,401.30	
1.3		565.90	565.90	
2		1,624.80	1,624.80	
3		1,129.00	-	
		57,580.91	56,452.00	

3

5G

" "

IC

IC

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4

(CPO)

800G

2008

10G SFP+ 25G SFP28 40G QSFP+ 100G  
QSFP28 100G Single Lambda 400G OSFP 400G QSFP-DD CFP2 DCO/OSFP  
DCO/QSFP-DD DCO

1-1-257

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AT&T

5

6

2020 579

2020 614

20203205000100000924

002439400

1

5G

1-1-258

10G 25G 40G 100G

200G 400G 800G

100G 400G

800G 400G  
2023-2024 800G

5G

400G 800G

50G 100G 200G

3 (2021-2023 )

4

2

71,212.10

1		32,810.70	46.07%
2		29,539.20	41.48%
3		2,098.10	2.95%
4		1,289.00	1.81%
5		5,475.10	7.69%
		<b>71,212.10</b>	<b>100%</b>

3

1

28% 16% 6% 50%  
13%

Finisar Oclaro

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50%

400G

ADC/DSP

400G

2-3

400G

800G

2

"

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400G

800G

4

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1

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" " " +"

" " "

"

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" " " "

" 5G+

" 512

5G

5G

" 5G+ "

2

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3

"

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ISO9001:2015

TL9000 H6.0/R5.5

ISO14001:2015

ISO45001:2018

5

1

50G 100G 200G 400G 800G

10

1-3

2

4

2

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$$\begin{aligned} &= \quad + \\ = & \quad + \quad + \\ = & \quad + \end{aligned}$$

	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10
	-	1,217.39	2,308.57	2,950.27	2,386.31	1,979.49	1,740.30	1,531.32	1,422.33	1,350.17
	-	6,898.53	13,081.92	16,718.22	13,522.41	11,217.08	9,861.69	8,677.45	8,059.84	7,650.96

6

2020 580

2020 613

20203205000100000923

002437000

1

400G

50G 100G 200G

100G 400G

400G

2 (2021-2022

)

3

2

58,786.90

1		49,449.40	84.12%
2		1,884.00	3.20%
3		2,053.30	3.49%
4		5,400.20	9.19%

		<b>58,786.90</b>	<b>100%</b>

3

"

"

4

"

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5

1

+ 50G 100G 200G 400G 800G

10

1 2

3

2

= + +

= + +

= +

	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10
	57,027.39	122,447.01	167,146.24	135,040.81	115,323.81	98,745.15	88,825.07	80,008.21	75,131.49	71,374.90
	41,829.30	87,230.80	119,441.90	96,613.20	83,190.00	71,262.50	64,121.50	57,773.40	54,256.00	51,543.20
	315.10	396.00	686.40	877.90	770.50	690.10	642.10	599.50	576.00	558.00
	6,672.20	14,326.30	19,556.10	15,529.70	13,262.20	11,355.60	10,214.90	9,120.90	8,564.90	8,136.80
	8,210.79	20,493.91	27,461.85	22,020.02	18,101.11	15,436.95	13,846.57	12,514.42	11,734.59	11,136.91
	1,231.60	3,074.10	4,119.30	3,303.00	2,715.20	2,315.50	2,077.00	1,877.20	1,760.20	1,670.50
	6,979.19	17,419.81	23,342.55	18,717.02	15,385.91	13,121.45	11,769.57	10,637.22	9,974.39	9,466.40

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6

2020-340760-39-03-035249

2020 49

1

89,766.70

2

1

2020 9 30

41.83%

73.69%

2

2017	2018	2019	2020 1-9
235,708.35	515,631.42	475,767.70	520,478.56

1-1-268





	( )	
( [2017]741 )	( " "	
" " ) 13.54 /	( ) (	
" " ) 27	206,794,668	
( " " )	2017 7 3	
		(
) 2017 7 4	XYZH/2017JNA20188	
	13.54 /	
	( )	
	( )	
36,189,068		
489,999,980.72		21,000,000.00
( ) 468,999,980.72		
853543030122600917	468,999,980.72	
	17,592,983.74 ( )	
451,406,996.98	2017 8 2	
( )	2017 8 3	
XYZH/2017JNA20195		

2020 6 30			
	236,078.74		236,078.74
		2019 1 8	
		( [2019]24 )	5
		(A )34,378,038	
	45.26		1,555,949,999.88
33,365,369.04 ( )			1,522,584,630.84
	2019 3 22		
( )	2019 3 25		(2019)
0206			
	2020 6 30		468,481,852.72

( )

				279,999.98					279,999.98
					2017				279,999.98
					2018				-
					2019				-
					2020 1 6				-
					2020 6 30				
									(

)

( )

49,000.00						49,052.85					
						2017 40,530.97					
						2018 8,521.88					
						2019 -					
						2020 1-6 -					
						2020 6 30				( )	
1			19,400.00	19,400.00	19,418.09	19,400.00	19,400.00	19,418.09	18.09	2019 9	
2			25,600.00	25,600.00	25,634.76	25,600.00	25,600.00	25,634.76	34.76	2019 10	
3			4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	-		
			<b>49,000.00</b>	<b>49,000.00</b>	<b>49,052.85</b>	<b>49,000.00</b>	<b>49,000.00</b>	<b>49,052.85</b>	<b>52.85</b>		

( )

						155,595.00					107,665.59	
						40,000.00	2017					
						25.71%	2018					
							2019					86,311.36
							2020	1	6			21,354.23
						2020 6 30						
											( )	
1	400G	400G	35,082.00	35,082.00	35,299.96	35,082.00	35,082.00	35,299.96	217.96	2021	4	

2

83,539.70

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1

2017 10 27

34,101.82

( 2017 10 20 )

( ) 2017

10 27

2017 10 20

(XYZH/2017JNA20209)

2

2019 4 22

38,083.48

( 2019 4 22 )

(

) 2019 4 22

2019 4 22

(

(2019) 2148 )

2019 4 22

100,000

12

2019 5 15

2018

2020 4 17

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65,000

3

2020 4 22

75,000

12

2020 6 9

2019

2017 9 6 (2017

) 2020 6 30

489,850

486,250 2020 6 30

3,600

2020 1 22

"

"

40,000.00

" 400G

"

50

400G

		2020 6						2020 6	
		30		2020 1-6	2019	2018	2017	30	
1	100%		66,800.00			66,257.03	58,922.15	148,796.51	

		2020 6						2020 6	
		30		2020 1-6	2019	2018	2017	30	
1		83.6%	20,181.50	7,721.87	15,060.76	14,550.36	13,809.34	51,142.33	
2		80.2%	26,549.50	11,701.05	22,870.71	22,885.22	22,769.68	80,226.66	
3									

		2020 6 30						2020 6 30	
				2020 1-6	2019	2018	2017		
1	400G		16,118.00	8,644.68	4,184.33			12,829.01	
2			15,914.50	1,694.42	566.97			2,261.39	
3									
4									
5	400G ( 3)								



95%

2

(2018) 1867 ( ) 2017 2016  
2016  
236,173,335.63 2016  
136.52%

(2018) 1867 ( ) 2017 2016  
2017  
589,221,524.00 2017  
272.79%

(2019) 2174 ( ) 2018 2017 2016  
2018  
662,570,254.41 2018  
237.48%

(2020) 3069 " 2020 6 30

[2007]500  
2020 6 30 "

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## 第九节 声明

### 一、公司及全体董事、监事、高级管理人员声明



## 第九节 声明

### 一、公司及全体董事、监事、高级管理人员声明

本公司及全体董事、监事、高级管理人员承诺本募集说明书内容真实、准确、完整，不存在虚假记载、误导性陈述或重大遗漏，按照诚信原则履行承诺，并承担相应的法律责任。

全体董事签字



## 第九节 声明

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公司、董事、监事、高级管理人员承诺本募集说明书内容真实、准确、完整，不存在虚假记载、误导性陈述或重大遗漏，按照诚信原则履行承诺，并承担相应的法律责任。

全体董事签字：

王伟修

刘 圣

王晓东

刘海峰

刘 圣

王晓东



## 第九节 声明

### 一、公司及全体董事、监事、高级管理人员声明

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全体董事签字：

王伟修

刘 圣

王晓东

刘澄伟

赵贵宾

陈大同

金福海

夏朝阳

刘 斌

中际旭创股份有限公司  
2024年2月25日

## 一、公司及全体董事、监事、高级管理人员声明

本公司及全体董事、监事、高级管理人员承诺本募集说明书内容真实、准确

监事签字:

  
\_\_\_\_\_  
成志杰

  
\_\_\_\_\_  
王进

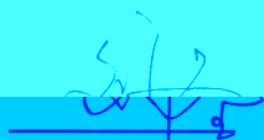
  
\_\_\_\_\_  
陈彩云



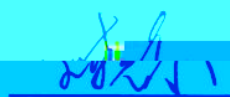
## 一、公司及全体董事、监事、高级管理人员声明

本公司及全体董事、监事、高级管理人员承诺本募集说明书内容真实、准确、完整，不存在虚假记载、误导性陈述或重大遗漏，按照诚信原则履行承诺，并承担相应的法律责任。

全体高级管理人员签字：



刘 圣



王晓东



王晓丽



Osa Chou-Shung Mok


(莫兆雄)



王 军



二、公司高级管理人员

  
Osa Chou-Shung Mok

(莫兆雄)

王 军



## 二、公司控股股东、实际控制人声明

本公司或本人承诺本募集说明书内容真实、准确、完整，不存在虚假记载、误导性陈述或重大遗漏，按照诚信原则履行承诺，并承担相应的法律责任。

公司控股股东（盖章）：山东中际投资控股有限公司



控股股东法定代表人

A handwritten signature in black ink, appearing to be "王伟修".

王伟修

实际控制人签字：

A handwritten signature in red ink, appearing to be "王伟修".

王伟修

2021年 2月 26日

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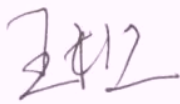
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## (二) 保荐机构（主承销商）董事长和总经理声明

本人已认真阅读募集说明书的全部内容，确认不存在虚假记载、误导性陈述或重大遗漏，并对其真实性、准确性、完整性、及时性承担相应的法律责任。

总经理（总裁）签字：



王 松



董事长签字

贺 青



#### 四、律师事务所声明

本所及经办律师已阅读募集说明书，确认募集说明书与本所出具的法律意见书不存在矛盾。本所及经办律师对发行人在募集说明书

张学兵



2021年2月26日

### 关于中际旭创股份有限公司

普华永道会计师事务所(特殊普通合伙)在担任中际旭创股份有限公司(以下简称“中际旭创”)的审计机构期间,对中际旭创及其子公司(以下简称“中际旭创集团”)出具的上述审计报告的内容无不保留意见。

本所及签字注册会计师对中际旭创股份有限公司在募集说明书中引用的

上述审计报告的内容,与中际旭创集团提供的上述审计报告内容一致,且中际旭创集团提供的上述审计报告内容真实、准确、完整,不存在虚假记载、误导性陈述或重大遗漏。



## 审计机构声明

本所及签字注册会计师已阅读募集说明书及其摘要，确认募集说明书及其摘要与本所出具的报告不存在矛盾。本所及签字注册会计师对发行人在募集说明书及其摘要中引用的财务报告的内容无异议，确认募集说明书不致因所引用内容而出现虚假记载、误导性陈述或重大遗漏。

## 六、资产评估机构声明

本机构及签字资产评估师已阅读募集说明书，确认募集说明书与本机构出具的评估报告不存在矛盾。本机构及签字资产评估师对发行人在募集说明书中引用的评估报告的内容无异议，确认募集说明书不因引用上述内容而出现虚假记载、误导性陈述或重大遗漏，并承担相应的法律责任。

签字资产评估师：

方明

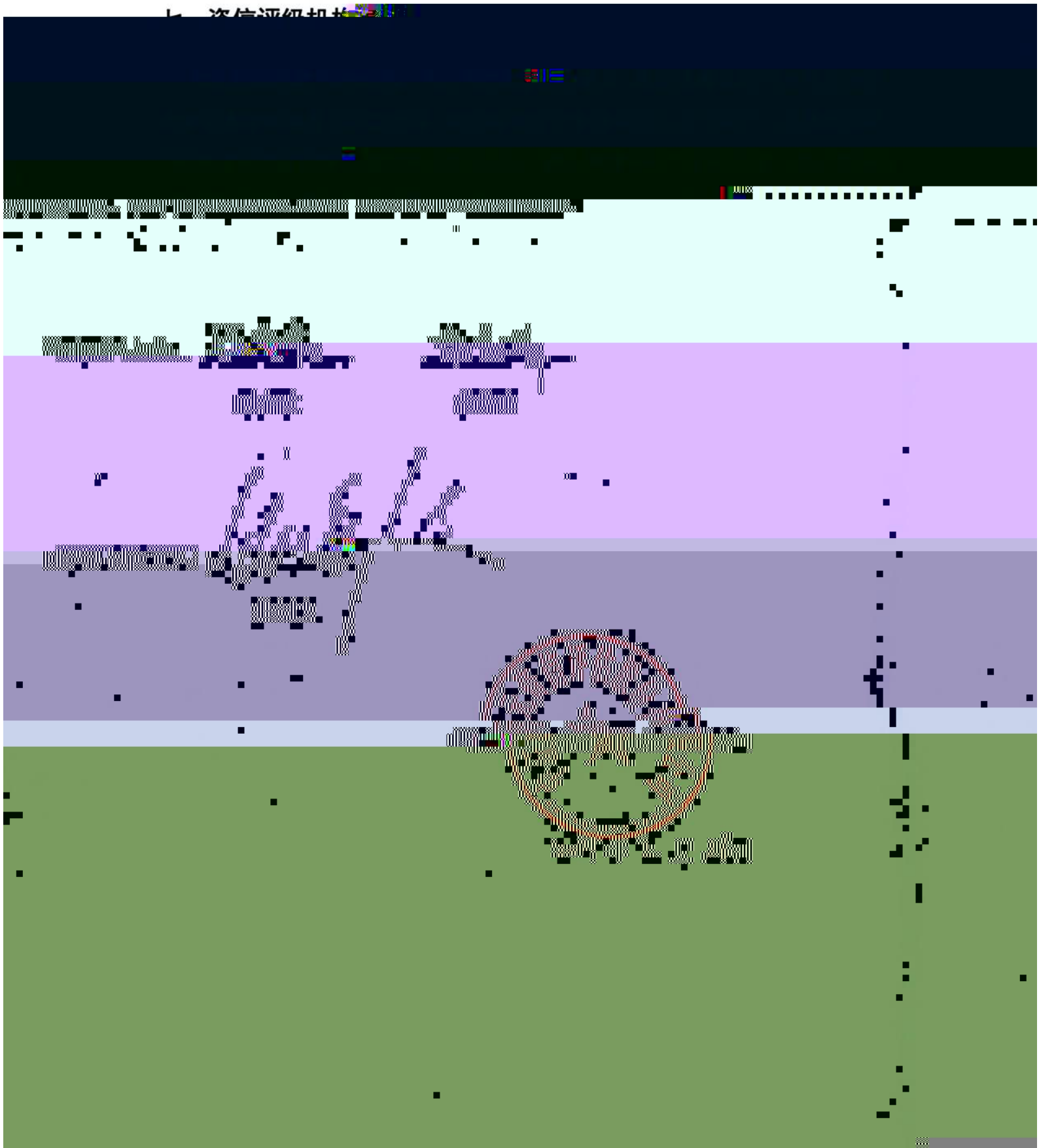
顾俊

资产评估机构负责人：

王小敏

上海东洲资产评估有限公司

2021年2月26日



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### 3、严格执行公司的分红政策，保障公司股东利益回报

公司将严格按照《上市公司监管指引 2 号—上市公司募集资金管理和使用的监管要求》、《深圳证券交易所创业板股票上市规则》、《深圳证券交易所创业板上市公司规范运作指引》及公司《募集资金使用管理制度》的有关规定，规范募集资金使用，保证募集资金专款专用，严格按照招股说明书披露的用途、专户存储机构对募集资金使用的提议和

监督，以保证募集资金合理规范使用，防范募集资金使用风险，提高募集资金使

工作的意见》、中国证监会《关于进一步落实上市公司现金分红有关事项的通知》

持续稳定的回报。同时，公司将根据外部环境变化及自身经营战略需求，综合考  
虑中小股东的利益，对现有的利润分配制度及现金分红政策及时进行完善，以强

