

股票简称：中际旭创

股票代码：300308



中际旭创股份有限公司





上

其



30% 10%

50% 5,000

30%

2

1

80%

2

40%

3

20%

3

4

5

专 其

1

1 2017

2018	5	17	2017	2017
			473,857,056	10

0.38

18,006,568.13

2017

2018	7	3	2017
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2018	7	10
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2018	7	11
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2 2018

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
3 2019		
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
2		

	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%

其

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2019 9 1

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2020 1

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15%

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1-1-8

"	"	2020	9	13%
13%				
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3				
85%				

7

AA

AA

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.....	290

		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		

WEEE		
FDA		
FCC		
UL		
TUV		
IPTV		

上

上

	ZHONGJI INNOLIGHT CO.,Ltd.
	300308
	2005 6 27
	71,316.51
	0535-8573360
	0535-8573360
	265705
	http://www.zj-innolight.com
	info@zhongji.cc

5G

1-1-20

上 其

1

"

2

300,000.00

1

$$I=B \times i$$

I

B

" " " "

i

2

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8

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

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

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

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

$$P_1 = P_0 - D$$

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

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

/

9

$$Q=V/P$$

Q

P

V

10

1

85%

2

11

1

2

130% 130%

3,000

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

IA

B

i

t

12

1

70%

2

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

IA

B

i

1-1-26

t

13

14

15

16

1

2

3

4

10%

17

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
		315,346.61	300,000.00

18

19

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其

" AA "

" "

" AA "

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

具

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上

	0535-8573360
	0535-8573360

	618
	021-38031866
	021-38670666

专

--	--

	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

具

	7008 3
	0755-82872897
	0755-82872897

不

	2012
	0755-88668888

	0535-8573360
--	--------------

	2012 22-28
	0755-21899999
	0755-21899000

2020 11 30

254,779 0.04%

443,0250 0.06%

专

上

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专

2019	5	17	3,000
2019	9	1	

上

专

2020 1

专
上

15%

1-1-36

“ ” 2020 9 13%
13%

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85%

其 企

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上 其

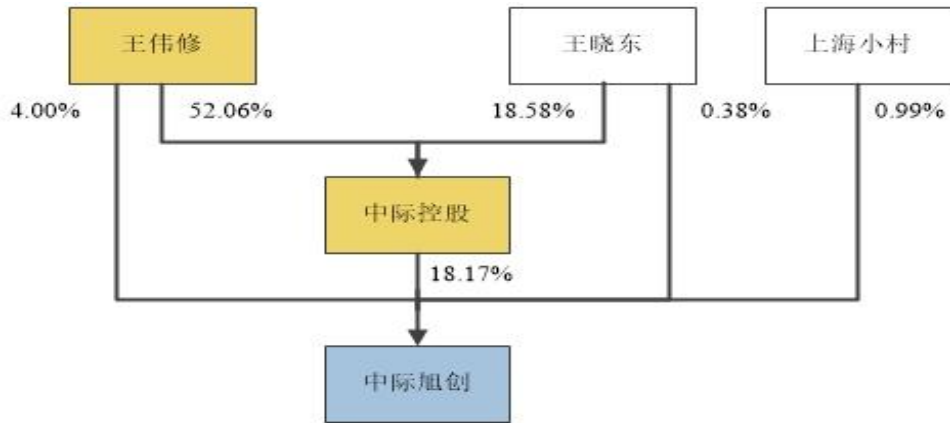
上 其

2020 9 30

713,165,136

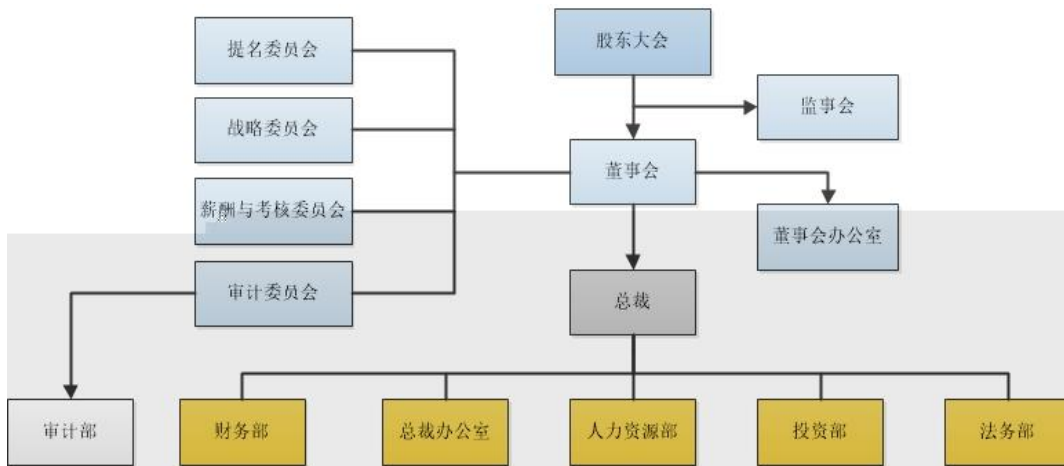
		%
	679,528,463	95.28
	33,636,673	4.72
	0	0.00
	33,454,673	4.69
	182,000	0.03
	713,165,136	100.00

2020 9



其

2020 9 30



专 其

1

2020 9 30

1

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

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		2020 9 30	2019 12 31
		981,387.86	813,106.35
		524,790.02	470,057.44
		2020 1-9	2019
		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%

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

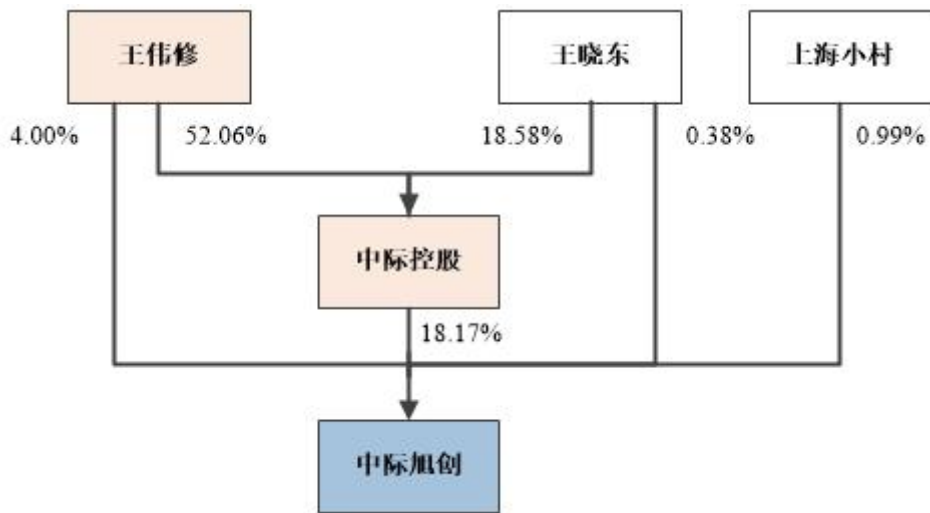
		2018-08-24	101,000	2.97%
		2020-01-21	100,000	3%
		2018-02-07	1,250	20%
		2009-09-30	901	5.66%
		2018-03-29	12,882.4	82.79%
		2019-09-05	609,1288	3.10%
		2018-08-29	68,200	1.47%

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1

2020 9 30



23.54%

2

	2,000	
	1999 01 18	
	91370681706399244W	
		2019 12 31
		87,857.81
		-32,137.22
		2019
		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%

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%
		20,000,000	100%

3

2020 9 30

52.06%

2,850.80

16,789.97

23.54%

1950 11

2010 10 2017 5

2017 5

2020 9 30

1		1999-01-08	2,000			52.06%

专

2020 9 30

其
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上

	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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			2			
			3			
			1		2012 10	4
			2			
			3			
			4			
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			5			
			6			

			7			
			8			

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2012 4
10

A

B

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D

4

					2012 4 10	
					2012 4 10	
					2012 4	

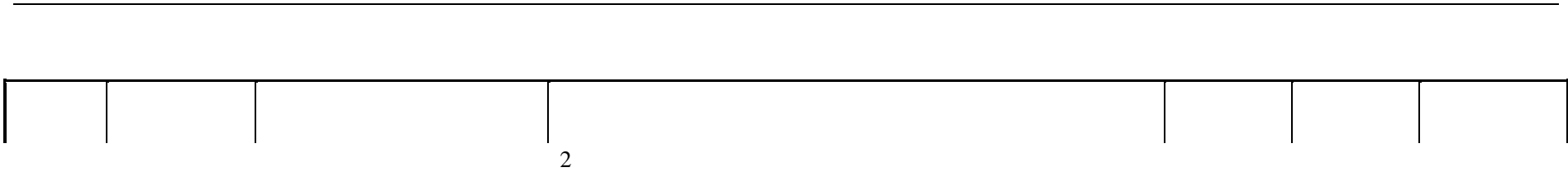
			/	10		
			/	2012 4 10		
			11	2012 4 10		
			11	2012 4 10		
				2018 6	2019 6	

					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 18	11

					2019 7 23	2020 7 22
					2019 11 09	2020 11 08

5G

			2019	12	20	
			1	/		
			/			
			2	/		
			3	/	/	
			/	/	/	
			/	/	/	2016 11 25
			4	/	/	
			5	/		
			1	/		2016 11 25



3

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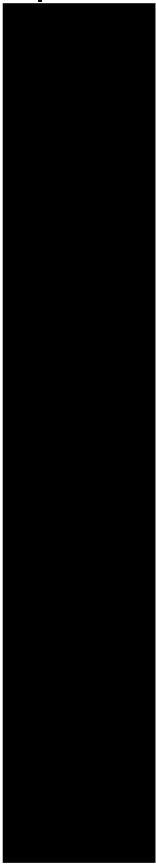
			/ / / 3 / / 4 / / / /	2		
			1 2 3 4 5	2016 11 25		

	InnoLight Technology HK Limited ITC Innovation		1 / /			
			2 /	/		
			3 / /		2016 11	
			4 / /		25	
			5 InnoLight Technology Corporation / / / /			
				/ /		
				/ /		

			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
					/	

			60			



InnoLight
 Technology
 HK Limited
 ITC
 Innovation

/ /

2017 8
 11

			<p>1 Innolight USA, Inc.</p> <p>3 Innolight USA, Inc.</p> <p>Innolight USA, Inc.</p> <p>Innolight USA, Inc.</p> <p>2 Innolight USA, Inc.</p> <p>Innolight USA, Inc.</p> <p>Innolight USA, Inc.</p> <p>2 Innolight USA, Inc.</p> <p>Innolight USA, Inc.</p> <p>Innolight USA, Inc.</p> <p>USA, Inc.</p>	<p>Innolight USA, Inc.</p> <p>Innolight USA, Inc.</p> <p>Innolight USA, Inc.</p> <p>Innolight USA, Inc.</p> <p>Innolight USA, Inc.</p> <p>Innolight USA, Inc.</p> <p>Innolight USA, Inc.</p> <p>Innolight USA, Inc.</p> <p>Innolight USA, Inc.</p>	<p>2017 8</p> <p>11</p>	<p>2022 8</p> <p>10</p>
	Wei-long William Lee				2017 8	2022 8
			1		2017 8	2022 8

			2	3		
			2			

/ /

2017

			2			
			/ /	/ /		
			3			
			4	/ /		

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

	- - 1 -				
			25%	2012 4 10	



2012 4
10

			25%		2012 4 10	

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2

3

1

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3

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4

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			7			
			8	,		

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					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 " " 2019 12 12	2019 12 20	2020 12 19

1

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1

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3

/

上

Osa Chou-ShungMok	

1

9

"

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" "

" " 3

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1971 7

(TEEC)

Pine Photonics

Communications

Opnext Inc.

2008 5 2017 6

2016

5

2017 7

2017 10

2020 7

2017 8

1976 12

2015

3 2016 1

2016 1

2018 3

2017 11

2016 1

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

" /

2010 3 2010 10
 2010 10 2010 10 2016 2
 2010 10 2017 8 2017 9
 2016 2
 1971 10
 1990 1997 1997
 2017 9
 1981 5
 2003 7 2005 5 2005 5
 2011 1 2013 4 2015
 9 2015 9
 2017 9
 3
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 " "
 " "
 Osa Chou-Shung Mok 1950 2
 University of Santa Clara MBA 1979 7 1985
 3 Hambrecht & Quist, San Francisco 1985 3 1992
 12 GTE 1993 1 1999 12 Sunnyvale
 2000 1 2003 12 Pine Photonics
 Communications 2004 1 2008 2
 Uniwave, Inc. 2008 4
 2018 3
 1971 11 2004
 2018 1

	7,1316.5136	1.26%	100	
	7,1316.5136	0.14%		10.00%
2020			2020 12 14	
				148
899.90		2020 12 15		
148		899.90		
其				
	2020 9 30			

具

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

不

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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

7 9

5 2018 6 12
2018 6 12

6 2018 7 9 2018

7 2019 2 16

8 2019

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

7 2018 3 27

8 2020 6 10

具 其
上

" C39

"

" C76

"

1

2

1

		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 /
		2020	92 9022
		2017	5G v+XQ FOURT7D5b Cg5EX† T

		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	" " " "

2009

2011 " "

1

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%

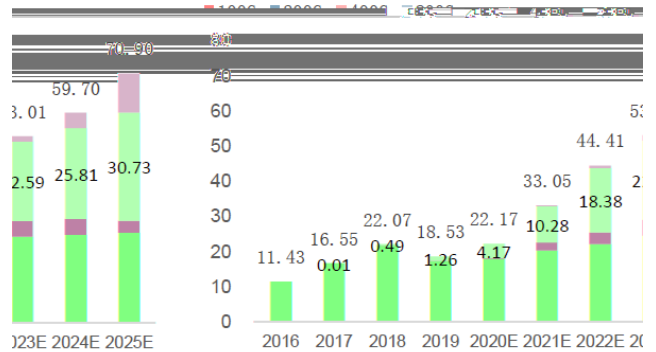
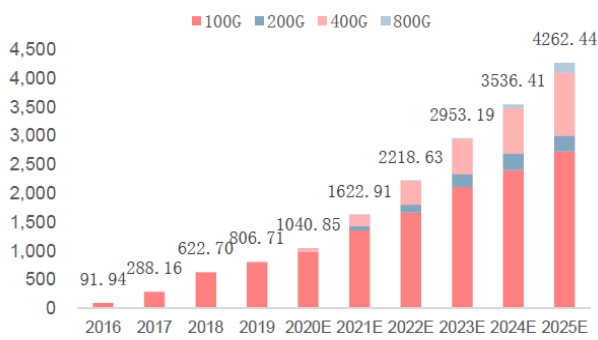


Yole

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

15%

7%

10Gb/s

50%

25Gb/s

25Gb/s/PIN

/APD

25Gb/s

VCSEL

DFB

EML

25Gb/s

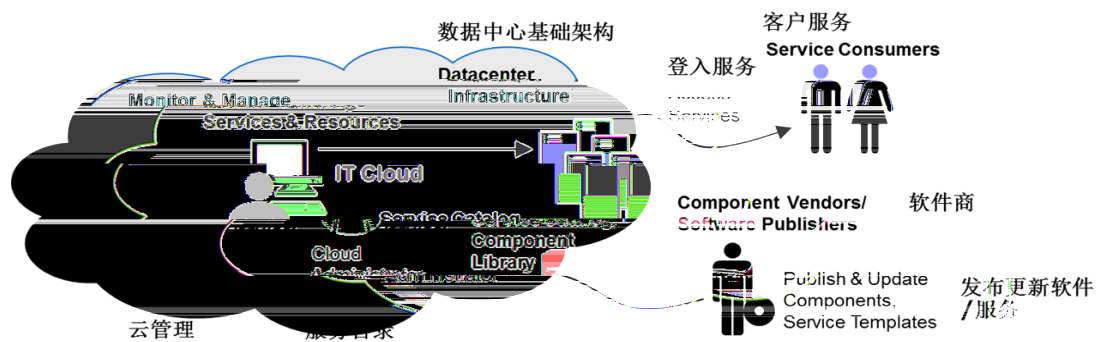
3

5G

AWS

Azure

IT



Workload

2016

83%

2021

94%

6

CAGR

-5%

6

CAGR

22%

71.5%

13.6%

Datacenter to

1-1-95

Datacenter

GCI2016-2021
2021

GCI2016-2021

IT

A.

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

Wind

2

- - - - -
1/10 10 1 1/10
2021 85%
71.5% 13.6%
Leaf-Spine

Wind

25/100G 50/200G/400G

	8.8	9.2	44 /48

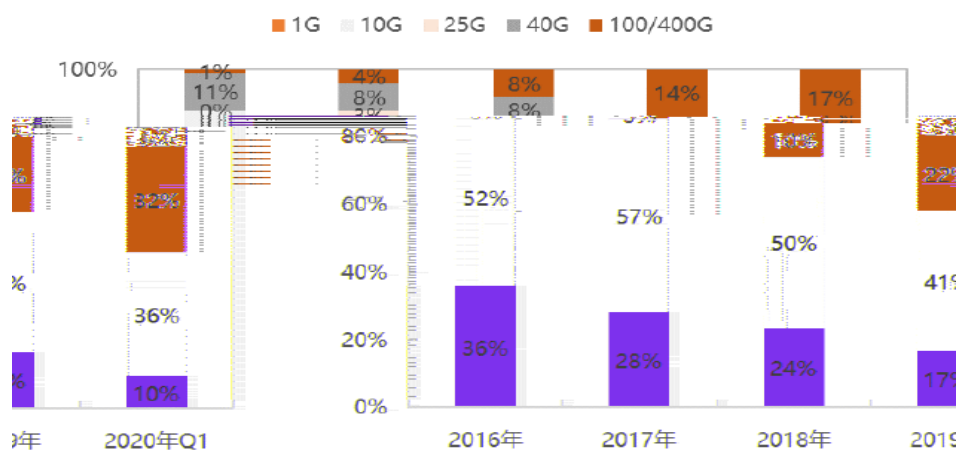
51CTO

C.

7% 2020

50%

2016 -2020 Q1



Gartner
100G/400G

40G

2020 -2023

100G

2023

33,766

30%

2018

8%

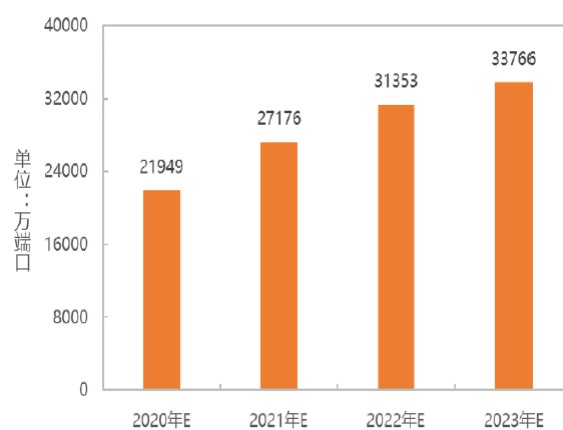
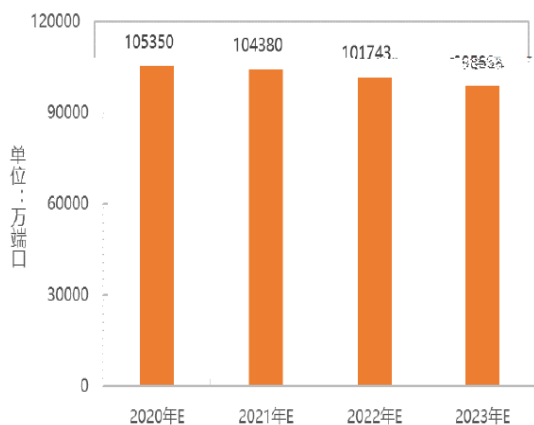
22

2-3

100G

100G

100G



Gartner

10Gbps

3m

1

100G

2

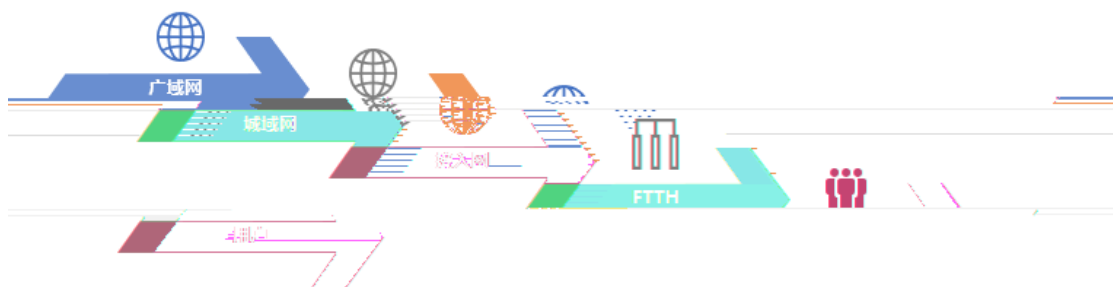
3

100G 200G 400G 800G

5G

A.

5G



IP ATM

" "

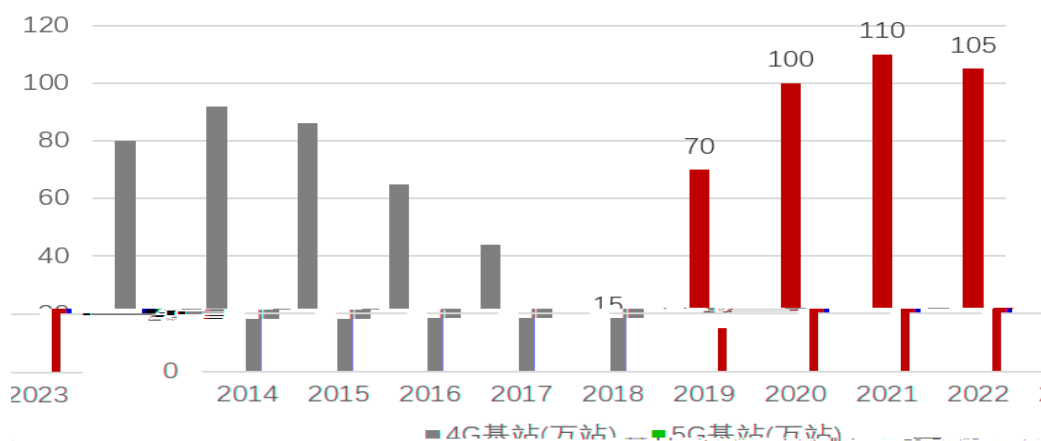
	- -	DWDM ASON
		SDH MSTP
		EPON GPON

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

B. 5G

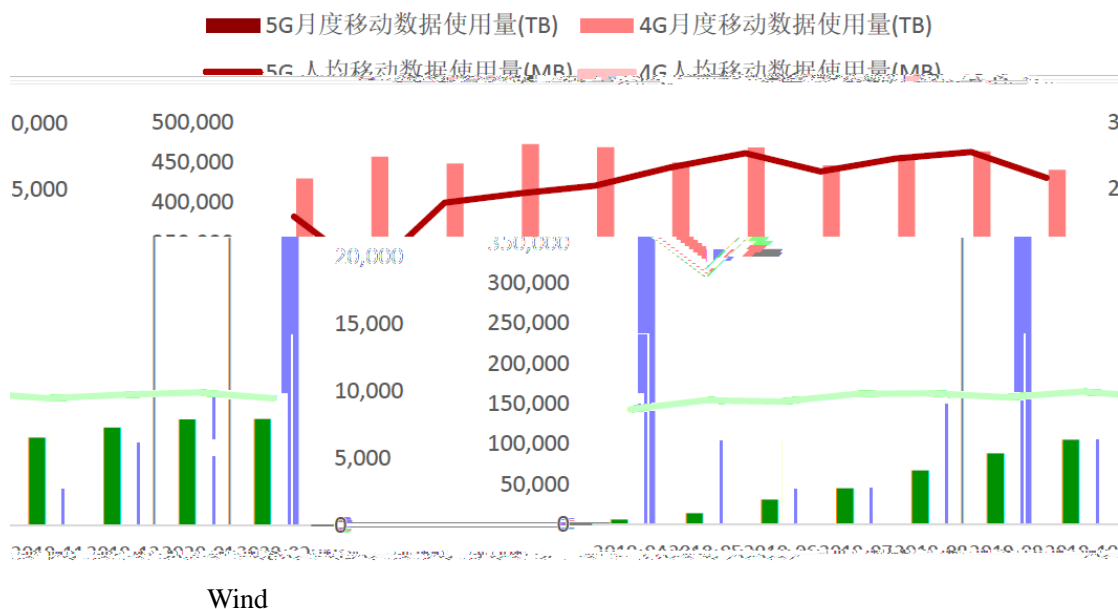
2020 5G 5G
" " 2020
5G 5G
2020
5G
2019-2023 5G
400 5G 2,600

5G



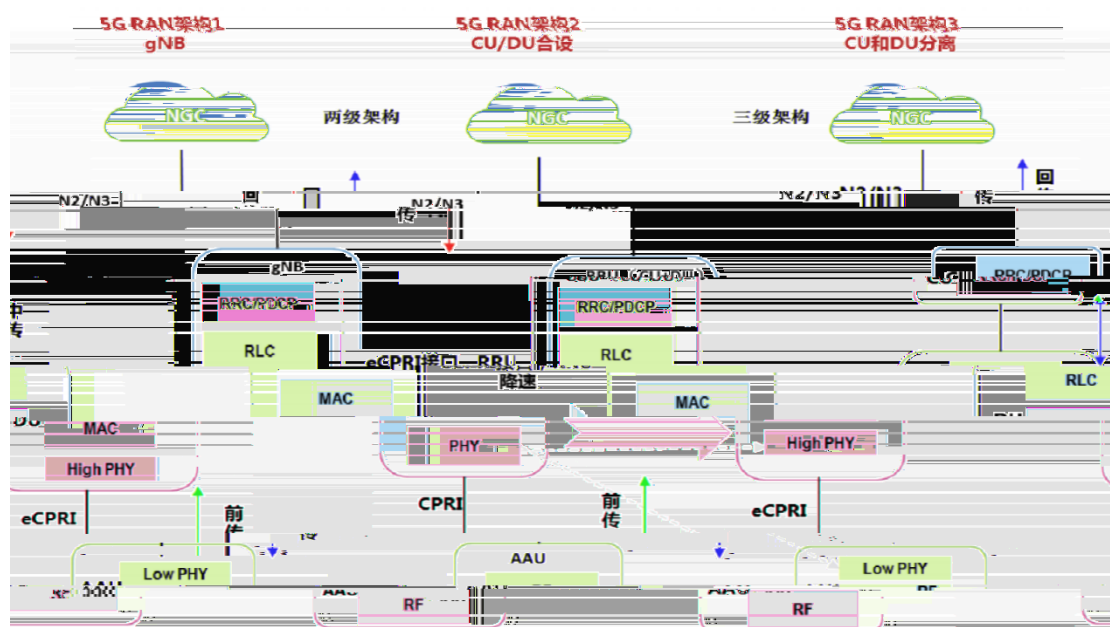
5G		10	
5G	DOU	60GB	5G
2019	4	5,938TB/	2020
132,057TB/	22.24	4G	
10	25.22GB	4GDOU	9.26GB
2	5G DOU	2020	2
5G	4G 2.72		
DOU	8.88GB	5G/4G	5G
	20GB		

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	BBU	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

A.

VCSEL FPLD DFBLD EML

PIN APD

B.

X-Y-Z

IC

GaAs/InP

SiGe

C.

100G 400G

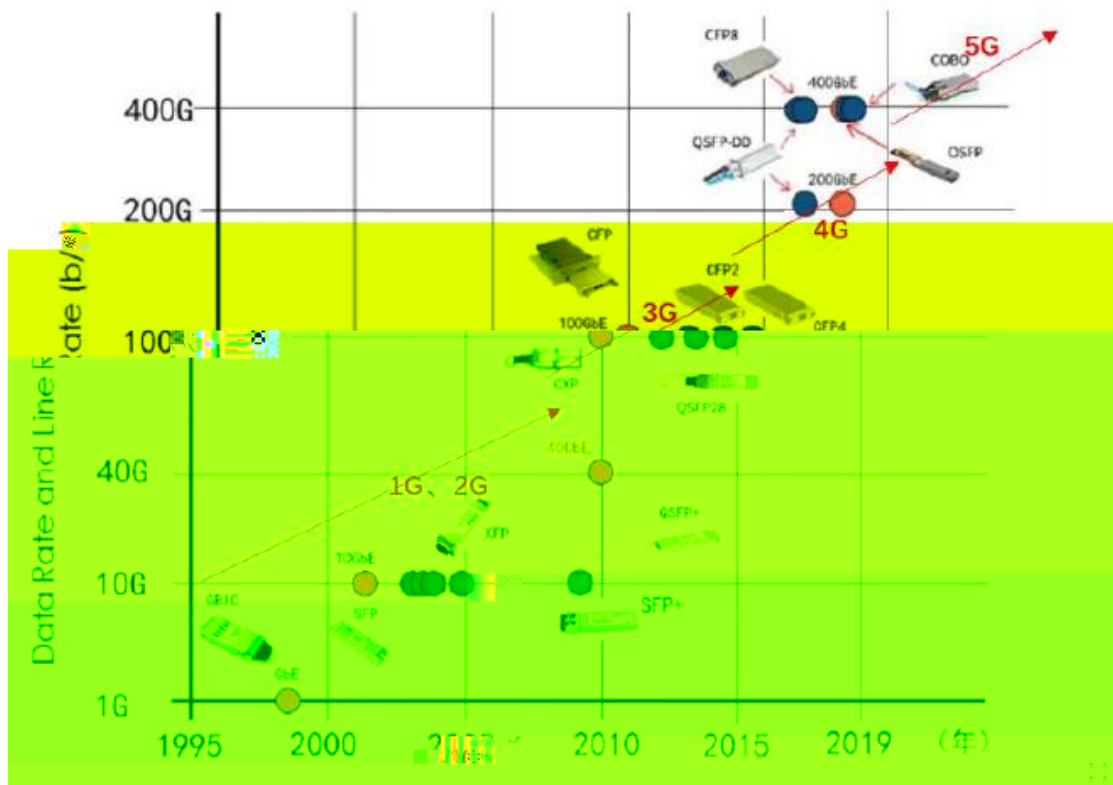
D.

100

1550 (

1530

1565nm)



100G

400G/800G

CMOS

/

400G

PAM4

DRIVER MUX

400G

Luxtera

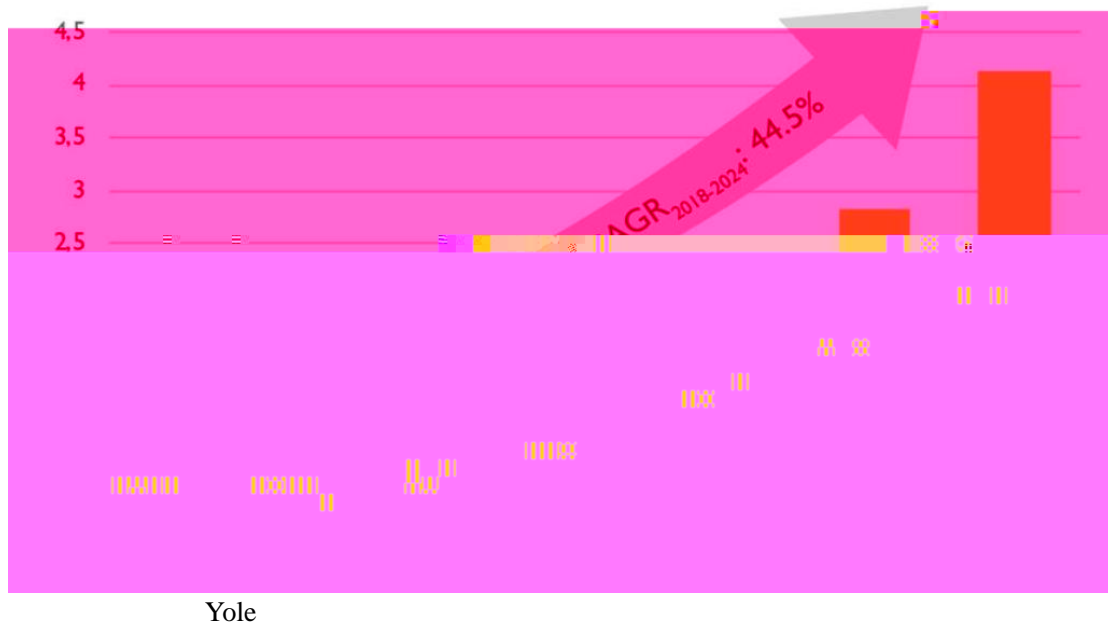
Intel Intel 400G InP
Intel 100G
400GQSFP-DDDR4 DR4 400G
1 4 Breakout 100GDR1/FR1
400G

WDM

Yole

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

2018-2024



Yole

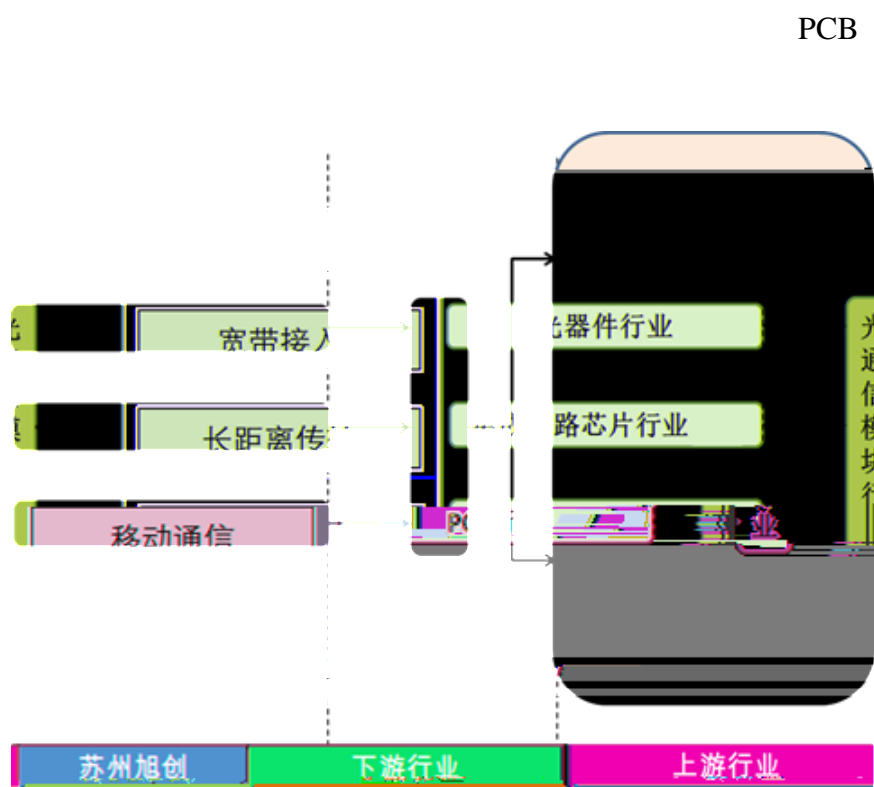
2

1

2

专

1



1

PCB

PCB

2

5G

2

1

2

85%

1

1

2

CE CB

RoHS/WEEE

FDA FCC

UL

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2

1



2

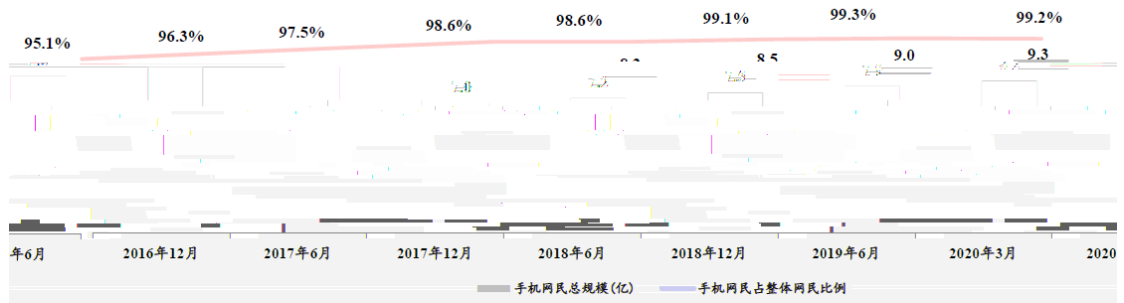
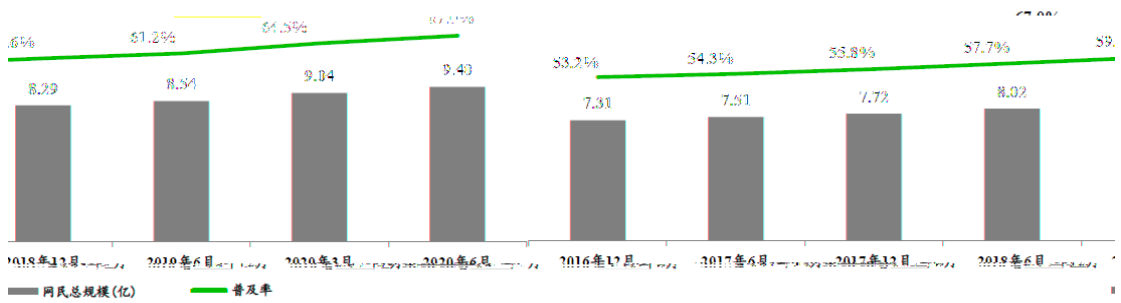
3

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

具 其

1

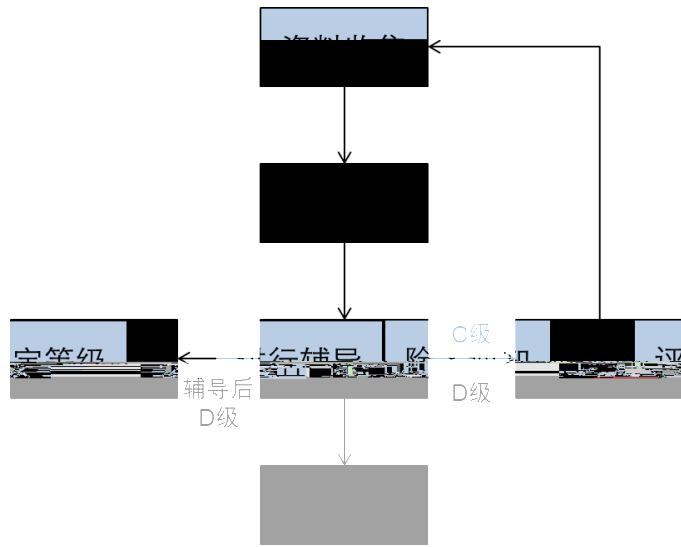
1

A.

B.

D

C



C.

IQC

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

" "

A.

B.

C.

/

2

A.

“ ”

B.

C.

2-3

45

D.

"

"

"

1-1-120

“ ”

“ ”

“ ”

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“ ”

“ ”

“

3-6

2

1

PCB

PCB

2

不

1

1

2017 Finisar

Lumentum Oclaro 2018 Lumentum Oclaro II-VI

Finisar

		/	
2016.02		Almae	InP
2018.02	Lumentum	Oclaro	InP

2018.04

C. Source Photonics

Source Photonics 2000

D.

E. 002281.SZ

2001

2009 8

2012 12

WTD

F. 000988.SZ

G. 300502.SZ

2008

FTTx LTE

ICT

2

ES



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.

2

" "


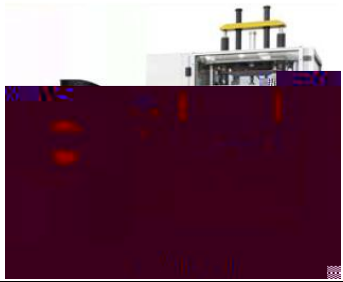



1/5 1/2

不 其

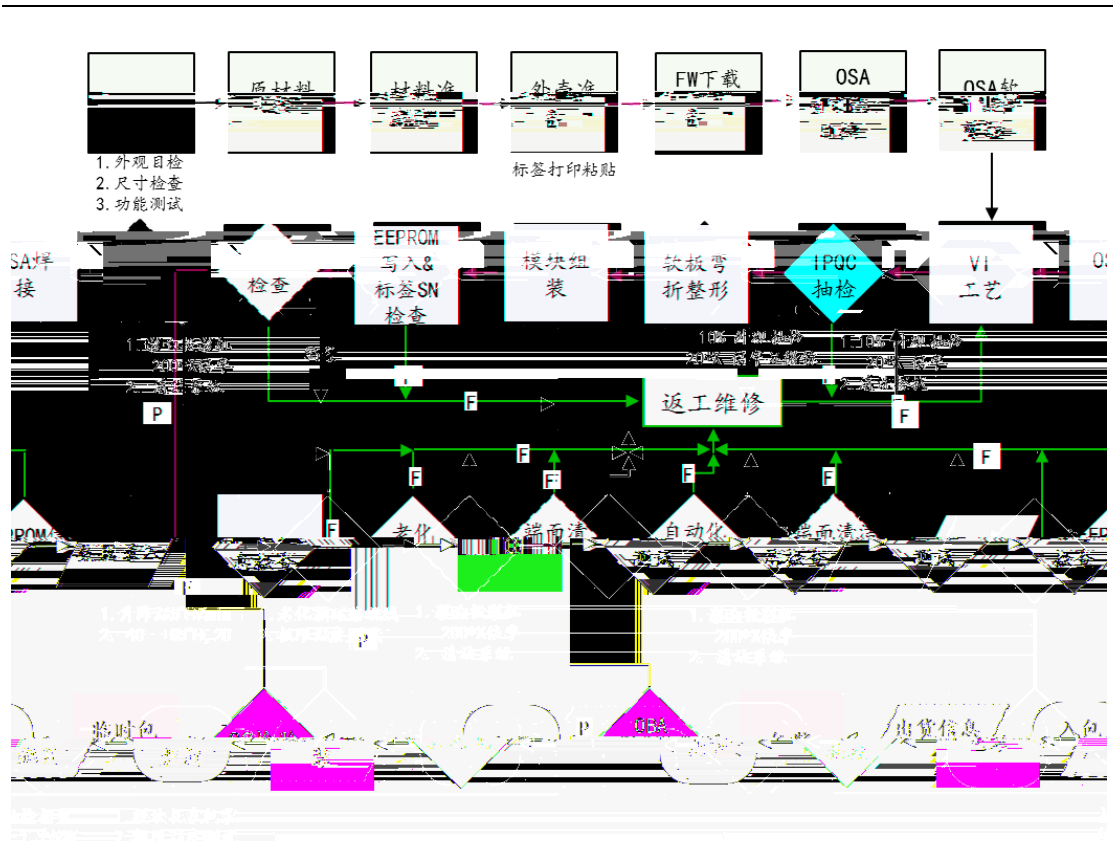
上

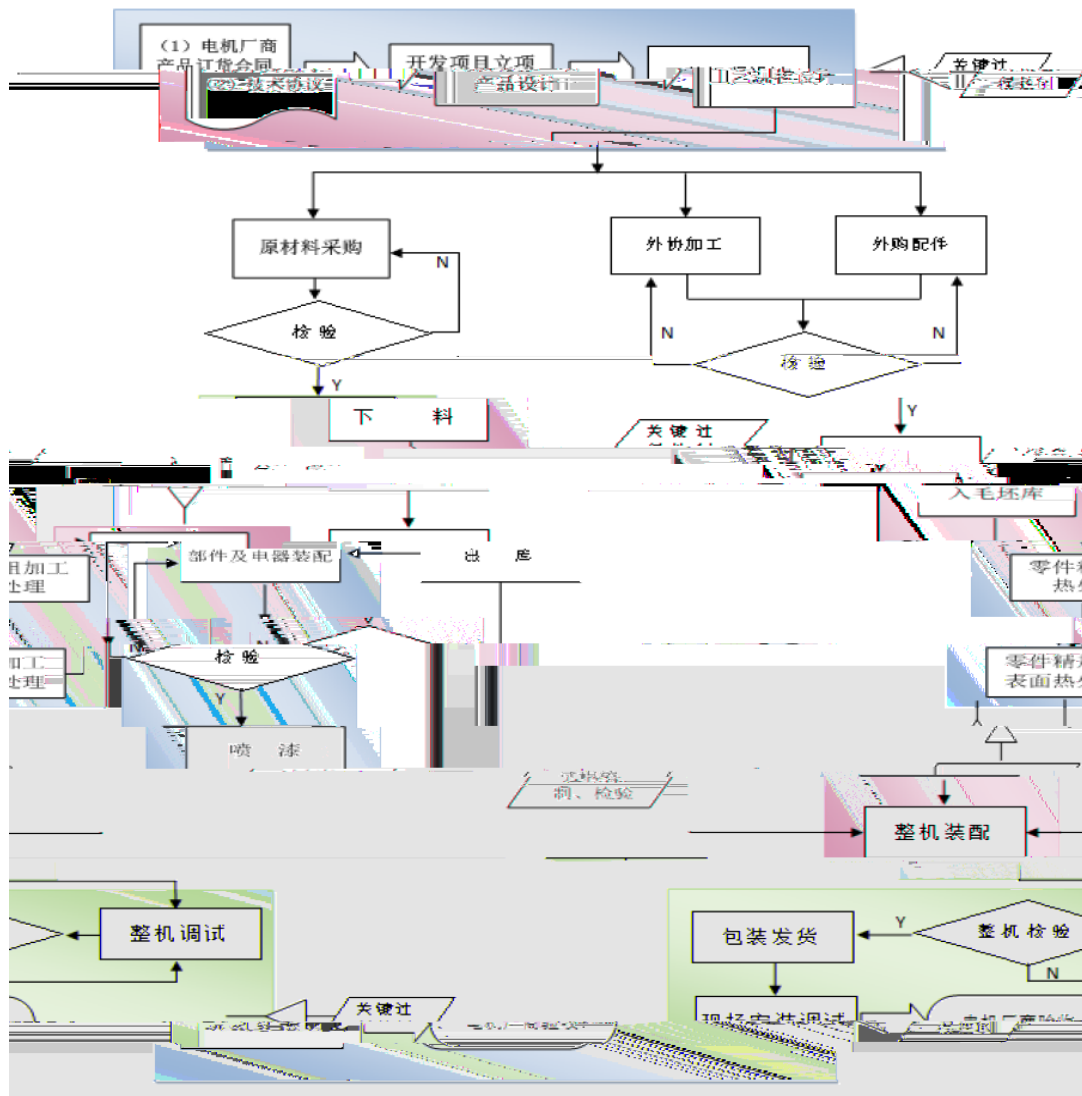
1

1	10GSFP+	
2	10GXF	
3	25GSFP28	
4	40GQSFP+	
5	50G PAM4	
6	100GCFP4/QSFP28	
7	100G Single Lambda	

1			
2			
3			
4			

1





专 其

	2020	1-9	2019		2018		2017	
	520,478.56	100.00%	475,767.70	100.00%	515,631.42	100.00%	235,708.35	100.00%
	515,100.45	98.97%	463,100.25	97.34%	499,773.02	96.92%	220,799.12	93.67%
	5,378.11	1.03%	12,667.46	2.66%	15,858.40	3.08%	14,909.22	6.33%
10G/40G	42,243.91	8.12%	102,983.27	21.65%	124,876.28	24.22%	91,643.15	38.88%
25G/100G/400G	454,333.23	87.29%	360,116.98	75.69%	374,896.74	72.71%	129,155.97	54.79%
	18,523.31	3.56%	-	-	-	-	-	-
	5,378.11	1.03%	12,667.46	2.66%	15,858.40	3.08%	14,909.22	6.33%

2

	2020	1-9	2019	2018	2017
		723	524	514	234
		600	425	450	199
	%	82.99%	81.11%	87.55%	85.04%
		1013	-	-	-
		832	-	-	-
	%	82.13%	-	-	-
		107	172	272	210
		106	170	269	202
	%	99.07%	98.84%	98.90%	96.19%

3

2020 1-9			
	/	/	
	600	523	87.17%
	832	608	73.08%
	106	93	87.74%
2019			
	/	/	
	425	462	108.71%
	170	186	109.41%
2018			
	/	/	
	450	422	93.78%

	269	264	98.14%
2017			
	/	/	
	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%
		304,358.49	58.48%
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%
		285,461.20	60.00%
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%
		365,754.29	70.94%
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%
		172,093.86	73.10%

5%

其

1

1

2 3

2

		2020	1-9	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		

		2020	1-9	2019	2018	2017
			9.62%	9.93%	9.21%	11.17%

3

	2020	1-9	2019	2018	2017
		3,904.80	3,783.92	3,091.49	1,456.54

	2020	1-9	2019	2018	2017
		158.62	204.85	227.03	219.71

2017	

62,942.92 94.43%

	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%
		129,691.85	35.55%
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%
		144,616.37	40.95%
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%
		97,229.63	45.36%

5%

其

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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CE CB

RoHS/WEEE

FDA FCC

UL

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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

上 其

	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%

其

1

		2011	40G/100G/400G/800G
(COB,chip-on-board)		2011	40G/100G/400G/800G
	COB	2014 COB	100G/400G/800G
PAM4		2017 4x100GPAM4 400G/800G	400G/800G
		2018 5G 5G	200G/400GPAM4 200G/400G 5G

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专 其

2020 9

5,470

1,256

22.96%

1			<p>Georgia Institute of Technology Agere System Pine Photonics Communications Opnext 2008</p>
2			<p>ant aCruz UCS 9 Opnext 2003 PinePhotonicsCommunic ations Fusecoupler Freespace PLC CWDM10G/40G</p>
3			<p>2009 40G/100G 400G</p>
4			<p>25 (OA Fellow) IEEE Sun/Oracle Axalume , 137 2020</p>
5			<p>Georgia Institute of Technology Baird Intel Intel 2008</p>

其
上
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
	338,089.27	74,693.40	245.84	263,150.02

2

2020 9 30

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

3

2020 9 30

				m²		
1		2019 0021360		6,046.65		
2		2020 0049517		56,393.90		
3		2016 000044	8	44,498.69		
4		2018 0000568	5555 1	9,022.96		

				m²		
5		2018 0000570	5555 1	4,093.76		
6		2018 0000571	5555	4,575.18		
7		2020 0000142	5555 #4	15,041.32		
8		2020 0000143	5555 #5	8,707.49		
9		2020 0000144	5555 #7	368.44		

10 2019
 0017375

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			m ²					
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	

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2020 9 30

238

92

143

3

15

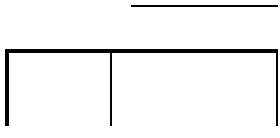
1

1		200610070539X				2006/11/24
2		2009100170340				2009/7/9

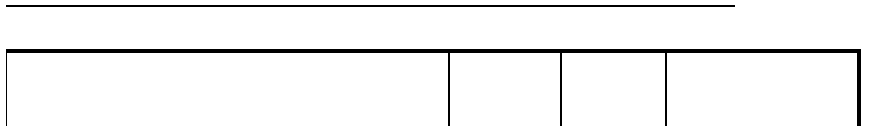
3		2009100170177				2009/7/9
4		2009100170073				2009/7/9
5		2009100170181				2009/7/9
6		2009100170069				2009/7/9
7		2009100170158				2009/7/9
8		2011100073032				2011/1/7
9		2011100072788				2011/1/7
10		2011100072701				2011/1/7
11		2011100072881				2011/1/7
12		2011100073282				2011/1/7
13		2011100073263				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				

51		2013204377436				2013/7/23
52		2013204377510				2013/7/23
53		2013204380161				2013/7/23
54		2013208084839				2013/12/7
55		2013208080185				2013/12/7
56		2013208708993				2013/12/27
57		201320869927X				2013/12/27
58		2013208699706				2013/12/27
59		2014208415643				2014/12/27
60		2014208415624	T			2014/12/27
61		2014208415639				2014/12/27
62		2014208415605				2014/12/27
63		2015210943312				2015/12/26
64		2015210943399				2015/12/26
65		2015210943261	V			2015/12/26
66		2015210943280				2015/12/26
67		2015210943331				2015/12/26
68		2015210943384				2015/12/26
69		2015210943308				2015/12/26
70		2015210943295				2015/12/26
71		2015210943327				2015/12/26
72		2015109866428				2015/12/26
73		2016209505716				2016/8/27
74		2016209506297				2016/8/27



99





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147

2015109396367

171		2014201186959			2014/3/17
172		2014201729461			2014/4/11
173		2014201729315			2014/4/11
174		2014201839989			2014/4/16
175		2014203088005			2014/6/11
176		2014203216605			2014/6/17
177		2014203621682			2014/7/2
178		2014203830141			2014/7/11
179		2014204497339			2014/8/11
180		2014206809640			2014/11/14
181		2014208682409			2014/12/31
182		2015201537362			2015/3/18
183		2015208625449	BOSA		2015/11/2
184		2017215506000			2017/11/20
185		2017218072573	SFP+		2017/12/21
186		2018207978057			2018/5/28
187		2018208926793			2018/6/8
188		2018215361167			2018/9/19
189		2018216471056			2018/10/11
190		2018218520822			2018/11/12
191		2019200753108			2019/9/6
192		2019202778881			2019/3/5
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

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219

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

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2019 2 27

SENKO

ADVANCED COMPONENTS, INC. " Senko"

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CS

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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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2020












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86

10

1			32713684	39	2029/8/20	;
2			32705934	36	2029/5/13	;
3			28476299	7	2028/12/13	;
4			28463965	9	2029/3/20	;
5			28463965	7	2029/3/20	;
6			28463955	7	2028/12/13	;
7			28463955	9	2028/12/13	;
8			10212055	45	2023/1/20	;
9			10211993	43	2023/1/20	;
10			10211970	42	2023/1/20	;
11			10211925	41	2023/1/20	;

12			10211895	40	2023/1/20	; (); ; ; ; ; ; ;
13			10204386	38	2023/1/20	; ; ; ; ; ; ; ;
14			10204363	37	2023/1/27	; ; ; ; ; ; ; ; ; (); ; ; ; ;
15			10204312	36	2023/1/20	; ; ; ; ; ; ; ; ;
16			10204247	34	2023/1/20	; ; ; ; ; ; ; ;
17			10204183	33		

22		10199328	28	2023/1/20	;	;
23		10199273	27	2023/3/6	;	;
24		10198986	26	2023/1/20	;	;
25		10198943	25	2023/1/20	;	();
26		10198918	24	2023/1/20	;	;
27		10198846	23	2023/1/20	;	;
28		10198818	22	2023/1/20	;	();
29		10198785	21	2023/1/20	;	;
30		10198710	20	2023/1/20	;	;
31		10193834	19	2023/3/13	;	;
32		10193798	18	2023/6/6	;	;

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2020 9

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1

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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	3205263623	2011/7/20	3202604255		
	3407260065	2018/8/14	3403300008		

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	3718932652		2017/11/14		
	3718963312		2017/12/27		

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	3700776311009	2017/10/26			
	3700MA3EXKTH3	2018/01/08			
	3400MA2Q3DU66	2020/07/20			
	5101696260942	2018/04/03			

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InnoLight

Technology HK Limited

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206,794,668

36,189,068

458,994,536

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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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9				75%

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10				90%
11				75%
12				
13				78%
14				GP
15				GP
16				37%
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18				GP
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31				

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32				GP
33				GP
34				GP
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%
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47			PUE 1.5	80%
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48			(55%
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49			PUE 1.4	50%

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2	LuxNet Corporation	HSING HSIEN KUNG
3		2017 2017
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	2020	1-9	2019	2018	2017
		-	-	-	4,551.13
		-	-	-	4,551.13
		-	-	-	1.93%

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32,419,700

359,858,670.00

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

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		2020 9 30	2019 12 31	2018 12 31	2017 12 31
		-	-	-	0.77

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		2020 9 30	2019 12 31	2018 12 31	2017 12 31
	Lux Net Corporation	-	-	-	361.31
		192.46	192.46	192.46	192.46

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

	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	136,324.53	123,619.09	104,118.01	95,723.18
	39,300.00	63,000.00	-	-
	-	-	4,037.26	8,807.53
	171,491.13	113,254.22	84,010.67	101,256.58
	56,066.23	36,043.68	-	-
	3,111.69	6,512.46	5,455.11	7,363.51
	2,369.04	972.94	368.21	905.17
	368,668.38	250,362.16	211,897.47	196,899.55
	101.34	318.73	-	-
	8,048.30	5,050.24	5,923.88	19,820.07
	785,480.64	599,133.53	415,810.61	430,775.59
	1,347.88	122.60	419.32	318.73
	19,307.30	22,107.30	10,252.02	2,540.35
	2,258.84			
	263,150.02	194,986.02	149,656.16	116,210.01
	12,218.16	15,060.12	14,809.97	10,948.31
	36,546.96	31,100.18	38,384.68	45,417.78
	2,425.13	9,561.19	3,010.44	-
	191,456.34	171,675.84	171,675.84	171,675.84
	2,285.44	1,765.04	1,605.48	210.97
	2,970.39	2,838.90	1,511.50	2,290.78
	1,979.15	765.90	884.09	613.91
	535,945.61	449,983.08	392,209.49	350,226.68
	1,321,426.26	1,049,116.61	808,020.10	781,002.27
	98,997.16	65,228.64	38,980.16	43,443.64
	68,959.43	17,199.21	14,034.64	27,035.88
	134,962.66	125,947.39	80,158.90	140,361.80
	-	3,065.21	1,690.56	2,204.77
	7,439.18	-	-	-
	13,753.13	11,408.54	7,679.84	7,425.48
	1,240.98	1,161.21	606.21	3,387.47
	44,672.47	30,511.55	37,357.94	36,120.92
	33,962.25	28,086.38	106,243.92	34,618.73
	3,274.27	-	-	113.00
	407,261.52	282,608.13	286,752.17	294,711.69

	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	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
	145,429.54	73,886.83	43,619.77	85,704.75
	552,691.06	356,494.96	330,371.94	380,416.44
	-			
	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
	219.17	223.50	226.74	175.64
	2,691.74	2,691.74	2,027.56	1,332.26
	183,356.45	129,359.46	85,044.39	25,228.75
	758,962.11	692,621.65	477,648.16	400,585.83
	9,773.08	-	-	-
	768,735.20	692,621.65	477,648.16	400,585.83
	1,321,426.26	1,049,116.61	808,020.10	781,002.27

	2020 1-9	2019	2018	2017
	520,478.56	475,767.70	515,631.42	235,708.35
	520,478.56	475,767.70	515,631.42	235,708.35
	456,949.95	419,322.68	446,241.84	206,730.25
	390,651.87	346,777.51	374,996.92	172,550.88
	1,193.36	1,659.70	1,018.25	644.70
	7,385.66	5,484.01	6,023.31	3,202.23
	25,118.74	27,458.43	25,334.74	11,660.35
	29,224.40	36,235.31	30,947.28	12,930.50
	3,375.93	1,707.72	7,921.35	3,712.65
	5,003.93	5,016.39	5,025.23	1,838.61
	715.24	1,813.23	574.74	306.62
	8,444.34	8,472.27	3,316.38	1,610.95

	2020 1-9	2019	2018	2017
" "	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
" "	69,944.79	57,637.53	68,189.45	20,587.00
	73.95	50.21	307.83	41.44
	237.05	20.06	-997.97	39.16
" "	69,781.69	57,667.68	69,495.25	20,589.28
	9,353.02	6,318.96	7,183.65	4,438.74
" "	60,428.67	51,348.72	62,311.60	16,150.54
	-			
1 " "	60,428.67	51,348.72	62,311.60	16,150.54
2 " "	-	-	-	-
1	59,987.58	51,348.72	62,311.60	16,150.54
2	441.09	-	-	-
	-506.12	-56.21	28.72	16.40
	-506.12	-56.21	28.72	16.40
	-	-	-	-
	-506.12	-56.21	28.72	16.40
	-506.12	-56.21	28.72	16.40
	59,922.55	51,292.51	62,340.32	16,166.94
	59,922.55	51,292.51	62,340.32	16,166.94
	-	-	-	-
	0.84	0.73	1.36	0.50

	2020 1-9	2019	2018	2017
	0.84	0.73	1.33	0.50

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	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
	-13,635.11	56,945.77	66,001.35	4,235.71
	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
	-59,844.58	-193,937.01	-67,307.81	-14,735.01
	-	152,390.90	5,204.52	75,956.22
	-	-	-	-

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2018 2019 其 图

2018

			/	
	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
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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
	785,480.64	100.00	599,133.53	100.00	415,810.61	100.00	430,775.59	100.00

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

2020-9-30

1-1-203

	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	171,491.13	113,254.22	84,010.67	101,256.58
	51.42%	34.81%	-17.03%	-
	2020 1-9	2019	2018	2017
	520,478.56	475,767.70	515,631.42	235,708.35

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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%

2020 1 3

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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
	263,150.02	100.00	194,986.02	100.00	149,656.16	100.00	116,210.01	100.00

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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10,948.31

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3.13% 3.78%

3.35% 2.28%

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

9,561.19 2,425.13

0.45% 2018 2019

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3,010.44

400G 70D

% %

2020

2020-9-30

2019-12-31

	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	-	-
	-	-	-	-
	19,439.33	15,022.60	11,324.49	7,696.24

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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%
	407,261.52	73.69%	282,608.13	79.27%	286,752.17	86.80%	294,711.69	77.47%
	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%
	145,429.54	26.31%	73,886.83	20.73%	43,619.77	13.20%	85,704.75	22.53%

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%
	407,261.52	100.00%	282,608.13	100.00%	286,752.17	100.00%	294,711.69	100.00%

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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
	68,959.43	17,199.21	14,034.64	27,035.88

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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%
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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
	13,753.13			

	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
	1,240.98	1,161.21	606.21	3,387.47

	106,105.34	72.96%	46,550.00	63.00%	26,950.61	61.79%	24,127.64	28.15%
	2,850.00	1.96%	2,850.00	3.86%	3,894.58	8.93%	3,043.22	3.55%
	6,838.08	4.70%	6,263.28	8.48%	4,447.10	10.20%	3,994.10	4.66%
	13,203.71	9.08%	7,293.48	9.87%	6,901.73	15.82%	4,514.02	5.27%
	16,432.40	11.30%	10,930.07	14.79%	1,425.76	3.27%	1,544.13	1.80%
	-	-	-	-	-	-	48,481.64	56.57%
	145,429.54	100.00%	73,886.83	100.00%	43,619.77	100.00%	85,704.75	100%

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	2020-9-30	2019-12-31	2018-12-31	2017-12-31
/	-	-	6,490.61	17,969.32
	60,096.30	26,550.00	-	-
	46,009.04	20,000.00	20,460.00	6,158.32
	106,105.34	46,550.00	26,950.61	24,127.64

2020 9

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	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	-	1,135.77	3,243.96	5,225.19
	2,850.00	2,850.00	2,850.00	-
	-	-	-	780.23
	-	1,135.77	2,199.39	2,962.20
	2,850.00	2,850.00	3,894.58	3,043.22

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2019 2020 9 6,263.28
6,838.08 8.48% 4.70%

	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	6,838.08	6,263.28	4,447.10	2,936.31
	-	-	-	1,057.79
	6,838.08	6,263.28	4,447.10	3,994.10

24

2017 12 31

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2019 2020 9 7,293.48
13,203.71 9.87% 9.08%

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	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	16,432.40	10,930.07	1,425.76	1,544.13

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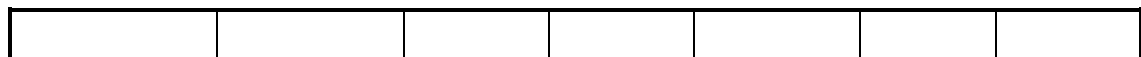
2019 12 31

2019

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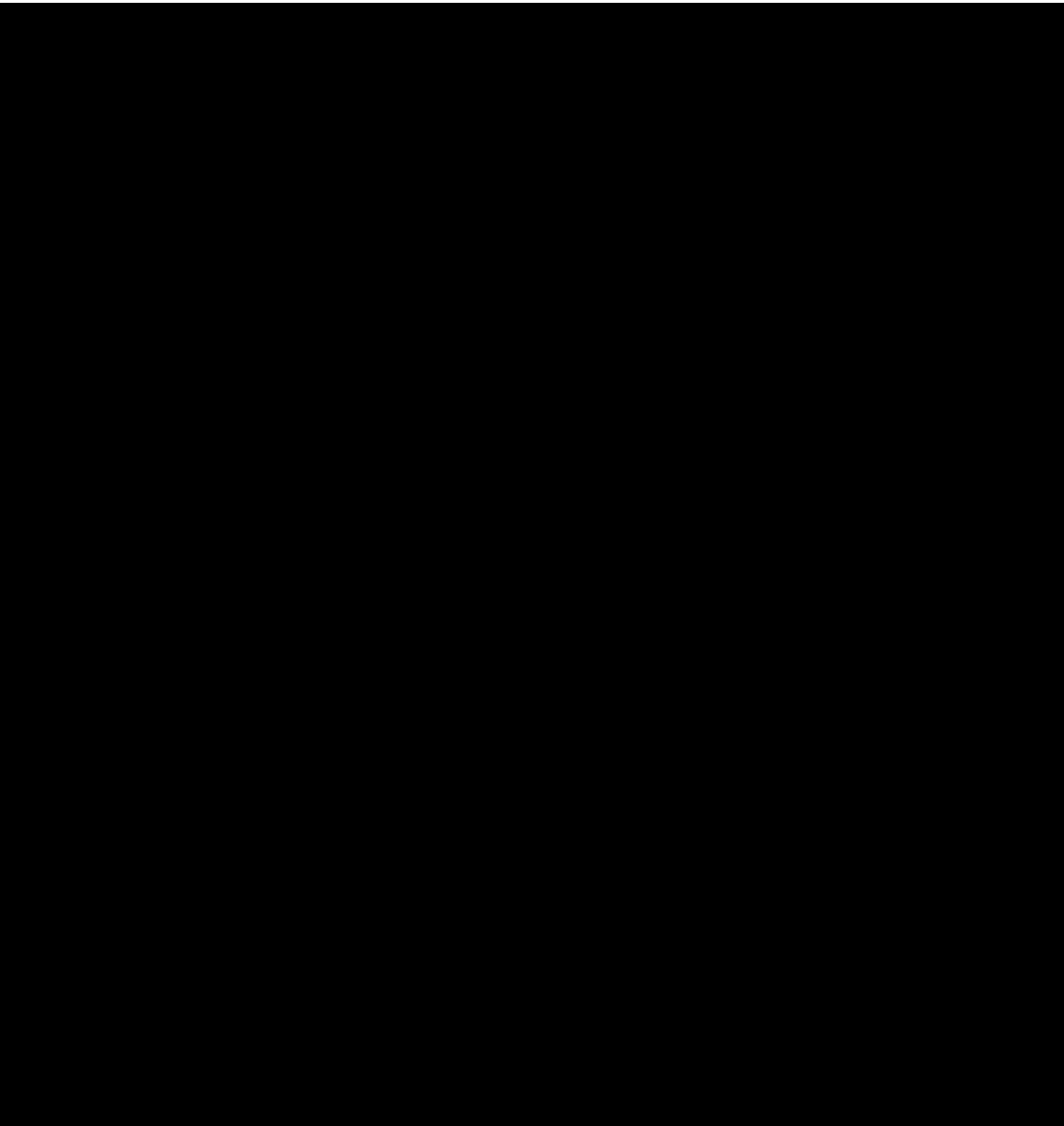
		43.32%	33.86%	17.67%	31.61%	40.89%
2017 12 31		2.23	2.12	3.27	2.54	1.46
		1.54	1.78	1.88	1.73	0.79
		38.60%	37.98%	22.44%	33.01%	48.71%

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	2020-9-30	2019-12-31	2018-12-31	2017-12-31
	1.61	1.44	1.76	1.64



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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%
	129,826.69	100.00%	128,990.19	100.00%	140,634.51	100.00%	63,157.46	100.00%

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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

	456,949.95	8.97%	419,322.68	-6.03%	446,241.84	115.86%	206,730.25
	390,651.87	12.65%	346,777.51	-7.53%	374,996.92	117.33%	172,550.88
	1,193.36	-28.10%	1,659.70	63.00%	1,018.25	57.94%	644.70
	7,385.66	34.68%	5,484.01	-8.95%	6,023.31	88.10%	3,202.23
	25,118.74	-8.52%	27,458.43	8.38%	25,334.74	117.27%	11,660.35
	29,224.40	-19.35%	36,235.31	17.09%	30,947.28	139.34%	12,930.50
	3,375.93	97.69%	1,707.72	-78.44%	7,921.35	113.36%	3,712.65
	8,444.34	-0.33%	8,472.27	155.47%	3,316.38	105.86%	1,610.95

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	2020 1-9		2019		2018		2017	
		%		%		%		%
	160,233.73	30.79	130,167.25	27.36	134,831.10	26.15	57,257.60	24.29
	360,244.83	69.21	345,600.45	72.64	380,800.32	73.85	178,450.75	75.71
	520,478.56	100.00	475,767.70	100.00	515,631.42	100.00	235,708.35	100.00

2017 7
2017 7-12

2017

24.29% 26.15%

27.36% 30.08%

75.71% 73.85% 72.64%

69.92%

2017-2019 2020 1-9

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				/		/	
2020 1-9		515,100.45	11.23%	523	13.20%	0.09	-5.28%
		5,378.11	-57.54%	93	-50.00%	57.83	-15.09%
2019		463,100.25	-7.34%	462	9.48%	0.10	-15.36%
		12,667.46	-20.12%	186	-29.55%	68.10	13.38%
2018		499,773.02	126.35%	422	175.82%	0.12	-17.94%
		15,858.40	6.37%	264	26.92%	60.07	-16.20%
2017		220,799.12	-	153	-	0.14	-

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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

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

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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%

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	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%

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	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

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2017-2019 2020 1-9

26.20% 27.21% 27.29% 25.22%

	2020	1-9	2019	2018	2017
/		0.09	0.10	0.12	0.14
		-4.05%	-13.21%	-16.13%	-
/		0.07	0.07	0.09	0.11
		1.97%	13.30%	17.13%	-
		-2.08%	0.09%	1.00%	-

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2017-2019

2018

			-16.13%		17.13%
2019			-13.47%		
13.30%	2020	1-9		-4.05%	
			1.97%		

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17.50%

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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
					19.04%
			-14.13%		

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2017-2020 1-9

	2020	1-9	2019	2018	2017
		23.29%	21.19%	19.82%	20.83%
		24.41%	25.27%	24.58%	25.42%
		38.04%	34.72%	19.51%	24.00%
		28.58%	27.06%	21.31%	23.42%
		25.22%	27.29%	27.21%	26.20%

	2020	1-9	2019	2018	2017
		%		%	
	7,385.66	1.42	5,484.01	1.15	3,202.23
	25,118.74	4.83	27,458.43	5.77	11,660.35
	29,224.40	5.61	36,235.31	7.62	12,930.50
	3,375.93	0.65	1,707.72	0.36	3,712.65
	65,104.73	12.51	70,885.47	14.90	31,505.72
	520,478.56	100.00	475,767.7	100.00	235,708.35

2017-2019 2020 1-9 31,505.72
 70,226.68 70,885.47 65,104.73
 13.37% 13.62% 14.90% 12.51%

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	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
	7,385.66	5,484.01	6,023.31	3,202.23

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%

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	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
	25,118.74	27,458.43	25,334.74	11,660.35

2017 7

2017 7-12

11,660.35	25,334.74	27,458.43	25,118.74
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	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
	3,375.93	1,707.72	7,921.35	3,712.65

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
	8,444.34	8,472.27	3,316.38	1,610.95

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	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
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2017 2018 -10,924.41 1,420.69
 2019 2020 1-9 2017
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	2020 1-9	2019	2018	2017
	5.83	-13.17	-10.75	-176.73

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
	-13,635.11	56,945.77	66,001.35	4,235.71
	360,793.36	334,961.53	15,670.68	50,342.82
	420,637.94	528,898.55	82,978.50	65,077.83
	-59,844.58	-193,937.01	-67,307.81	-14,735.01
	218,571.85	308,875.15	190,321.30	176,580.76
	132,804.05	153,160.32	176,623.41	78,518.35
	85,767.80	155,714.83	13,697.89	98,062.41
	-1,743.61	777.50	1,479.86	-672.51
	10,544.49	19,501.09	13,871.28	86,890.61

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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				

		/		
3				82.79 %
4		Bo Lu		3.10%
5				3%
6			AI AI	1.47%
7			IC	2.97%

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

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2017	2020	1-9	
190,321.30		308,875.15	218,571.85
			176,580.76

		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

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

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付

2020 9 30

50

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

专

1

1

2

2

2

专

1

2

上 其

50%

40%

其

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

100G 400G

800G

专

其

1,500
600

200

1

100%

1

2

			2010 04 15
	22,641.722222		
	9132059455383489XX		
	168		

	2020 9 30	2019 12 31
	1,421.55	1,441.55
	1,254.78	23.07
	2020 1-9	2019
	38.08	57.26
	-32.46	-40.28

()

(2020) 3197

3

100%

	88 H 2
	822,800
	2012 11 6
	2012 11 6 2062 11 5
	91320594056636040L

1		597,149.51	72.58%
2		225,650.49	27.42%
		822,800.00	100%

4

5

A.

2017					
	168		90,318.76		2060 05
0000080					30

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

9

2020 9 30 37,940.93

2020 1626 38,092.39

3.80

3.80

2

1

"

3

5G

" "

IC

IC

4

(CPO)

800G

1-1-250

2008

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

AT&T

AT&T

5

2020 579

2020 614

20203205000100000924

002439400

1

5G

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%
		71,212.10	100%

3

1

28%

16%

6%

50%

13%

Finisar Oclaro

50%

400G

ADC/DSP

400G

2-3

400G

800G

2

" "

800G 400G

4

1

"

" " " "+"

" " "

" " "

" " " "

" 5G+ " 512 5G

5G

" 5G+ "

2

3

"

"

ISO9001:2015

TL9000 H6.0/R5.5

ISO14001:2015

ISO45001:2018

5

800G

50G 100G 200G 400G

10 1-3 2 4

	T1	T2-T10
400G/800G	-	573,260.52
50G/100G/200/G	-	80,539.62
	-	653,800.14

6

2020 580

2020 613

20203205000100000923

002437000

专

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%
		58,786.90	100%

3

"

"

4

"

"

5

50G 100G 200G 400G

800G

5%

10

1 2

3

	T1-T10
400G/800G	682,298.93
50G/100G/200/G	328,771.17
	1,011,070.10

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

专
上

其
其

其



上

上

()

([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
专 其				
			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

上

()

					279,999.98					279,999.98
						2017				279,999.98
						2018				-
						2019				-
						2020 1 6				-
					2020 6 30					
										()
1	100%	100%	279,999.98	279,999.98	279,999.98	279,999.98	279,999.98	279,999.98	-	2017 7 3
			279,999.98	279,999.98	279,999.98	279,999.98	279,999.98	279,999.98	-	

()

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	-	
			49,000.00	49,000.00	49,052.85	49,000.00	49,000.00	49,052.85	52.85	

()

						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	43,539.70	29,035.17	83,539.70	43,539.70	29,035.17	(14,504.53)	2021 4	
3			16,973.30	16,973.30	16,997.90	16,973.30	16,973.30	16,997.90	24.60		
4			20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	-		
5	400G	400G	-	40,000.00	6,332.56	-	40,000.00	6,332.56	(33,667.44)	2022 1	
			155,595.00	155,595.00	107,665.59	155,595.00	155,595.00	107,665.59	(47,929.41)		

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)

专

2019 4 22

100,000

12

2019 5 15

2018

2020 4 17

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

专

上

		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	

专 其

		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 "

上 其

_____	_____	_____
_____	_____	_____
_____	_____	_____

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

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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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：

王伟修

刘 圣

王晓东

刘澄伟

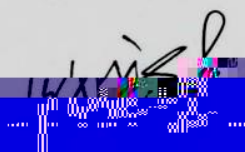
赵贵宾

陈大同

一、公司及全体董事、监事、高级管理人员声明

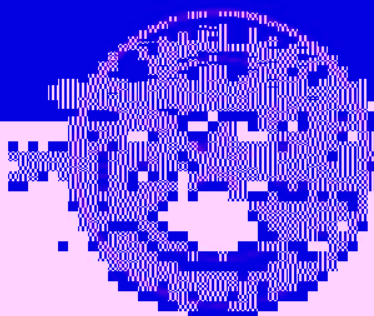
本公司及全体董事、监事、高级管理人员承诺本募集说明书内容真实、准确、完整，不存在虚假记载、误导性陈述或重大遗漏，按照诚信原则履行承诺，并承担相应的法律责任。

全体监事签字：


王 强


王 强


王 强



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

声明

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一、公司及全体董事、监事、高级管理人员声明

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全体高级管理人员签字：

刘 圣

王晓东

王晓丽



Osa Chou-Shung Mok

王 军

(莫兆雄)



二、公司控股股东、实际控制人声明

本公司控股股东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。

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：


王伟修

实际控制人签字：


王伟修

2020年12月16日

三、保荐机构（主承销商）声明

（一）保荐机构（主承销商）声明

本公司已对募集说明书进行了核查，确认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，并承担相应的法律责任。

保荐代表人签字：尉欣
尉欣

张贵阳
张贵阳

项目协办人签字：张跃睿
张跃睿

法定代表人签字：张贵阳
张贵阳



国泰君安证券股份有限公司

2020年12月16日

(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



国海证券安信证券股份有限公司

2020年12月16日

关于中际旭创股份有限公司

而导致在相应部分出现虚假记载、误导性陈述或重大遗漏，并对上述报告的真实性

签字注册会计师

签字注册会计师

会计师事务所负责人

普华永道中天会计师事务所(特殊普通合伙)

2020年12月16日

审计机构声明

本所及签字注册会计师已阅读募集说明书的全部内容，确认发行人与本所出具的审计报告不存在矛盾。本所及签字注册会计师在发行募集说明书及其摘要中引用的审计报告的内容无异议，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，并承担其内容的真实性、准确性和完整性承担相应

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。



七、资信评级机构声明

本机构及签字资信评级人员已阅读募集说明书，确认募集说明书与本机构出具的资信评级报告不存在矛盾。本机构及签字资信评级人员对发行人在募集说明书中引用的资信评级报告的内容无异议，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。

资信评级人员： 顾春霞

顾春霞

杨培峰

杨培峰

评级机构负责人： 张剑文

张剑文

中证鹏元资信评估股份有限公司

2020年12月16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，保证募集资金充分有效利用。公司董事会将持续对募集资金进行专户存储、保障募集资金用于规定的用途、配合保荐机构对募集资金使用的检查和监督，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

