

**2020**

**A**



2020

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z - %o ´ Ö2Í µÆ	/ s6,B9 Û € ,° \$ o
z - %o ´ C Ö2Í µÆ	/ s6,B9 Û € ,° K+^

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16.26      15.42      18.33      23.51      16.48

21.95      22.63      22.42      1

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..... 21

**5** ..... 34

15.64

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<b>6</b>			.....39
			1
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<b>7</b>			.....47
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		4	.....47
<b>8</b>			.....54

	66.03%	82.61
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© :5• e \ ° F b!WM" ϕ 6 >, °LÒ.Ă >B- 9† p ° Â+iB- ð Á > >ž n E  
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1		2017. 08	[2017]0552		5,000	
2		2019. 05	[2019]0312		8,000	15
3		2017. 05	[2017]0344		5,000	1000 1
4		2019. 11	[2019]0132		8,000	
5		2019. 11	[2019]0150		3,000	
6		2018. 09	[2018]1112		20,000	15 1,000 3
7		2018. 01	[2018]0042		14,000	15

									30% 2 1.4053
8		2018. 11	/ [2018]0053	C53197351786	18,000			18	5% 30% 18.77 10%
9		2017. 10	[2017]0073		26,000			18	5% 30% 378,453.90 6.87%
10		2017. 04	[2017]7		2,072			46	5% 20% 12.5% 20%



11		2017. 11	[2017]334		5,000	114
12		2018. 09	[2018] 089		40,000	84
13		2018. 07	[ 2018]212		20,000	96
14		2017. 12	[2017] 00405	2015 2016	5,000	59

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 B-+iB- ð> {B\* D+^ f í e \ Ž ^LÒ.Ă ,73 \ A÷ ĚN-\$,°N° \_ Ô ó >B-  
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B-+iB- ð áMh8 b!W >,-. ©:™ Á P éAä f £ ` >C-8) ,      ϕ . Ô ó L  
Ô ó,°CX x ] ĚCz ´ ; "2±H =Ã ĚCz , A B μ û ë , e \ Ž ^ 6F 6 U a 7 ?H  
NÓE¹ ] =UL†E¹Kμ,º Ú I ]H =ÃCz Ý Â % Ñ 0 d,ºH =ÃCz Ý =U ¾ ð!tN¯ =  
Ž\* <CX =Kμ U6x y ĚCz1•CX x ] ĚCz,º û ~ , ¬ <CX x ] ĚCz qNÓ D ϕ . öCz Ý  
?ú W /" B\* D ¬ áMh b!W LüCzH ,º û?. ] Â >\*< ] B- 9† pº PAx > n  
¬ >ž E?÷ >

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30%

**2020 10 16**

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**2020 10 16**

2020 9

15,576.27

18,342.80

2020 9 30

	419.23	0	-	1993			-
	239.17	0	-	1994			-
	5,120.00	5,120.00	16.00%	2011.11			-
	1,843.31	10,985.60	3.88%	2010.1			
	631.94	631.94	18.11%	1995.1	( )		EMS

	1,999.25	1,999.25	3.5191%	2017.7			
	5,600.00	5,600.00	1.6857%	2017.7			BMS PCBA
Archers Inc	349.45	0	1.9294%	2008.9	HJT CIGS( ) —— (PECVD) (RPD) TCO		
E&H Co.,Ltd	3,995.72	0	-	2011.9	LCD		



2020 9 30

419.23      239.17      5,120.00  
0.79%

2020 9 30

	1,500.00	30.00%	2019.12			-
CountryLighting BVI Co.,Ltd	3,189.40	55.30%	2011.12			-
	40,719.92	25.07%	2011.4	LED  LED  SMD COB Filament RGB LED LED		LED  LED  LED
	1,750.00	35.00%	2020.3			
	0	30.00%	2018.03			EMS

	44,210.05	20.52%	2000.11			5G 5G PCBA

Country Lighting BVI Co., ltd

2020 9 30

Country

Lighting BVI Co., ltd                      1,500.00                      3,189.40

0.65%

2020 9 30

10,467.80

1.44%

171,000.00

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o  $\alpha + iB - \frac{1}{2}$ ,  $\hat{U} \in U \gg +iB - \delta \hat{E} IC \setminus t \hat{A} \check{Z}C] \bullet NÓE^1Q$ ,  $\hat{E} IC \setminus t \bullet NÓ <$   
 a p 16.26  $\tilde{o} y = 15.42$   $\tilde{o} y = 18.33$   $\tilde{o} y \hat{A} 23.51$   $\tilde{o} y, \check{Z}C] \bullet NÓ <$  a p 16.48  
 $\tilde{o} y = 21.95$   $\tilde{o} y = 22.63$   $\tilde{o} y \hat{A} 22.42$   $\tilde{o} y > B - +iB - \delta B^* D \neg \acute{a}Mh \text{Æ}1 \mu \hat{U} \in U$   
 $\gg \hat{E} IC \setminus t U D \setminus t \hat{u} \ddot{e}, e \setminus D \phi . P x ? \acute{u} W = [ P I ] \setminus . oGf, 5 > P \times W$   
 $E +^{\wedge} u1OE = C \setminus U^0 = \check{Z}E\phi) \frac{1}{2} = \dots C \setminus \ddot{u} = Ax$   $u1OE = B >, P @ 8 \phi . \hat{u} \ddot{e} /" < \text{Æ}$   
 $\hat{E} IC \setminus t " j @, ^0 > * < ] \dots C \setminus \ddot{u} = Ax, ^0 \{ < ] \check{C}2 \mu \hat{U} \in U \gg \check{Z}C]D - \ddot{u} = Ax$   
 $u1OE, 5 > \check{Z}C] \check{Z}E\phi) \frac{1}{2} = \check{Z}C] \acute{Y} \div 2 \pm a = \acute{E}U^0 < 9 -" = U DK6 d \hat{u} \ddot{e} = B$   
 $>, P @ 8 \phi . \hat{u} \ddot{e}, \text{DH} > \{ B^* D \neg \acute{a}Mh \check{Z}C]D - \ddot{u} = Ax, ^0 \{ < ] > B - 9 \dagger p$   
 $^0 P Ax > n \neg > \check{Z} E ? \div >$

	2020 9 30	2019 12 31	2018 12 31	2017 12 31
	235,097.52	183,348.51	154,169.78	162,594.52
	162,916.61	178,784.88	149,707.43	158,802.72
	69.30%	97.51%	97.11%	97.67%

	2020 9 30	2019 12 31	2018 12 31	2017 12 31
	235,097.52	183,348.51	154,169.78	162,594.52
	1,057,152.15	1,322,381.88	1,606,100.60	1,420,977.86
	16.68%	13.87%	9.60%	11.44%

2020 1-9 \* 4/3 2020 2020

2017 -2019

14% 2020 9 30

2017 -2019 24.90% 27.06% 27.37%

30-90

**1**

	2020 9 30		2019 12 31		2018 12 31		2017 12 31	
1	235,026.87	98.48%	182,786.71	98.22%	154,032.78	98.62%	162,799.00	96.98%
1-2	2,488.04	1.04%	2,265.64	1.22%	1,604.87	1.03%	1,253.34	0.75%
2-3	268.80	0.11%	500.84	0.27%	254.29	0.16%	419.64	0.25%
3	884.47	0.37%	531.50	0.29%	298.68	0.19%	3,403.61	2.03%
	<b>238,668.18</b>	<b>100.00%</b>	<b>186,084.69</b>	<b>100.00%</b>	<b>156,190.61</b>	<b>100.00%</b>	<b>167,875.58</b>	<b>100.00%</b>

97%

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2020 9 30

			%	
PAL MOHAN ELECTRONICS PVT	21,214,986.43	21,214,986.43	100.00	
	5,634,200.52	5,634,200.52	100.00	

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	2020 9 30		2019 12 31	
1	235,026.87	2,349.55	182,786.71	1,827.87
1-2	2,488.04	256.00	2,265.64	226.56
2-3	268.80	80.64	500.84	150.25
3	884.47	884.47	531.50	531.50
	<b>238,668.18</b>	<b>3,570.66</b>	<b>186,084.69</b>	<b>2,736.18</b>

	2018 12 31		2017 12 31	
1	154,032.78	1,540.33	162,799.00	1,626.23

1-2	1,604.87	160.49	1,253.34	125.33
2-3	254.29	76.29	419.64	125.89
3	298.68	298.68	3,403.61	3,403.61
	<b>156,190.61</b>	<b>2,075.78</b>	<b>167,875.58</b>	<b>5,281.06</b>

	2020 9 30		2019 12 31		2018 12 31		2017 12 31	
1	2,349.55	66.00%	1,827.87	66.81%	1,540.33	74.20%	1,626.23	30.79%
1-2	256.00	7.00%	226.56	8.28%	160.49	7.73%	125.33	2.37%
2-3	80.64	2.00%	150.25	5.49%	76.29	3.68%	125.89	2.38%
3	884.47	25.00%	531.50	19.42%	298.68	14.39%	3,403.61	64.45%
	<b>3,570.66</b>	<b>100.00%</b>	<b>2,736.18</b>	<b>100.00%</b>	<b>2,075.78</b>	<b>100.00%</b>	<b>5,281.06</b>	<b>100.00%</b>

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	2020 9 30	2019 12 31	2018 12 31	2017 12 31
	7,283.33	6,105.16	4,763.29	5,472.97
	242,380.85	189,453.67	158,933.07	168,067.49



Kingston	30
ResMed	60

	%
1 2 2	10
2 3 3	30
3	100

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	(%)	(%)
1 1	1	1
1 2 2	10	10
2 3 3	30	30
3	100	100

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	2019 12 31	2018 12 31	2017 12 31
	7.84	10.14	7.35
	0.59	0.73	0.69
	172.56	231.15	229.31
	4.85	5.28	5.41

WIND

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	2017	2018	2019	2020
0-6	1%	5%	-	-
7-12	1%	5%	-	10%
1-2	10%	10%	-	25%
2-3	30%	20%	10%	50%
3-4	100%	30%	30%	80%
4-5	100%	50%	50%	100%
5	100%	100%	100%	100%

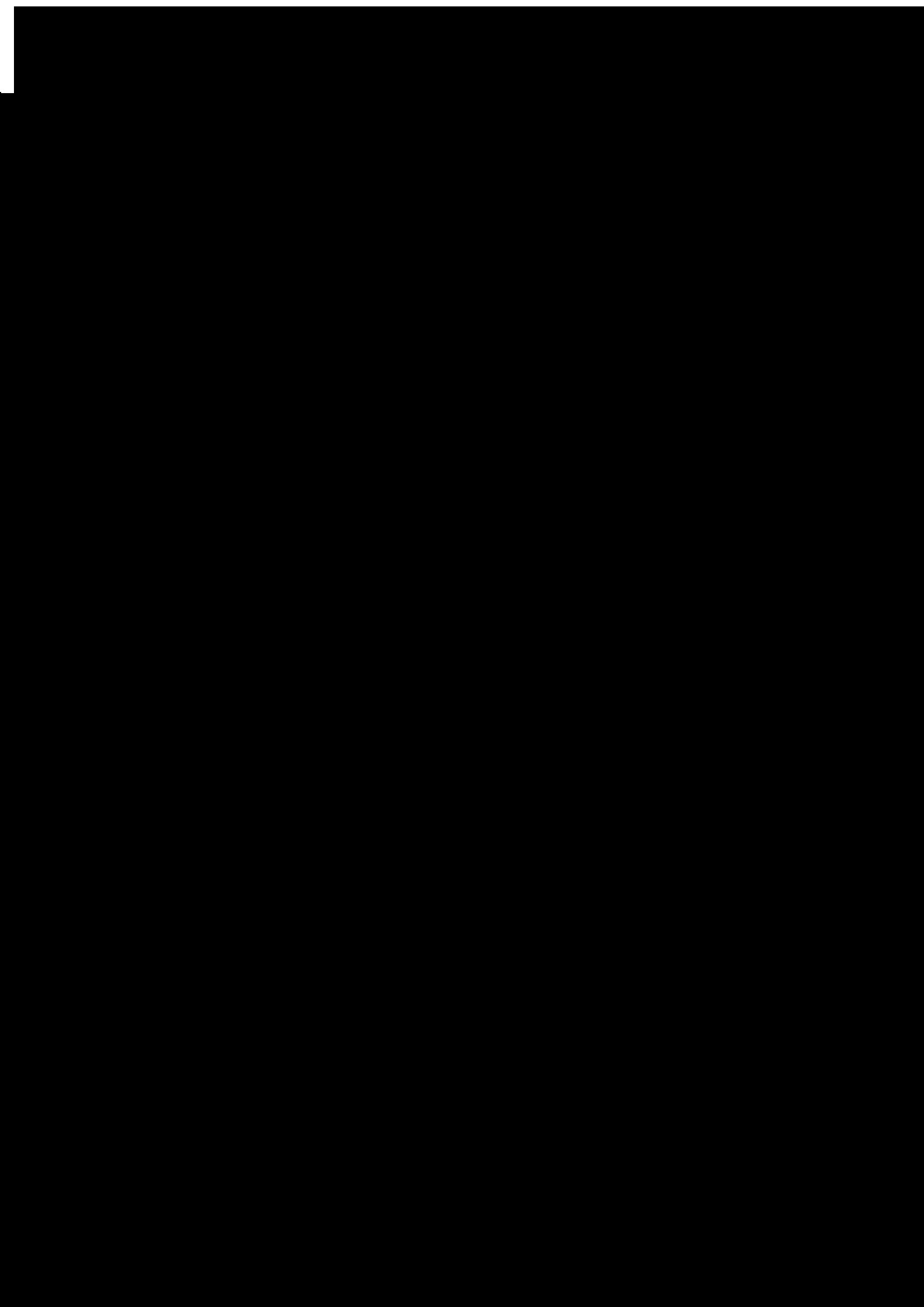
2017 -2019

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**1**

	2020 9 30	2019 12 31	2018 12 31	2017 12 31
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	227,635.48	100.00 %	226,331.24	100.00 %	219,545.99	100.00 %	164,809.43	100.00 %
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2017                  2018                  2019

**1 2019**

	<b>1</b>	<b>1-3</b>	<b>3</b>
	105,096.80	982.73	208.00
	10,435.71	228.08	33.07
	2,495.68	344.33	13.61
	3,387.06	-	-
	65,430.11	4,164.41	139.75
	36,713.54	-	-
	<b>223,558.92</b>	<b>5,719.55</b>	<b>394.42</b>

**2 2018**

	<b>1</b>	<b>1-3</b>	<b>3</b>
	143,988.83	839.83	116.92
	7,758.04	41.65	-
	2,091.42	260.96	-
	2,281.63	188.44	-
	42,101.20	159.04	1.62
	22,307.52	-	-
	<b>220,528.65</b>	<b>1,489.92</b>	<b>118.54</b>

**3 2017**

	<b>1</b>	<b>1-3</b>	<b>3</b>
	106,128.09	730.74	50.18

	6,295.75	70.42	-
	2,220.22	2.58	-
	1,622.24	-	-
	32,185.67	157.28	17.81
	17,379.56	-	-
	<b>165,831.53</b>	<b>961.02</b>	<b>67.98</b>

2017                  2018                  2019                  1

99.38%    99.29%    97.34%

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2019                  2020    9

	2019    12    31		2020    9    30	
	69,734.27	36,713.54	33,574.41	60,295.87
	69,543.90	36,395.05	32,319.56	59,925.40
/	99.73%	99.13%	96.26%	99.39%

2019                  2020    9

6



	<b>2019 12 31</b>	<b>2018 12 31</b>	<b>2017 12 31</b>
	1.45%	1.18%	1.24%
	0.00%	0.00%	0.00%
	64.79%	61.47%	56.25%
	6.76%	5.55%	4.33%

WIND

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2017-2019

2019

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2017-2019

2017-2019

2019 2020 9

### 5

o  $\alpha+iB-\frac{1}{2}$ ,  $\gamma+iB-\delta$  6F 6 U  $\neg$  È lltH NÓ p 15.64 ò y >B-+iB- òB\*

D  $\neg$  áMh Æl  $\mu\hat{U} \in U$  »  $\neg$  È llt  $\sim F,^{\circ} \tilde{O}$  >\*< ], - % $^{\circ}$  F Ú I7 ¥ ,

q?· È l/B—, $^{\circ}$  - % $^{\circ}$  û ë Ç2  $\mu$  -. © ...C\ ü =Ax , $^{\circ}$  {< ] B^ „ ], - . ©O LY

ámh e \ , = { < > B- 9† p $^{\circ}$  PAx > n  $\neg$  >ž E?÷ >

	<b>2020 9 30</b>	<b>2019 12 31</b>	<b>2018 12 31</b>	<b>2017 12 31</b>
	9,826.26	6,869.47	8,421.90	12,452.86
	146,532.80	36,411.94	6,437.21	7,301.52
	<b>156,359.06</b>	<b>43,281.41</b>	<b>14,859.11</b>	<b>19,754.39</b>

	<b>2020 9 30</b>	<b>2019 12 31</b>	<b>2018 12 31</b>	<b>2017 12 31</b>
	144,669.66	35,193.32	1,784.99	2,931.52
	1,698.18	2,296.60	1,197.40	1,059.26
	2,311.28	1,321.01	171.03	175.50
	270.43	194.29	54.28	54.28
	53.87	55.65	5,816.86	5,430.29
	<b>149,003.42</b>	<b>39,060.87</b>	<b>9,024.56</b>	<b>9,650.84</b>

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2020 9 30

140,438.94

1,934.40

2018 5

1,107.80

2007 11

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2020 9 30

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124.69

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	144,669.66	4,046.05	1 2 2.67	140,438.94 18
	1,698.18	1,698.18		-
	2,311.28	389.97		
	270.43	270.43		-
	53.87	53.87		-
	<b>149,003.42</b>	<b>6,458.50</b>		-

2020 9 30

1987

USB

2018 03 08

30%

1978

2012

2020 9 30

	<b>2020 9 30</b>	<b>2019 12 31</b>	<b>2018 12 31</b>	<b>2017 12 31</b>
	149,003.42	39,060.87	9,024.56	9,650.84
	2,470.62	2,648.94	2,587.35	2,349.32
	146,532.80	36,411.93	6,437.21	7,301.52
	1.66%	6.78%	28.67%	24.34%

2020 9 30



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2017-2019

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2017-2019

## 6

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 '2 µ Ů € U » q?. Ý ÷" \_ )½# Þ,° Õ >\*< ],52 >" \_ )½FFª @ },° Õ  
 >\*< ]>B- 9† p° PAX > n ñ >ž E?÷ >

2020

2020	1-9		105.72	4.81%
		4.46	62.25%	2020 1-9



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EMS

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**2**

2020 1-9

4.46

105.72

62.25%

4.81%

2020 1-9

'2019 a >, c5Ä^ Cn IN¼ Ž ^ 6 Ð Ÿ > 2019 a 2020 a 1-9 >,
   
 ¢ . q:[ P x0i Ð ,5 :[ ũ ë8¥³, c5ÄCn I Ÿ / ¢ . § E¹ E > | c 3'
   
 p ž\*9+k † Ý ÷ Ý PK4,°H ?.)â8, c5ÄCn I Ÿ %73 P § f ¢ . G < Ñ Ê
   
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	2020	1-9	2019		2018	2017
OEM		8.67%	5.96%		1.97%	5.39%
		7.57%	6.57%		7.15%	4.88%

1

2017-2019			12.16%	-0.07%	6.09%
2018		4G	5G		

2018

OEM

2019

5G

2019 8

2019

2020 1-9

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2017-2019			17.55%	16.14%	21.20%
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2019

2020 1-9

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2017-2019			OEM		59.04%
63.33%	32.66%	2019			

OEM		9.57%	9.43%	16.05%	
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OEM			3.51%	2.73%	5.50%	2019
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OEM

21.81% 12.28% 21.83%

2017 2019 OEM

OEM

**OEM**

**OEM**

**2**

4.88% 7.15% 6.75% 7.57%

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**3**

18.08% 16.72% 29.50% 26.52% 2019

2019

	<b>2020 1-9</b>	<b>2019</b>
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OEM	587,321.34	56.75%	738,801.49	56.21%
	277,238.23	26.79%	408,184.57	31.05%
	170,337.99	16.46%	167,448.04	12.74%
	<b>1,034,897.56</b>	<b>100.00%</b>	<b>1,314,434.09</b>	<b>100.00%</b>

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2018

2017

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## 7

o  $\pi$ +iB-  $\frac{1}{2}$ ,  $\mu$ +iB-  $\delta$  D ©6Š ĭ c 3+k †CX x ?L†CY 1  $\phi$ . 1' AØE žM<sup>~</sup>H = $\tilde{A}$   
 > ' ...Aä F,  $\hat{U} \in U$  » +U-. © ŽCm!t P x >B-+iB-  $\delta$   $\mathcal{A}E$  1  $\mu$ B\* D  $\neg$  áMh DCX x  
 $\phi$ .,<sup>o</sup>©6Š  $\hat{U}$  | e \ \rangle, \frac{1}{4} n ] ©6Š  $\hat{U}$  | é1ØE0A  $\hat{A}$   $\mu$ +iB-  $\delta$  ŽCm!t CzH  $\mu$ +<sup>^</sup>  
 e \  $\hat{Z}$  ^ L†  $\hat{u}$  ~  $\zeta$ 2  $\mu$ 5 > ^CX x  $\phi$ . D ^ LG | PK,>,,<sup>o</sup> ŽCm!t  $\_$ ) $\frac{1}{2}$  \$ 8  $\hat{u}$   
 ë,<sup>o</sup> E<sup>1</sup>  $\mu$ B\* D  $\hat{U} \in U$  » DCX x  $\phi$ . +U-. © ŽCm!t P x,<sup>o</sup> >\* < ] , e \  $\hat{Z}$  ^ •  
 é c E6x R y- ,<sup>o</sup>  $\hat{u}$  ~  $\zeta$ 3  $\mu$ B\* D  $\hat{U} \in U$  » CX x  $\phi$ . 5 : [  $\hat{u}$  ë q? · CX x |  $\pi$  ,  
 ŽCm!t,<sup>o</sup> q? · = =  $\hat{u}$  ë , e \  $\hat{Z}$  ^ 8 n  $\hat{u}$  ë L  $\neg$  H ] O L $\ddot{Y}$   $\acute{A}N^-$  , % \ A÷+iB-  
 $\delta$ ,<sup>o</sup> Ž!t  $\zeta$  ž , % \ ? $\frac{1}{4}$ - +iB-  $\delta$ ,<sup>o</sup>Cm!tM6"x  $\zeta$ 4  $\mu$ Y6x6x R =  $\hat{O}L\{ \acute{Y} | \delta e \ \hat{Z}$   
 $\wedge$  FPE $\acute{y}$  CX x  $\phi$ . -. M<sup>o</sup>5 : [ ]  $\neg$ +<sup>^</sup>+iB-  $\delta$  CzH ,<sup>o</sup>  $\hat{u}$  ~ > B- 9† p<sup>o</sup> PAx > n  
 $\neg$  >ž E?÷ >

2010 9 16

2010 12 8

2010

2013 8 14

2013 12 3 2013

2016 11 7 <  
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2016 11 25 2016  
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2017 12 20 <  
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2018 1 9 2018  
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2020 12 14 <  
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2020 12 30 2020  
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3 4.25%  
2.71%-4.41% 3.85%-4.35%  
3.78%-4.75%

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LPR

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2017 1 1 -2020 9 30

	2020 9 30 /2020 1-9	2019 12 31 /2019	2018 12 31 /2018	2017 12 31 /2017
	431.41	571.31	471.93	441.42
	32.38	30.68	28.61	26.43
	4.54	4.65	4.38	4.36
	2.55	2.61	2.68	2.85

2017 -2019

2020 1-9

2019

248.56

277.96

1.57

7.86

2020 1-9

276.86

291.97

1.13

3.95

[2020] ZG30258

“

2004 5

2020 9 30

”

[2020] ZG30258 “

2004 5

2020 9 30

”

2020 1-9 276.86

291.97

2020 9 30

9.03

31.99

2019 1 1 2020 9 30

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o a+iB- ½ , Ű ∈ U »+iB- đC] 7CzH =? ¥CU p •NÓ ÔKµE¹ ! JH NÓE¹  
 ],6F 6 U a+iB- đCz ÝCU p)½ p 66.03%,C] 7CzH H NÓ p82.61 õ y ,# U  
 U!tH NÓ p 106.66 õ y ,Kµ U U!tH NÓ p 14 õ y >B-+iB- đ Æ1 µ áMhC] 7Cz  
 H E¹Q ,° Ő >\*< ],C] 7CzH ,° - %o+^FJ Ž t1x\*< û ë ,e \ Ž ^ µ+^  
 L† =D ]6x R ©6Š ĩCzH §1x =K,>,C\ m ^Lü1• û ~ Ç 2 µ áMh Ű ∈ U » ] {  
 Ô Ö ? ¥CU p ,° Ő >\*< ],D B>, P @ 8 ç . e \ Ž ^E¹ ] \$ 8 ,e \ Ž ^  
 .#CmKµ Ě ,° û ë ,e \ Ž ^ ©6Š ĩ- \* Ű LL\* Ű →+^ @ 8 ç .CzH ,° û ~ Ç 3 µ 5  
 > ^ • % P+^C] 7CzH =Cz Ý )æ73 Ñ = ` ›)æH #wN°#•1• µ p73 Ñ æ Ö+á û  
 /¹ » LK6 d ,° § B\* D e \ Ž ^ µ p O Lÿ , Gý ,° Ê / à ó ? ~ ] ,+iB-  
 đ 75#,p \_73 Ñ e \ Ž ^ C.¤ Đ ],e \ / ` ›+U Ý5 :[ b!W ĚN- \$ Ý+UH  
 ]C \_ § ,-. ©O Lÿ áMh e \ , = { < > B- 9† p ° P A x > n → > ž E  
 ? ÷ >

	2020 9 30	2019 12 31	2018 12 31	2017 12 31
	168.60	246.43	172.88	182.47
	391,268.99	183,754.62	247,820.23	147,877.42
	434,664.51	296,426.32	332,285.67	532,464.28
	<b>826,102.10</b>	<b>480,427.38</b>	<b>580,278.78</b>	<b>680,524.17</b>

142.10                      160.61                      132.24                      105.72

2020 9 30

71.95%

14

	<b>2020 9 30</b>	<b>2019 12 31</b>	<b>2018 12 31</b>	<b>2017 12 31</b>
	70,351.32	75,315.99	123,462.70	331,625.02
	179,442.89	3,944.57	1,608.60	6,685.48
	-	302.83	-	50,958.32
	11,198.98	48,239.51	75,134.54	82,420.11
	-	-	9,608.48	47,699.66

	-	82,000	-	-
	173,671.32	128,828.27	120,007.59	-
	<b>434,664.51</b>	<b>338,631.17</b>	<b>329,821.91</b>	<b>519,388.59</b>

2020 9 30

1

		20,430.30	
		32,007.47	
		10,007.35	
		27,240.40	
		90,000.00	
		43,500.00	
		34,050.50	7
		25,878.38	
		13,620.20	
		20,430.30	
		42,903.22	
		43,584.64	

27,240.40

|



[2018] ZI10118 /

[2019] ZI10197 /                      [2020] ZI10177                      2017

12 31 2018 12 31                      2019 12 31

	2020 9 30	2019 12 31	2018 12 31	2017 12 31
	1,066,586.76	825,363.69	671,375.91	783,842.18
	140,000.00	-	-	-

2020 9 30

14.07

2020 9 30

1

		5.00	
		2.00	

		14.00	
		1.10	
		1.00	
		14.65	
		2.72	
		13.59	
		1.30	
		2.00	
		12.94	
		1.00	
		3.00	
		4.00	
		3.49	
		2.00	
		1.04	
		1.76	
		3.30	
		1.50	
		13.40	
		<b>104.78</b>	
		10.00	
		4.00	
		<b>14.00</b>	

	<b>2020 9 30</b>	<b>2019 12 31</b>	<b>2018 12 31</b>	<b>2017 12 31</b>
	82.46%	74.10%	74.52%	75.38%
	0.00%	0.00%	0.00%	0.00%
	85.87%	74.10%	80.38%	86.97%

	20.37%	19.24%	20.73%	19.35%
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WIND

	2020 9 30	2019 12 31	2018 12 31	2017 12 31
	83.05%	72.71%	72.76%	73.46%
	0.00%	0.00%	0.00%	0.00%
	85.87%	72.71%	85.31%	86.97%
	22.46%	20.92%	21.96%	20.67%

WIND

2019

2020

	2020 9 30	2019 12 31	2018 12 31	2017 12 31
	1.15	1.08	1.12	1.08

1

	2020 9 30	2019 12 31	2018 12 31	2017 12 31
	2,100.00	2,156.17	3,204.98	3,883.15
	1,934.40	1,740.96	2,249.46	-
	124.69	158.59	175.80	175.80
	-	-	-	50.83
	1.00	1.00	1.00	0.70
	<b>4,160.09</b>	<b>4,056.72</b>	<b>5,631.24</b>	<b>4,110.48</b>

1-2

2018 5

**1**

2020 9 30 82.61

**2**

2020 9 30 0.24 23.51

1 98.48%

2020 9 30 14.04

2020 9 30 9.39

3

	2020 9 30	2019 12 31	2018 12 31	2017 12 31
	105.72	132.24	160.61	142.10
	4.46	3.52	5.75	5.41
	109.15	117.34	151.90	139.40
	9.48	-10.00	4.21	7.20
/	103.24%	88.73%	94.58%	98.10%
/	212.56%	-284.09%	73.22%	133.09%

/

90%

4

2020

2020	1-9		105.72	4.81%
		4.46	62.25%	2020 1-9

2020 1-9

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		142.10	160.61	132.24
105.72			5.41	5.75
4.46			71,967.25	42,077.04
-100,016.68	94,769.93			

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6 = # ? , μF U!t O Lÿ

`8) 2020 a 9 > 30 , ϕ ..# U U!t •NÓ p 106. 66 õ y ,Kμ U U!t •NÓ  
p 14 õ y , 1\> ϕ .5 :[(~&ĩ >s1x ϕ .-\$ f,°5 :[ û ë 8≠³ ,p \_73 ÑE¹ p ,  
Cz Ý(i ë CzH û ë73 U LÒ ϕ . ? UCéNÓ μF )æ ? U!t , ϕ . /CzH μ+^  
••³¼ { <,º ¿ È , |9 ϕ . v :;º Á?ø)á¹ = 5 :[ — , ==ÃCz Cm)á¹¹•  
+UH ]C \_ L , O %73 Ž ^ ϕ . # ? U μF U!t O Lÿ , 6B / ϕ .CzH  
žEϕ 5 :[ P5 Ý+U C \_ § > ”

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2019

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2019

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## 9

+iB- ð b!W LüCzH CC»Eý 17.10 õ y+^ Ä “ Ž Þ ~F 7#• D W4ú IFVN<sup>-</sup>  
 -\$ >B-+iB- ð Æ1 µ áMh b!W ĚN<sup>-</sup>-\$ - %o ĚCz !NÓ ĺ È D4ü , ĚCz !NÓ,°#•  
 1Í Ó ꝥ Â#•1ÍEý0A ;N<sup>-</sup> ĚCz ° F e \ ” ĚCz b ] e 0 ,e \ µ+^ LüCzH Ě › Ç  
 ´2 µb!W ĚN<sup>-</sup>-\$ D ç .)æ ? P x,°6Š31 D p a ,b!W ĚN<sup>-</sup>-\$ 0Aô,° û?· ] =  
 >\*<] %>, ] ,5 > 8 p iH =1 ĺ / • = ^ •AØ ‹ =)æ ? Ý ÷ Ý73 \_+^½ D  
 5# 8 p 6 Ax H1• û ëB\* D æ Ô Ý73#¾ L à ó Ç3 µB\* D b!W ĚN<sup>-</sup>-\$ -- #•1Í  
 ,°Eý0A B^ „ ] >B- 9† p ° PAx > n - >ž E?÷ >

306,726.40

221,201.93

75,269.25

10,255.23

<b>1</b>		<b>195,753.92</b>	<b>25,448.01</b>	<b>221,201.93</b>	<b>72.12%</b>
<b>2</b>		<b>68,728.30</b>	<b>6,540.95</b>	<b>75,269.25</b>	<b>24.54%</b>
2.1	FAC	13,247.25	1,192.25	14,439.50	4.71%
2.2	FAC	19,459.96	2,529.79	21,989.75	7.17%
2.3		36,021.10	2,818.90	38,840.00	12.66%
<b>3</b>		<b>10,255.23</b>	<b>-</b>	<b>10,255.23</b>	<b>3.34%</b>
<b>4</b>		<b>274,737.45</b>	<b>-</b>	<b>306,726.40</b>	<b>100.00%</b>

**1**

221,201.93

141,684.02

63,624.04

SMT

15,893.87

1		125,384.08	16,299.93	141,684.02
2		56,304.46	7,319.58	63,624.04
3	SMT	14,065.38	1,828.50	15,893.87
<b>4</b>		<b>195,753.92</b>	<b>25,448.01</b>	<b>221,201.93</b>

2

	75,269.25	4,700.00
34,140.00	14,439.50	21,989.75

1		4,700.00	-	4,700.00
2		31,321.10	2,818.90	34,140.00
3		13,247.25	1,192.25	14,439.50
4		19,459.96	2,529.79	21,989.75
<b>5</b>		<b>68,728.31</b>	<b>6,540.94</b>	<b>75,269.25</b>

3

10,255.23

	306,726.40	296,471.17
10,255.23		171,000.00

		<b>296,471.17</b>	<b>96.66%</b>	<b>171,000.00</b>
1		221,201.93	72.12%	-
2		75,269.25	24.54%	-
2.1	FAC	14,439.50	4.71%	-
2.2	FAC	21,989.75	7.17%	-
2.3		38,840.00	12.66%	-
		<b>10,255.23</b>	3.34%	-

	306,726.40	100.00%	171,000.00
--	------------	---------	------------

EMS

EMS

A. DRAM

4,800

B.

246

C. NAND Flash

320

1

1

SMT

IC

“

”

2

DRAM Flash

DRAM

3

5G

MEMS

2019

7,562.30

15.77%

2,349.70

7.10%

4

EMS

EMS

5

I/O

DDR5

FC

TSV

wBGA/FBGA

FlipChip/TSV

DDR4

FC TSV WLP

2

1

2014 6  
2020  
20% 2016 “ ” 2020

2020 7 27

2019  
“ 19 0.8  
BGA PGA CSP  
MCM) LGA SiP FC  
WLP MEMS ”

2018—2021

2

		wBGA	LGA	SOP	TSOP	QFN
SiP						16
	256G					
	DDR4		BGA	LGA		

3

5



1

7,562.30	15.77%	2011	2019		
11.3%	2014	1,255.9	2019	2,349.7	CAGR
		DRAM	NAND Flash	NOR Flash	

5G 5G

2019

2

	MEMS	
	CPU GPU	IGBT
	DRAM Flash	

	DRAM NAND Flash CIS
	DRAM NAND Flash
	DRAM NAND Flash

16

DRAM

NAND Flash

SSD

wBGA DDR3 DDR4 eMCP USB

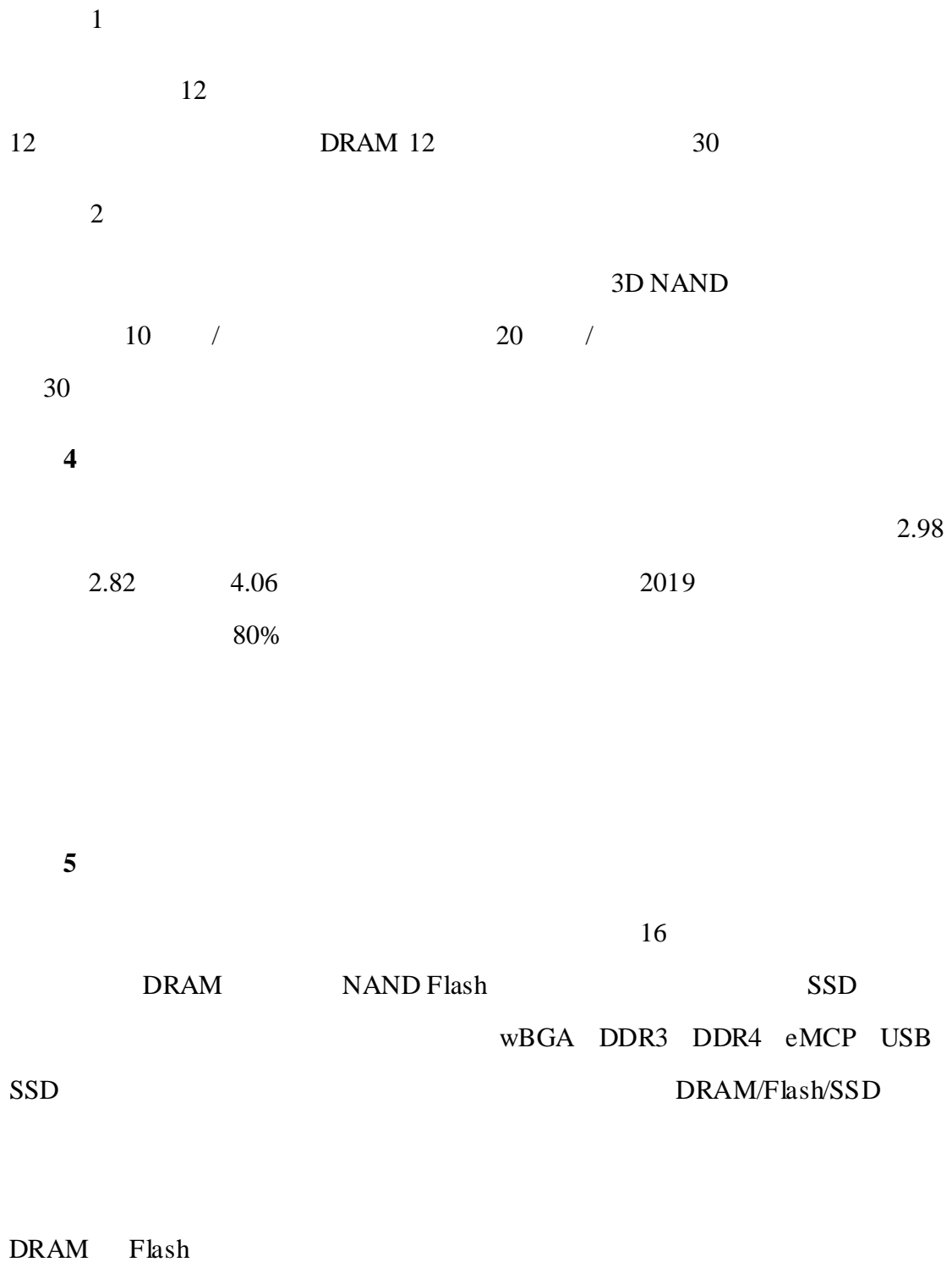
SSD

DRAM/Flash/SSD

DRAM Flash

3

2018



31.05%

**1**

1			306,726.40
2			12
3	(T+4)		286,291.50
4		%	15.22
5		%	19.10
6			26,928.59
7			62,595.55
8	( )		7.59
9	( )		7.12
10		%	18.37
11		%	11.30

**2**

T+4

286,291.50



$$1 = 1 / 100\% \quad 2 =$$

		<b>T</b>	<b>T+1</b>	<b>T+2</b>	<b>T+3</b>	<b>T+4</b>	<b>T+5</b>	<b>T+6</b>	<b>T+7</b>	<b>T+8</b>	<b>T+9</b>	<b>T+10</b>	<b>T+11</b>
1													
		-	25,076.82	78,802.61	195,753.92	195,753.92	195,753.92	195,753.92	195,753.92	195,753.92	195,753.92	195,753.92	195,753.92
		-	1,253.84	10,639.35	31,568.08	39,150.78	39,150.78	37,896.94	28,511.44	7,582.70	-	-	-
		-	23,822.98	66,909.43	152,292.65	113,141.87	73,991.08	36,094.14	7,582.70	-	-	-	-
2													
		17,854.86	68,728.30	68,728.30	68,728.30	68,728.30	68,728.30	68,728.30	68,728.30	68,728.30	68,728.30	68,728.30	68,728.30
		-	1,135.40	4,259.61	4,259.61	4,259.61	4,259.61	4,259.61	4,259.61	4,259.61	4,259.61	4,259.61	3,441.93
		17,854.86	67,592.90	63,333.29	59,073.68	54,814.08	50,554.47	46,294.86	42,035.25	37,775.64	33,516.03	29,256.42	25,814.49
3		-	2,389.24	14,898.96	35,827.69	43,410.39	43,410.39	42,156.55	32,771.05	11,842.31	4,259.61	4,259.61	3,441.93

15.22%

7.59

		10.82%	8.52
	MEMS	15.62%	6.75
	12 TSV	13.83%	6.19
		23.24%	5.66
		<b>15.88%</b>	<b>6.78</b>
		15.22%	7.59

1

2

3



1

2

3

4

1

2

3

2020

A

2021 1 13

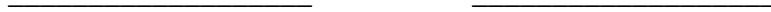
9† p<sup>o:™</sup> ΆΚμ & D



2021 1 13

2020

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2021 1 13