2025

年度报告

紫光国芯微电子股份有限公司

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	指	紫光国芯微电子股份有限公司
	指	清华控股有限公司，2022年6月28日更名为天府清源控股有限公司。
	指	北京智广芯控股有限公司
	指	紫光集团有限公司
	指	西藏紫光春华投资有限公司，2023年2月更名为西藏紫光春华科技有限公司。
	指	紫光同芯微电子有限公司
	指	深圳市国微电子有限公司
	指	唐山国芯晶源电子有限公司
	指	唐山捷准芯测信息科技有限公司
	指	紫光国芯微电子股份有限公司北京分公司
	指	西藏茂业创芯投资有限公司
	指	西安紫光国芯半导体有限公司
	指	深圳市紫光同创电子有限公司
	指	西藏紫光新才信息技术有限公司
SoPC	指	可编程片上系统（System On a Programmable Chip），指基于FPGA解决方案的SOC片上系统设计技术，将处理器、I/O口、存储器以及其他功能模块集成到一片FPGA内。
MOSFET	指	金属-氧化物半导体场效应晶体管（Metal Oxide Semiconductor Field-Effect Transistor），是一种可以广泛使用在模拟电路与数字电路的场效晶体管。
	指	《中华人民共和国证券法》
	指	《中华人民共和国公司法》
	指	《紫光国芯微电子股份有限公司章程》

（一）载有公司负责人、主管会计工作负责人、会计机构负责人（会计主管人员）签名并盖章的财务报表。

（二）载有会计师事务所盖章、注册会计师签名并盖章的审计报告原件。

（三）报告期内公开披露过的所有公司文件的正本及公告的原稿。

以上文件均完整备置于公司董事会办公室。

			002049
	Unigroup Guoxin Microelectronics Co., Ltd.		
	GUOXIN MICRO		

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	42 101		2021 7 14 2022 12 31

	2022	2021		2020
	7,119,905,165.64	5,342,115,108.65	33.28%	3,270,255,229.79
	2,631,891,288.93	1,953,785,798.57	34.71%	806,422,918.70
	2,461,920,189.21	1,795,845,590.84	37.09%	695,802,230.41
	1,726,500,665.66	1,192,512,797.99	44.78%	417,674,626.03
/	3.0978	2.2998	34.70%	0.9492
/	3.0904	2.2998	34.38%	0.9492
	31.06%	31.94%	-0.88pct	17.71%
	2022	2021		2020
	15,328,754,125.82	11,592,248,343.89	32.23%	7,627,730,841.82
	9,703,075,490.59	7,243,496,083.31	33.96%	4,962,143,331.98

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	1,341,294,138.80	1,563,522,678.72	2,031,457,686.68	2,183,630,661.44
	530,617,525.03	667,268,777.29	842,898,876.28	591,106,110.33
	507,716,705.92	645,917,987.81	801,444,547.56	506,840,947.92
	-200,492,239.23	565,644,529.20	778,352,526.59	582,995,849.10

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	2022	2021	2020	
	564,505.52	33,270,143.56	-148,906.28	
	169,680,563.30	79,489,171.77	107,971,495.28	
	-7,191,649.32	23,186,664.13	16,730,874.59	
	17,971,478.72	2,085,720.30		
	-473,239.77	35,391,048.86	-2,956,043.64	
	8,981,170.87	14,820,139.21	10,168,115.03	
	1,599,387.86	662,401.68	808,616.63	
	169,971,099.72	157,940,207.73	110,620,688.29	--

27663 0.9% 2734
12.0% 10254 3.5%

2022
SIA
2022 5735
2021 26.2% 3.2%
SIM
IC
2022 POS SE
16.5% 2022
5384 15.3%

USB-
Key POS

3

1

ASIC/SoPC 500
ASIC/SOC

4

MOSFET 12V-1700V

2 IGBT SiC GaN
SIM IC

TV

2022

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4

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“ ”

“ ” 95%

71.20

33.28% “

26.32 34.71% ” 2.0

17.27 44.78%

97.03 33.96%

5

2

12.49

44.32% 17.55%

107 35.4%

5G eSIM “

C919 “ ” AspenCore “ 70

2 5G ” IC ”

“ 100 ”

“ 2022 100 ” “ - ”

50 37

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“ ”

RISC-V

18

2021

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2022

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FPGA

Nand FLASH

SoPC

MCU AI

DSP

ADC

“

” “

”

Multiepi SJ Gen3

“ ” DeepTrench SJ 12

SiC MOSFET

1

20 MOSFET 20V-1500V

MOSFET

Deep Trench Multi EPI

2022

107

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Q-MEMS

5G

5G OCXO 1409

VCXO

3

SOGIS CC EAL ISC CC EAL4+/EAL6+

AEC-Q100

4

SoPC

SIM

POS SE 50%

45%

5

1

711,990.52 33.28%

263,189.13 34.71% 680,429.08

95.57% 28,739.27 4.04% 2022 12 31

1,532,875.41 32.23% 970,307.55

33.96%

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	2022		2021		
	7,119,905,165.64	100%	5,342,115,108.65	100%	33.28%
	6,804,290,842.35	95.57%	5,028,389,299.00	94.13%	35.32%
	287,392,721.72	4.04%	270,828,639.99	5.07%	6.12%
	28,221,601.57	0.39%	42,897,169.66	0.80%	-34.21%
	4,724,524,412.54	66.36%	3,364,469,635.55	62.98%	40.42%
	2,079,766,429.81	29.21%	1,663,919,663.45	31.15%	24.99%
	287,392,721.72	4.04%	270,828,639.99	5.07%	6.12%
	28,221,601.57	0.39%	42,897,169.66	0.80%	-34.21%
	6,482,829,001.01	91.05%	5,007,421,232.17	93.73%	29.46%
	637,076,164.63	8.95%	334,693,876.48	6.27%	90.35%
	185,770,705.16	2.61%	214,963,606.84	4.02%	-13.58%
	6,934,134,460.48	97.39%	5,127,151,501.81	95.98%	35.24%

2 **10%**

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		2022		2021		
		2,127,667,326.35	90.74%	1,725,262,197.76	90.22%	23.32%
		139,620,325.25	5.95%	121,896,405.09	6.37%	14.54%
		77,539,840.18	3.31%	65,185,372.86	3.41%	18.95%
		138,505,812.00	66.28%	134,162,347.28	62.56%	3.24%
		42,291,323.99	20.24%	46,128,567.03	21.51%	-8.32%
		28,183,875.73	13.49%	34,154,020.69	15.93%	-17.48%

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2022 12 19

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	3,030,821,605.40
	42.75%
	0.00%

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1	1	1,345,694,339.89	18.98%
2	2	723,069,716.05	10.20%
3	3	389,152,245.81	5.49%

4	4	310,157,303.65	4.37%
5	5	262,748,000.00	3.71%
	--	3,030,821,605.40	42.75%

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	1,836,275,728.81
	53.26%
	19.39%

5

1	1	668,541,071.75	19.39%
2	2	661,538,185.55	19.19%
3	3	253,290,791.22	7.35%
4	4	128,714,115.00	3.73%
5	5	124,191,565.29	3.60%
	--	1,836,275,728.81	53.26%

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	2022	2021		
	272,485,963.93	244,259,605.13	11.56%	
	239,550,507.53	222,505,716.72	7.66%	
	-3,542,821.61	19,355,675.55	-118.30%	
	1,210,761,663.04	632,197,149.70	91.52%	

4

	2022	2021	
	1,123	974	15.30%
	50.20%	47.14%	3.06pct
	—	—	—
	470	405	16.05%
	501	487	2.87%
	—	—	—
30	463	296	56.42%
30~40	490	391	25.32%

	2022	2021	
	1,249,465,538.21	865,760,315.27	44.32%
	17.55%	16.21%	1.34pct
	3,832,698.96	211,511,358.50	-98.19%
	0.31%	24.43%	-24.12pct

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	2022	2021	
	7,178,312,147.90	4,928,328,776.87	45.65%
	5,451,811,482.24	3,735,815,978.88	45.93%
	1,726,500,665.66	1,192,512,797.99	44.78%
	1,388,136,181.68	33,525,428.90	4,040.55%
	2,221,307,476.50	424,643,563.24	423.10%
	-833,171,294.82	-391,118,134.34	-113.02%
	1,329,921,416.73	2,127,318,996.44	-37.48%
	1,434,931,660.41	1,194,7	Ğ ž ъ ¦ Ǝ ă } ₇ 8

	2022		2022			
	2,213,238,094.35	14.44%	1,223,164,636.47	10.55%	3.89pct	
	402,316,892.24	2.62%	460,964,557.58	3.98%	-1.36pct	
	447,336,678.26	2.92%	346,631,577.71	2.99%	-0.07pct	
	384,001,731.72	2.51%	244,504,058.79	2.11%	0.40pct	
	47,392,311.96	0.31%	111,231,740.57	0.96%	-0.65pct	
	16,990,319.78	0.11%		0.00%	0.11pct	
		0.00%	50,000,000.00	0.43%	-0.43pct	
	802,625,003.65	5.24%	470,722,379.67	4.06%	1.18pct	
	439,000,000.00	2.86%	92,090,909.03	0.79%	2.07pct	
	11,697,186.98	0.08%		0.00%	0.08pct	
	2,296,809,601.47	14.98%	1,684,549,482.55	14.53%	0.45pct	
	436,342,561.04	2.85%	374,468,887.59	3.23%	-0.38pct	
	376,843,148.76	2.46%	355,391,925.51	3.07%	-0.61pct	
	4,205,417.24	0.03%	408,539,513.31	3.52%	-3.49pct	
	591,789,953.38	3.86%	10,075,204.84	0.09%	3.77pct	
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1.		2,888,350.68			1,384,000,000.00	1,386,888,350.68		
2.								
3.								
4.								
		2,888,350.68			1,384,000,000.00	1,386,888,350.68		
	74,783,624.33	-10,080,000.00						64,703,624.33
	74,783,624.33	-7,191,649.32	0.00	0.00	1,384,000,000.00	1,386,888,350.68	0.00	64,703,624.33
	0.00							0.00

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	315,852,282.33	
	8,106,830.22	
	74,272,448.44	
	393,915,232.19	
	200,000,000.00	
	992,146,793.18	

393,915,232.19

74,272,448.44 2

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124,739,224.93	110,182,608.31	13.21%

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1.92				2,611,061.98	51,521,715.78	
2 5G				4,380,531.00	43,671,375.51	
5G				22,224,824.82	40,565,964.37	
4800 5G				7,648,995.24	7,648,995.24	
				43,327,714.08	43,327,714.08	
T501-0106				40,527,958.20	40,527,958.20	
	--	--	--	120,721,085.32	227,263,723.18	--

1.92	98.00%					
2 5G	100.00%					
5G	98.00%					
4800 5G	50.00%					
	22.00%					
T501-0106					2022 05 21	http://www.cninfo.com.cn T501-0106 2022-020
	--	0.00	0.00	--	--	--

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2021		148,787.66	9,239.44	69,602.76	0	0	0.00%	81,585.53		0
	--	148,787.66	9,239.44	69,602.76	0	0	0.00%	81,585.53	--	0

[2021]1574

2021 6 1500 100

150,000 1,212.34

148,787.66 2021 6 17 [2021] 90047

2022 12 31 69,602.76 25,815.10

43,787.66 81,585.53 2,400.63

2

	( )		(1)		(2)	(3) (2)/ (1)				
1.		60,000	60,000	5,678.8	12,679.92	21.13%				
2.		45,000	45,000	3,560.64	13,135.18	29.19%				
3.		45,000	43,787.66		43,787.66	100.00%				
	--	150,000	148,787.66	9,239.44	69,602.76	--	--		--	--
	--	150,000	148,787.66	9,239.44	69,602.76	--	--	0	--	--

	( )		(1)		(2)	(3) (2)/ (1)				
	“ ” 5G 5G SIM SIM eSIM “ ”									
	2021 9 23 6,652.04									
	20,000 12 2021 6 29 15,000 15,000 2022 6 26									
	2022 12 31 2,400.63					81,585.53				

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2023 “ ” 2023

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10%

			150,000,000.00
			1,000,000,000.00

	8,418,503,849.73	6,815,108,953.58	4,724,524,412.54	2,724,064,383.58	2,493,291,357.74
	4,285,498,232.73	770,544,020.84	1,712,185,422.40	71,694,246.98	56,932,480.18

2022

FPGA FPGA

80%

SoPC IP

SoPC

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2021		51.95%	2022 06 28	2022 06 29	cn http://www.cninfo.com. 2021 2022-035
2022		44.76%	2022 08 15	2022 08 16	cn http://www.cninfo.com. 2022 2022-047
2022		48.19%	2022 11 23	2022 11 24	cn http://www.cninfo.com. 2022 2022-066

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				58	2018 01 17	2023 05 26						
				62	2021 09 10	2023 05 26						
				49	2020 05 26	2023 05 26						
				53	2020 09 25	2023 05 26						
				65	2017 03 23	2023 03 22						
				66	2020 05 26	2023 05 26						
				36	2019 09 10	2023 05 26						
				61	2017 03 23	2023 05 26						
				38	2022 11 23	2023 05 26						
				43	2016 05 24	2023 05 26						
				50	2016 04 20	2023 05 26						

				49	2010 10 29	2023 05 26						
				48	2010 10 29	2023 05 26						
				39	2020 05 26	2023 05 26						
				38	2016 05 12	2022 11 23						
	--	--	--	--	--	--	0	0	0	0	0	--

2022 11 23

			2022 11 23	
			2022 11 23	

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1964 8 2004

MBG

2017 12 2020 7

2020 7

1960 10

2021 9

1973 9

CEO

2020 5

1972 9 1998 2003 2004 2010 8
2010 9 2013 6
2013 9 2015 4
2013 8 2016 3
2016 4

1973 6 2006 2010
2010 10
1974 8
2001 2008 2008 2010
2010 10
1983 1 2012 7 2018 7
2018 10 2020 5
2019 7 2020 5
2020 5

			2020 04 08		
			2019 09 01		

			2018 12 11		
			2018 08 06		
			2021 07 05		
			2020 05 18		
			2021 06 23		
			2021 06 29		
			2021 10 12		
			2021 06 29		

			38		0	
			43		10.04	
			50		194.12	
			49		160.22	
			48		160.22	
			39		153.57	
			38		0	
	--	--	--	--	1,283.65	--

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	2022 01 07	2022 01 08	http://www.cninfo.com.cn 2022-003
	2022 04 19	2022 04 21	http://www.cninfo.com.cn 2022-014
	2022 04 25	2022 04 26	http://www.cninfo.com.cn 2022-017
	2022 05 20	2022 05 21	http://www.cninfo.com.cn 2 Ʊ 22-017 2022-003
			2022 05 05 2
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			2022 05

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	11	4	7	0	0		3
	11	2	9	0	0		2
	11	2	9	0	0		1
	11	2	9	0	0		1
	11	2	9	0	0		3
	11	2	9	0	0		1
	11	2	9	0	0		1

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		7	2022 03 29	2022 2021 2021			
			2022 04 19	2021 2021 2021 2021	2021		
			2022 04 25	2022			
			2022 07 29	2022			
			2022 08 19	2022 2022 2022			
			2022 10 27	2022			
			2022 11 04	2022			
		1	2022 04 19	2021	2021 2021		

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	41
	2,195
	2,236
	2,236
	12
	474
	258
	1,123
	70
	311
	2,236
	657
	856
	723
	2,236

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2021 2021

2022 6 28 2021 2021

2022 4 15 606,860,085 10 3.25

197,229,527.63 10 4

2021 606,863,738 10 3.249980

10 3.999976 2022 8

24

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	2023 03 30
	2022 http://www.cninfo.com.cn
	100.00%
	100.00%
	1 2 3 4 5 ” ”

	≥ 5% ≥ 5% ≥ 3% 5%> ≥ 3% 5%> ≥ 3% 3%> ≥ 1% < 3% < 3% < 1%	≥ 1% 1% ≥ 0.5% 0.5%
	0	
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2022 12 31	
	2023 03 30
	http://www.cninfo.com.cn

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2022 2023 3 30 http://www.cninfo.com.cn

2022

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				2011 01 25	2011 1 2022 7	
				2016 04 07		
				2022 07 11		
				2022 07 11	2022 7 11 2024 1 10	
			18			
				2012 07 04		

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2022 12 19

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2022

2022

2022 2022

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						18,420.67	5.34%	15,200				2022 04 21 http://www.cninfo.com.cn 2022 2022-013
						13,285.74	3.85%	15,000				
						580.26	0.17%	1,220				
						35,243.53	10.22%	43,580				
						0	0.00%	700				

						431.16	0.06%	500				2022 04 21	http:// www.cninfo. c o m . c n 2022 2022-013
						247.47	0.03%	300					
						9.27	0.00%	0					
				--	--	68,218.10	--	76,500	--	--	--	--	--

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			0	3,600	3,600	3.7%	1.09	0

5

6

7

1

1

2

3

2020

10%

10%

2

-		-							-	-
	2019 04 11	30,000	2019 06 25	13,771.65						
	2020 05 06	40,000	2020 05 29	3,823.27						

	2021 04 02	10,000	2021 04 23	4,845.25						
	2022 06 28	20,000	2022 08 25	20,000.00						
B1		20,000		B2		20,000				
B3		100,000		B4		20,000				
-	-	-	-	-	-	-	-	-	-	-
A1+B1+C1		20,000		A2+B2+C2		20,000				
A3+B3+C3		100,000		A4+B4+C4		20,000				
A4+B4+C4				2.06%						
D				0						
70% E				20,000						
50% F				0						
D+E+F				20,000						

3

1

		50,000	0	0	0
		30,000	0	0	0
		80,000	0	0	0

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2021 7 9

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2021 7 16

2021 8 27

2021 12 10

2022 1 17

100%

2022 7 11

100%

2022 7 13

2021 7 10 2021 7 17 2021 8 13 2021 8 28 2021 12 11 2021 12 14 2021 12 30 2022 1 18 2022 7 12 2022 7 14

http://www.cninfo.com.cn

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2020 11

“ ”

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97,917,500 49.81%

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	77,156		135,073		0		0	
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		26.00%	220,901,326	24,338,726	0	220,901,326		
		3.75%	31,879,957	31,879,957	0	31,879,957		
		3.46%	29,411,251	12,207,203	0	29,411,251		
		1.65%	13,987,996	8,158,643	0	13,987,996		
		1.44%	12,228,301	3,730,817	0	12,228,301		
		0.99%	8,444,467	5,680,460	0	8,444,467		
-005L-CT001		0.89%	7,578,715	7,033,582	0	7,578,715		
CES		0.88%	7,469,011	4,398,433	0	7,469,011		
		0.86%	7,323,303	2,092,363	0	7,323,303		
		0.86%	7,320,408	5,860,677	0	7,320,408		
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	220,901,326		220,901,326
	31,879,957		31,879,957
	29,411,251		29,411,251
	13,987,996		13,987,996
	12,228,301		12,228,301
	8,444,467		8,444,467
-005L-CT001	7,578,715		7,578,715
CES	7,469,011		7,469,011
	7,323,303		7,323,303
	7,320,408		7,320,408
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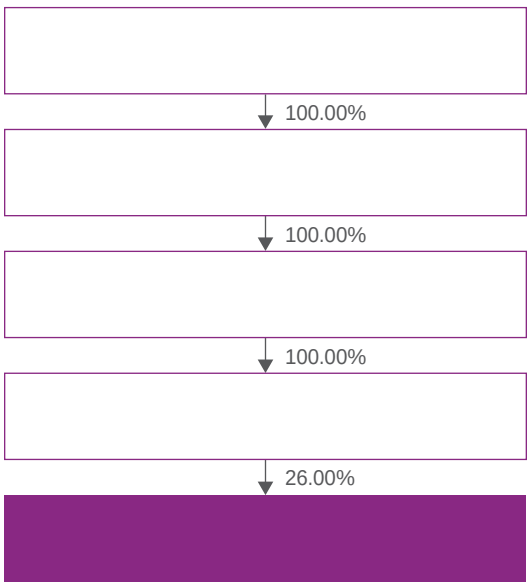

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	2021 12 17 -2027 6 9	15,000,000	1,500,000,000.00	6,425,600.00	46,545	0.01%	1,493,574,400.00	99.57%

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1	5		518,215	51,821,500.00	3.47%
2			461,592	46,159,200.00	3.09%
3	40		423,577	42,357,700.00	2.84%

4			384,855	38,485,500.00	2.58%
5			302,757	30,275,700.00	2.03%
6			290,905	29,090,500.00	1.95%
7			256,823	25,682,300.00	1.72%
8	3		240,669	24,066,900.00	1.61%
9			221,902	22,190,200.00	1.49%
10			213,848	21,384,800.00	1.43%

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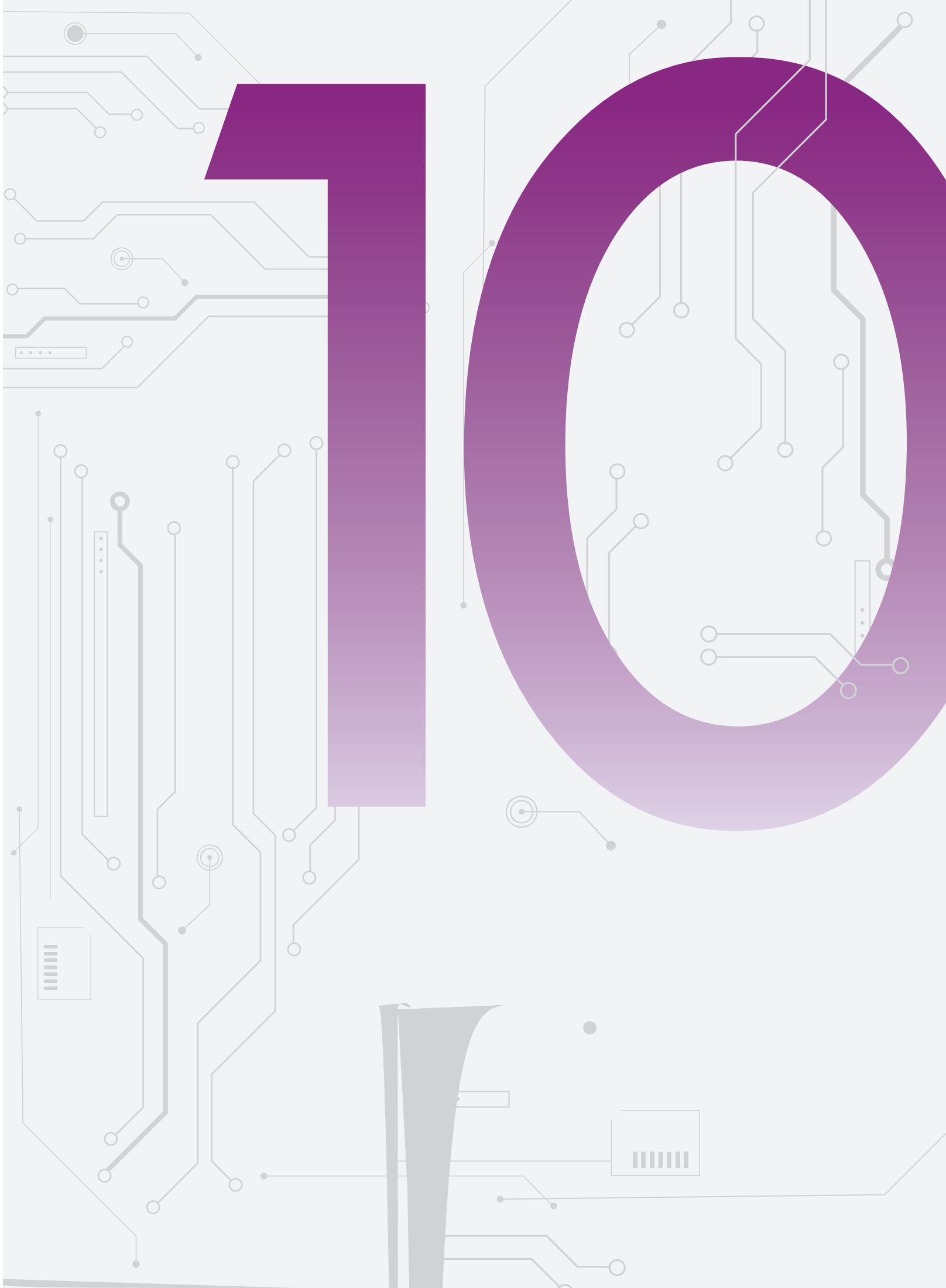
	3.52	3.35	5.07%
	36.23%	37.10%	-0.87pct
	2.75	2.74	0.36%
	246,192.02	179,584.56	37.09%
EBITDA	142.32%	130.00%	12.32pct
	42.58	40.30	5.66%
	110.57	42.36	161.02%
EBITDA	47.15	43.58	8.19%
	100.00%	100.00%	0.00%
	100.00%	100.00%	0.00%



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	2022 12 31	2022 1 1
	456,729,546.93	309,442,726.73
	897,634,539.29	913,594,475.96
	5,998,045.92	18,918.40
	802,625,003.65	470,722,379.67
	718,288,463.78	555,177,047.22
	92,278,589.68	106,134,824.31
	107,764,461.98	18,985,414.19
	70,453,436.15	106,506,989.96
	325,682,260.97	108,739,990.75
	3,477,454,348.35	2,639,322,767.19
	439,000,000.00	92,090,909.03
	1,321,572,037.48	1,276,744,994.57
	11,697,186.98	
	800,000.00	28,771,749.42
	54,090,066.30	185,648,969.22
	73,985,824.37	77,785,576.09
	175,000,000.00	
	2,076,145,115.13	1,661,042,198.33
	5,553,599,463.48	4,300,364,965.52
	849,608,551.00	606,837,179.00
	176,037,873.59	176,480,592.40
	648,411,999.25	886,924,227.17
	13,112,807.60	-7,987,991.34
	139,508,432.28	136,686,620.52
	7,876,395,826.87	5,444,555,455.56
	9,703,075,490.59	7,243,496,083.31
	72,079,171.75	48,387,295.06
	9,775,154,662.34	7,291,883,378.37
	15,328,754,125.82	11,592,248,343.89

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2022 12 31

	2022 12 31	2022 1 1
	170,165,573.08	378,597,329.85
		1,295,496.36
	12,775,914.60	6,984,756.54
	361,035.13	384,866.97
	1,482,561,614.89	1,245,083,801.35
	22,524,297.79	14,645,686.93
	21,450.98	905,174.90
	454,180.64	990,163.07
	1,666,339,769.32	1,634,241,589.04
	2,511,524,747.77	2,511,224,747.77
	64,703,624.33	64,703,624.33
	3,643,186.41	3,982,933.57
	22,332,818.80	35,732,510.20
	392,991.72	821,748.60
	2,602,597,369.03	2,616,465,564.47
	4,268,937,138.35	4,250,707,153.51
		50,000,000.00

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2022 1-12

	2022	2021
	7,119,905,165.64	5,342,115,108.65
	7,119,905,165.64	5,342,115,108.65
	4,368,659,536.40	3,333,340,793.46
	2,577,367,760.76	2,164,686,340.00
	72,036,462.75	50,336,306.36
	272,485,963.93	244,259,605.13
	239,550,507.53	222,505,716.72
	1,210,761,663.04	632,197,149.70
	-3,542,821.61	19,355,675.55
	69,298,627.32	55,365,184.53
	62,591,252.66	33,937,304.84
	102,195,923.91	54,703,856.34
“ ”	81,124,939.54	70,578,660.09
	98,594,841.79	18,397,915.89
“ - ”		
“ ”		
“ ”	-10,080,000.00	9,425,041.53
“ - ”	13,876,771.20	3,314,063.22
“ - ”	-56,993,585.64	-10,000,169.23
“ - ”	555,249.93	3,708,537.72
“ ”	2,881,924,928.18	2,140,504,304.86
	487,559.96	36,474,154.81

	2022	2021
	965,644.14	1,085,322.67
“ ”	2,881,446,844.00	2,175,893,137.00
	241,034,757.88	191,900,826.89
“ ”	2,640,412,086.12	1,983,992,310.11
1. “ ”	2,640,412,086.12	1,983,992,310.11
2. “ ”		
1.	2,631,891,288.93	1,953,785,798.57
2.	8,520,797.19	30,206,511.54
	21,100,798.94	-4,945,985.70
	21,100,798.94	-4,945,985.70
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	21,100,798.94	-4,945,985.70
1.		395,806.19
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6.	21,100,798.94	-5,341,791.89
7.		
	2,661,512,885.06	1,979,046,324.41
	2,652,992,087.87	1,948,839,812.87
	8,520,797.19	30,206,511.54
	3.0978	2.2998
	3.0904	2.2998

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2022 1-12

	2022	2021
	32,008,692.07	20,408,596.29
	31,556,075.09	19,391,990.58
	89,163.98	188,358.30
	7,954,215.70	4,052,179.21
	30,194,055.38	12,019,317.09
	19,982,235.19	7,948,678.57
	28,511,010.80	13,376,067.34
	58,762,700.52	39,263,992.69
	30,271,694.62	25,914,861.76
	83,794.65	117,944.46
“ ”	102,399,424.65	128,687,885.35
		2,427,481.03
“ - ”		
“ ”		
“ ”		11,418,925.65
“ - ”	1,832.05	-34,063.88
“ - ”		
“ - ”		
“ ”	16,206,987.28	103,622,696.78
		25,190,643.83
	50.00	6,352.01
“ ”	16,206,937.28	128,806,988.60
	-12,011,180.29	1,038,790.15
“ ”	28,218,117.57	127,768,198.45
“ ”	28,218,117.57	127,768,198.45
“ ”		
		345,497.03
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		345,497.03
1.		345,497.03
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	28,218,117.57	128,113,695.48

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2022 1-12

	2022	2021
	6,491,681,555.12	4,670,711,270.62
	110,649,565.26	59,286,225.52
	575,981,027.52	198,331,280.73
	7,178,312,147.90	4,928,328,776.87
	3,081,701,463.15	2,189,693,149.36
	1,122,327,621.21	670,868,619.01
	843,433,497.25	533,849,561.09
	404,348,900.63	341,404,649.42
	5,451,811,482.24	3,735,815,978.88
	1,726,500,665.66	1,192,512,797.99

	2022	2021
	14,100.00	24,776,335.00
	2,888,350.68	
	1,233,731.00	8,749,093.90
	1,384,000,000.00	
	1,388,136,181.68	33,525,428.90
	307,305,508.30	423,580,806.03
	1,914,001,968.20	1,062,757.21
	2,221,307,476.50	424,643,563.24
	-833,171,294.82	-391,118,134.34
	14,000,000.00	1,501,500,000.00
	14,000,000.00	12,000,000.00
	536,000,000.00	208,635,019.66
	779,921,416.73	417,183,976.78
	1,329,921,416.73	2,127,318,996.44
	262,449,242.36	767,496,812.44
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	2022	2021
	23,694,423.87	14,454,263.82
	924,496.17	1,823,404.60
	132,092,029.58	198,781,839.29
	156,710,949.62	215,059,507.71
	23,630,109.24	17,775,788.75
	18,243,088.73	1,507,329.28
	407,257.67	189,648.49
	156,846,087.34	180,695,558.40
	199,126,542.98	200,168,324.92
	-42,415,593.36	14,891,182.79
		24,776,335.00
	120,337,636.41	86,218,985.77
	325,000,000.00	289,145,814.46
	445,337,636.41	400,141,135.23
	20,508.19	139,486.97
	300,000.00	1,500,000.00
	554,550,000.00	1,359,551,844.03
	554,870,508.19	1,361,191,331.00
	-109,532,871.78	-961,050,195.77
		1,489,500,000.00
	200,000,000.00	50,000,000.00
	98,000,000.00	41,500,000.00
	298,000,000.00	1,581,000,000.00
	50,000,000.00	421,640,941.22
	206,057,613.01	102,375,416.72
	98,425,680.82	43,159,500.00
	354,483,293.83	567,175,857.94
	-56,483,293.83	1,013,824,142.06
	2.20	-0.54
	-208,431,756.77	67,665,128.54
	378,597,329.85	310,932,201.31
	170,165,573.08	378,597,329.85

	2022												
	606,837,179.00			176,480,592.40	886,924,227.17		-7,987,991.34		136,686,620.52		5,444,555,455.56		7,243,496,083.31	48,387,295.06	7,291,883,378.37
	606,837,179.00			176,480,592.40	886,924,227.17		-7,987,991.34		136,686,620.52		5,444,555,455.56		7,243,496,083.31	48,387,295.06	7,291,883,378.37
“ ”	242,771,372.00			-442,718.81	-238,512,227.92		21,100,798.94		2,821,811.76		2,431,840,371.31		2,459,579,407.28	23,691,876.69	2,483,271,283.97
							21,100,798.94				2,631,891,288.93		2,652,992,087.87	8,520,797.19	2,661,512,885.06
	27,334.00			-442,718.81	4,231,810.08								3,816,425.27	15,171,079.50	18,987,504.77
1														14,000,000.00	14,000,000.00
2	27,334.00			-442,718.81	3,751,486.97								3,336,102.16		3,336,102.16
3															
4					480,323.11								480,323.11	1,171,079.50	1,651,402.61
									2,821,811.76		-200,050,917.62		-197,229,105.86		-197,229,105.86
1									2,821,811.76		-2,821,811.76				
2															
3											-197,229,105.86		-197,229,105.86		-197,229,105.86

	2021													
	606,817,968.00				648,990,666.43		-3,265,671.43		123,909,800.67		3,585,690,568.31		4,962,143,331.98	6,180,783.52	4,968,324,115.50
	606,817,968.00				648,990,666.43		-3,265,671.43		123,909,800.67		3,585,690,568.31		4,962,143,331.98	6,180,783.52	4,968,324,115.50
“ ”	19,211.00			176,480,592.40	237,933,560.74		-4,722,319.91		12,776,819.85		1,858,864,887.25		2,281,352,751.33	42,206,511.54	2,323,559,262.87
							-4,945,985.70				1,953,785,798.57		1,948,839,812.87	30,206,511.54	1,979,046,324.41
	19,211.00			176,480,592.40	237,933,560.74								414,433,364.14	12,000,000.00	426,433,364.14
1.														12,000,000.00	12,000,000.00
2.	19,211.00			176,480,592.40	2,646,384.59								179,146,187.99		179,146,187.99
3.															
4.					235,287,176.15								235,287,176.15		235,287,176.15
									12,776,819.85		-94,697,245.53		-81,920,425.68		-81,920,425.68
1.									12,776,819.85		-12,776,819.85				
2.															
3.											-81,920,425.68		-81,920,425.68		-81,920,425.68
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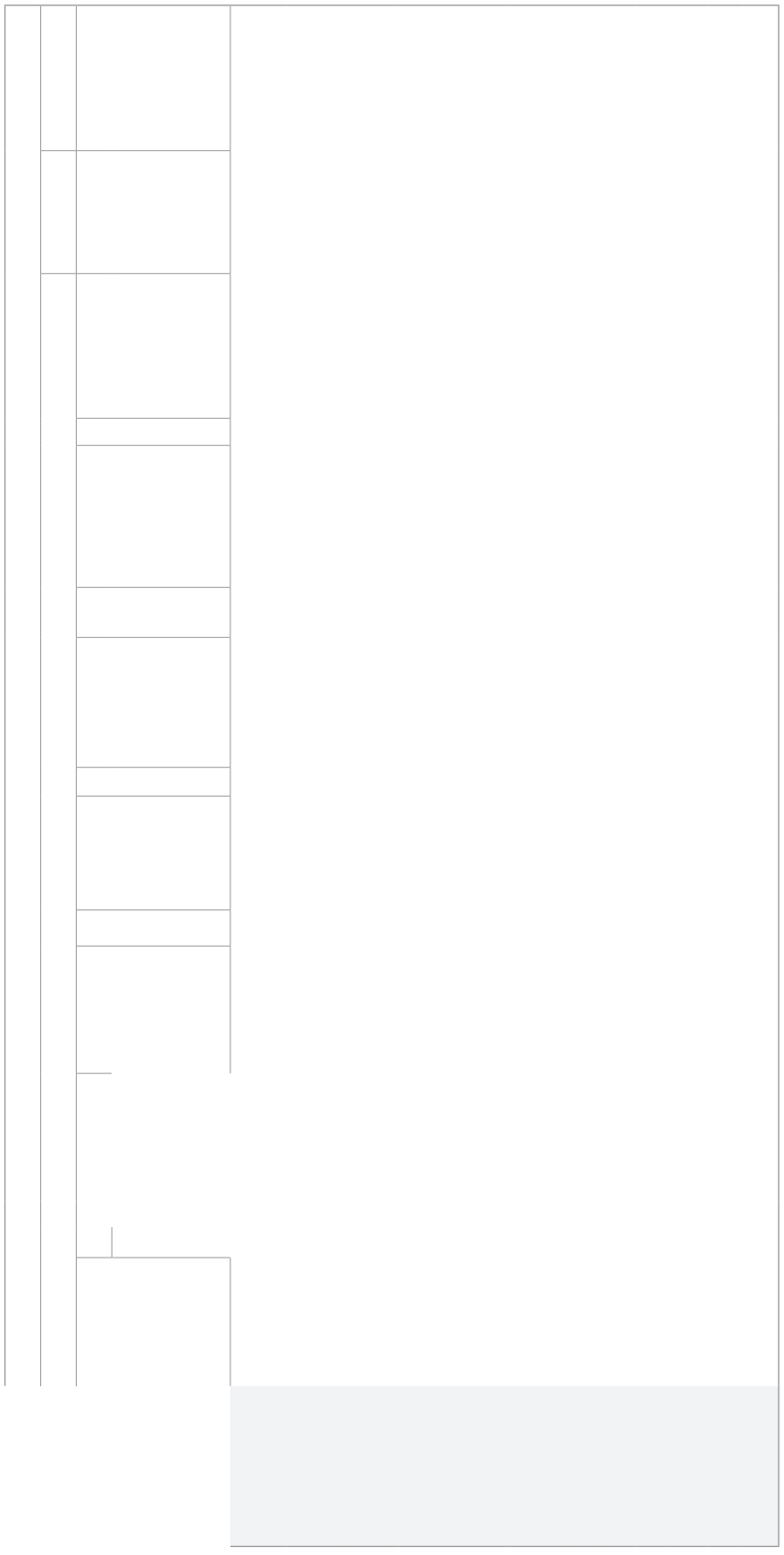

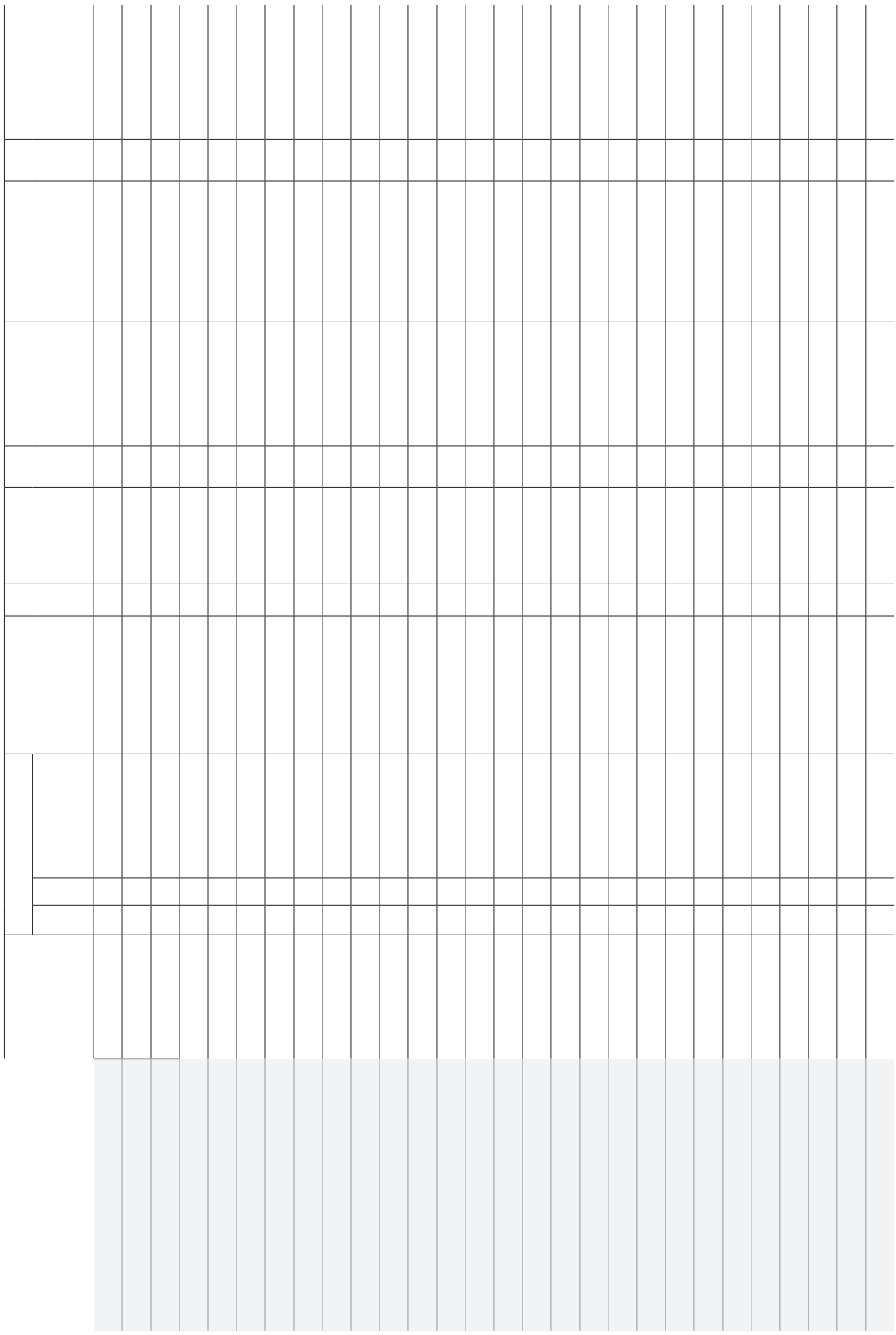

	2021										
	606,817,968.00				1,249,013,414.99		-569,162.82		121,582,825.80	632,373,423.13		2,609,218,469.10
	606,817,968.00				1,249,013,414.99		-569,162.82		121,582,825.80	632,373,423.13		2,609,218,469.10
“ ”	19,211.00			176,480,592.40	-27,322,947.55		569,162.82		12,776,819.85	32,847,287.13		195,370,125.65
							345,497.03			127,768,198.45		128,113,695.48
	19,211.00			176,480,592.40	-27,322,947.55							149,176,855.85
1												
2	19,211.00			176,480,592.40	2,646,384.59							179,146,187.99
3												
4					-29,969,332.14							-29,969,332.14
									12,776,819.85	-94,697,245.53		-81,920,425.68
1									12,776,819.85	-12,776,819.85		
2										-81,920,425.68		-81,920,425.68
3												
							223,665.79			-223,665.79		
1												
2												
3												
4												
5							223,665.79			-223,665.79		
6												
1												
2												
	606,837,179.00			176,480,592.40	1,221,690,467.44				134,359,645.65	665,220,710.26		2,804,588,594.75

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3		5-10	5	9.50-19.00
4		3-5	5	19.00-31.67

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		5% 6% 9% 13%
		5% 7%
	70%	1.2% 12%
		10% 15% 16.5% 25%

	15%
	10%
	15%
	16.5%
	15%
	15%
MARS TECHNOLOGY PTE.LTD.	

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2011 100

[2016]49 3%

2019

2020 45 39

2022 11

10%

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10%

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2016 36

13%

13%

2022 12 31 2022

1 1 2022 1-12 2021 1-12

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	80,663.71	90,715.87
	3,776,240,614.95	2,968,032,835.82
	315,852,282.33	194,388,191.59
	4,092,173,560.99	3,162,511,743.28
	12,393,074.60	13,572,478.33

	285,852,282.33	161,320,391.59
	30,000,000.00	33,067,800.00
	315,852,282.33	194,388,191.59

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	195,730,092.92	159,672,777.49
	2,101,079,508.55	1,524,876,705.06
	2,296,809,601.47	1,684,549,482.55

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	233,582,719.12	
		255,763,618.10
	233,582,719.12	255,763,618.10

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		%		%	
	18,932,116.72	0.60	15,507,242.68	81.91	3,424,874.04
	70,924,122.69	2.27	3,265,572.03	4.60	67,658,550.66
	3,042,446,039.33	97.13	7,822,779.19	0.26	3,034,623,260.14
	2,994,159,845.82	95.59	2,994,159.84	0.10	2,991,165,685.98
	48,286,193.51	1.54	4,828,619.35	10.00	43,457,574.16
	3,132,302,278.74	100.00	26,595,593.90	0.85	3,105,706,684.84

		%		%	
	63,913,135.89	2.65	4,382,703.16	6.86	59,530,432.73
	2,316,570,884.68	95.86	4,119,120.67	0.18	2,312,451,764.01
	2,298,363,311.18	95.11	2,298,363.32	0.10	2,296,064,947.86
	18,207,573.50	0.75	1,820,757.35	10.00	16,386,816.15
	2,416,549,158.88	100.00	44,566,962.14	1.84	2,371,982,196.74

0.1%

10%

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			%	
1	12,048,626.16	12,048,626.16	100.00	
2	801,049.60	801,049.60	100.00	
3	397,050.00	397,050.00	100.00	
4	5,685,390.96	2,260,516.92	39.76	
	18,932,116.72	15,507,242.68	81.91	

3

4,667,007.78 18,572,951.24

4

	6,130,437.00
	6,130,437.00

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996,338,910.65

31.81% 3,730,504.97

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		%		%
1	410,759,204.90	94.14	363,788,945.37	97.14
1 2	20,390,559.46	4.67	10,292,447.86	2.75
2 3	5,104,292.46	1.17	368,504.22	0.10
3	88,504.22	0.02	18,990.14	0.01
	436,342,561.04	100.00	374,468,887.59	100.00

2 1

1	8,840,902.30	
2	8,760,867.09	
3	1,680,088.50	
4	1,468,211.94	
5	1,073,054.99	
6	939,800.00	
7	922,925.00	
8	878,468.14	
	24,564,317.96	

3

274,063,947.38

62.81%

5

	35,910,277.98	6,996,295.01
	35,910,277.98	6,996,295.01

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	31,892,787.79	6,258,378.33
	4,901,384.67	1,596,214.21
	36,794,172.46	7,854,592.54

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	12	( )	( )	
2022 1 1		6,637.30	851,660.23	858,297.53
		29,375.70	29.63	29,405.33
		233.07		233.07
			3,574.86	3,574.86
		-0.45		-0.45
2022 12 31		35,779.48	848,115.00	883,894.48

3

1 1	30,248,599.40
1 2	2,843,756.50
2 3	835,690.00
3 4	1,581,969.41
4 5	490,197.15
5	793,960.00
	36,794,172.46

4

29,405.33 233.07

5

	3,574.86

6

29,486,519.19

80.14% 595,267.02

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	496,764,083.28	39,046,201.87	457,717,881.41	267,230,424.61	36,525,823.70	230,704,600.91
	2,623,940.46		2,623,940.46	1,214,031.93		1,214,031.93
	155,105,582.65		155,105,582.65	176,262,170.07		176,262,170.07
	498,117,908.35	15,234,553.88	482,883,354.47	258,120,833.48	872,137.70	257,248,695.78
	602,365,370.27	52,216,636.98	550,148,733.29	316,665,628.01	39,249,060.72	277,416,567.29
	457,158,334.73		457,158,334.73	153,161,050.42		153,161,050.42
	111,847,521.22	4,247,253.88	107,600,267.34	130,827,121.34	3,669,601.27	127,157,520.07
	2,323,982,740.96	110,744,646.61	2,213,238,094.35	1,303,481,259.86	80,316,623.39	1,223,164,636.47

2

	36,525,823.70	14,629,953.40		12,109,575.23		39,046,201.87
	872,137.70	14,362,416.18				15,234,553.88
	39,249,060.72	23,194,061.45		10,226,485.19		52,216,636.98
	3,669,601.27	4,561,783.62		3,984,131.01		4,247,253.88
	80,316,623.39	56,748,214.65		26,320,191.43		110,744,646.61

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	31,852,840.65	1,152,517.07	30,700,323.58			
	31,852,840.65	1,152,517.07	30,700,323.58			

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1,152,517.07

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	37,655,871.66	6,801,294.59
	5,901,958.26	48,489.75
	43,557,829.92	6,849,784.34

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	447,336,678.26		447,336,678.26	348,105,512.61	1,473,934.90	346,631,577.71
	447,336,678.26		447,336,678.26	348,105,512.61	1,473,934.90	346,631,577.71

2

		445,706,742.61	
	1,629,935.65	1,629,935.65	
	1,629,935.65	447,336,678.26	
	1,629,935.65	447,336,678.26	

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	64,703,624.33	74,783,624.33
	64,703,624.33	74,783,624.33
	64,703,624.33	74,783,624.33

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1.	493,022,449.83	493,022,449.83
2.		
1		
2		
3.	43,578,123.15	43,578,123.15
1		
2	43,578,123.15	43,578,123.15
4.	449,444,326.68	449,444,326.68
1.	31,971,969.25	31,971,969.25

2.	15,069,542.19	15,069,542.19
1	15,069,542.19	15,069,542.19
2		
3.		
1		
2		
4.	47,041,511.44	47,041,511.44
1.	85,923.00	85,923.00
2.		
1		
2		
3.		
1		
2		
4.	85,923.00	85,923.00
1.	402,316,892.24	402,316,892.24
2.	460,964,557.58	460,964,557.58

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1.	95,468,135.45	478,010,850.78	8,722,867.30	194,726,812.37	776,928,665.90
2.	1,881,030.03	193,220,335.96	474,747.71	39,698,789.70	235,274,903.40
1	96,802.84	44,818,132.90	474,747.71	24,508,837.98	69,898,521.43
2	1,784,227.19	130,030,660.96		12,281,207.32	144,096,095.47
3		18,371,542.10		2,908,744.40	21,280,286.50
3.		59,132,760.48	261,381.00	6,302,438.07	65,696,579.55

1		19,761,218.38	261,381.00	3,393,693.67	23,416,293.05
2		39,371,542.10		2,908,744.40	42,280,286.50
4.	97,349,165.48	612,098,426.26	8,936,234.01	228,123,164.00	946,506,989.75
1.	36,631,096.89	303,712,440.38	5,382,375.83	162,896,417.01	508,622,330.11
2.	3,217,432.89	38,728,407.30	698,477.06	9,503,748.33	52,148,065.58
1	3,217,432.89	38,728,407.30	698,477.06	9,503,748.33	52,148,065.58
2					
3.		14,627,221.07	248,311.95	3,119,544.50	17,995,077.52
1		14,627,221.07	248,311.95	3,119,544.50	17,995,077.52
2					
4.	39,848,529.78	327,813,626.61	5,832,540.94	169,280,620.84	542,775,318.17
1.		23,378,526.98		423,750.02	23,802,277.00
2.					
1					
3.		4,052,853.60		19,483.54	4,072,337.14
1		4,052,853.60		19,483.54	4,072,337.14
2					
4.		19,325,673.38		404,266.48	19,729,939.86
1.	57,500,635.70	264,959,126.27	3,103,693.07	58,438,276.68	384,001,731.72
2.	58,837,038.56	150,919,883.42	3,340,491.47	31,406,645.34	244,504,058.79

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	1,647,858.65

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	47,392,311.96	111,231,740.57
	47,392,311.96	111,231,740.57

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1.92	1,115,044.26		1,115,044.26	48,910,653.80		48,910,653.80
2 5G				39,290,844.51		39,290,844.51
5G	723,893.80		723,893.80	18,341,139.55		18,341,139.55
	1,735,849.05		1,735,849.05	1,444,339.62		1,444,339.62
4800 5G	7,648,995.24		7,648,995.24			
	33,583,329.16		33,583,329.16			
	2,585,200.45		2,585,200.45	3,244,763.09		3,244,763.09
	47,392,311.96		47,392,311.96	111,231,740.57		111,231,740.57

2

1.92	48,910,653.80	2,611,061.98	50,406,671.52		1,115,044.26
2 5G	39,290,844.51	4,380,531.00	43,671,375.51		
5G	18,341,139.55	22,224,824.82	39,842,070.57		723,893.80
4800 5G		7,648,995.24			7,648,995.24
		43,327,714.08	9,744,384.92		33,583,329.16

14

1.			
2.	21,411,624.61	2,360,366.30	23,771,990.91
1	21,411,624.61	2,360,366.30	23,771,990.91
2			
3.	2,448,278.63	2,360,366.30	4,808,644.93
1	2,448,278.63	2,360,366.30	4,808,644.93
4.	18,963,345.98		18,963,345.98
1.			
2.	2,041,033.94	65,565.73	2,106,599.67
1	2,041,033.94	65,565.73	2,106,599.67
3.	68,007.74	65,565.73	133,573.47
1	68,007.74	65,565.73	133,573.47
4.	1,973,026.20		1,973,026.20
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3.			
1			
4.			
1.	16,990,319.78		16,990,319.78
2.			

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1.	101,659,867.71	1,591,362.00	17,165,915.75	567,779,468.06	1,160,000.00	689,356,613.52
2.	40,527,958.20		1,450,904.93	140,777,251.66	2,575,188.68	185,331,303.47
(1)	40,527,958.20		1,450,904.93		2,575,188.68	44,554,051.81
(2)				140,777,251.66		140,777,251.66
(3)						
3.				103,710,013.50		103,710,013.50
(1)				103,710,013.50		103,710,013.50
4.	142,187,825.91	1,591,362.00	18,616,820.68	604,846,706.22	3,735,188.68	770,977,903.49

		30,891,988.21			30,891,988.21		
	408,539,513.31	1,249,465,538.21		140,777,251.66	1,421,742,096.12	91,280,286.50	4,205,417.24

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	685,676,016.95					685,676,016.95
	685,676,016.95					685,676,016.95

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	2023-2027				12.92

2023-2027

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	22,417,571.45	22,430,803.45	12,454,820.44	1,246,516.55	31,147,037.91
	1,749,173.17	1,098,747.17	552,370.46		2,295,549.88
	24,166,744.62	23,529,550.62	13,007,190.90	1,246,516.55	33,442,587.79

19

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	84,825,760.41	9,285,199.95	134,860,566.69	14,505,874.92
	4,510,682.32	451,068.23	119,672,958.74	11,987,251.77
	130,666.30	19,599.94	90,327,155.16	9,733,053.28
			870,728.24	217,682.06
	26,504,799.80	4,381,393.73	16,946,137.89	3,134,828.48
	22,188,984.92	2,218,898.48	1,816,631.90	181,663.19
	29,472,842.63	2,947,284.26		
	3,130,646.52	313,064.65		
	170,764,382.90	19,616,509.24	364,494,178.62	39,760,353.70

2

	51,195,485.60	12,798,871.40	52,471,779.32	13,117,944.83
	18,898,424.33	4,724,606.08	25,978,424.33	5,432,606.08
	79,021,870.38	11,762,724.30	26,218,770.60	4,088,623.83
	172,002,362.52	43,000,590.61	220,585,605.43	55,146,401.35
	16,990,319.77	1,699,031.98		
	338,108,462.60	73,985,824.37	325,254,579.68	77,785,576.09

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	652,631,622.56	144,116,532.66
	144,189,505.63	12,963,858.90
	796,821,128.19	157,080,391.56

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2022		18,559,403.31
2023	20,127,703.64	20,479,060.01
2024	3,900,134.03	8,041,744.64
2025	31,987,590.38	39,924,377.81
2026	53,017,083.05	57,111,946.89
2027	43,481,945.80	
2028		
2029	3,975,576.41	
2030	3,556,061.74	
2031	2,515,203.36	
2032	490,070,324.15	
	652,631,622.56	144,116,532.66

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	456,729,546.93	309,442,726.73
	456,729,546.93	309,442,726.73

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1 1	852,962,767.14	711,287,409.79
1 2	30,471,060.73	176,389,374.71
2 3	5,804,670.86	9,570,914.02
3	8,396,040.56	16,346,777.44
	897,634,539.29	913,594,475.96

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1	11,005,132.08	
2	4,448,906.21	
3	4,006,800.00	
4	3,711,941.83	
5	3,548,503.88	
6	3,126,000.00	
7	1,569,959.28	
8	1,535,776.93	
9	870,762.21	
10	748,588.09	
	34,572,370.51	

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1 1	5,998,045.92	18,918.40
	5,998,045.92	18,918.40

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	658,658,170.44	190,979,000.32
	143,966,833.21	279,743,379.35
	802,625,003.65	470,722,379.67

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	554,755,907.44	1,232,083,536.89	1,071,273,531.95	715,565,912.38
-	421,139.78	63,889,488.14	61,588,076.52	2,722,551.40
		2,949,167.14	2,949,167.14	
	555,177,047.22	1,298,922,192.17	1,135,810,775.61	718,288,463.78

2

	520,878,285.74	1,117,580,846.46	974,010,470.51	664,448,661.69
		11,527,701.58	11,527,701.58	
	11,098.10	37,617,246.76	36,046,873.80	1,581,471.06
	8,554.14	35,426,904.19	33,888,354.37	1,547,103.96
	1,753.21	1,235,787.26	1,205,524.27	32,016.20
	790.75	954,555.31	952,995.16	2,350.90
		43,566,996.54	43,299,408.66	267,587.88
	33,866,523.60	21,790,745.55	6,389,077.40	49,268,191.75
	554,755,907.44	1,232,083,536.89	1,071,273,531.95	715,565,912.38

3

	420,664.53	62,254,530.71	60,034,258.02	2,640,937.22
	475.25	1,634,957.43	1,553,818.50	81,614.18
	421,139.78	63,889,488.14	61,588,076.52	2,722,551.40

27

	30,959,866.94	39,592,998.50
	2,115,413.56	2,801,198.47
	51,928,770.73	55,031,776.59
	5,186,069.38	4,496,353.48
	908,436.60	1,200,826.65
N خه		

	10,000,000.00	
		20,480,770.44
	373,841.67	504,185.52
	3,319,054.23	1,663,700.67
	6,260,540.25	
	70,453,436.15	106,506,989.96

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		(%)			
	50,000,000.00	1 LPR 100BP	2022-6-30	2023-6-29	
	500,000.00		2022-6-30	2023-12-29	
	50,500,000.00				

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		(%)			
	9,500,000.00	1 LPR	2022-1-18	2023-1-17	
	500,000.00	200BP	2022-1-18	2023-7-17	
	10,000,000.00				

30

	255,763,618.10	
	69,918,642.87	108,739,990.75
	325,682,260.97	108,739,990.75

31

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	400,000,000.00	175,949,242.36

	99,500,000.00	
29	60,500,000.00	83,858,333.33
	439,000,000.00	92,090,909.03

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		(%)			
	200,000,000.00	1 LPR 20BP	2022-4-29	2024-4-28	
	74,500,000.00		2022-6-30	2024-6-29	
	500,000.00	1 LPR 100BP	2022-6-30	2024-12-29	
	74,500,000.00		2022-6-30	2025-6-29	
	349,500,000.00				

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		(%)			
	19,500,000.00	1 LPR 200BP	2022-1-18	2024-1-17	
	500,000.00		2022-1-18	2024-7-17	
	19,500,000.00		2022-1-18	2025-1-17	
	500,000.00		2022-1-18	2025-7-17	
	19,500,000.00		2022-1-18	2026-1-17	
	500,000.00		2022-1-18	2026-7-17	
	29,500,000.00		2022-1-18	2027-1-17	
	89,500,000.00				

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127038	1,321,572,037.48	1,276,744,994.57
	1,321,572,037.48	1,276,744,994.57

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127038	1,500,000,000.00	2021/6/10	6	1,276,744,994.57	
	1,500,000,000.00			1,276,744,994.57	

127038	4,647,656.62	52,692,377.76		3,217,678.23	1,321,572,037.48
	4,647,656.62	52,692,377.76		3,217,678.23	1,321,572,037.48

[2021]1574 2021 6 10

15 2022 12 31 1,493,574,400

	1,262,352,316.91	237,647,683.09	1,500,000,000.00
	10,202,641.06	1,920,726.86	12,123,367.92
	1,252,149,675.85	235,726,956.23	1,487,876,632.08
	81,225,379.41		81,225,379.41
	6,314,026.69		6,314,026.69
	5,488,991.09	1,009,791.43	6,498,782.52
	1,321,572,037.48	234,717,164.80	1,556,289,202.28

33

	19,008,184.29	
	1,050,457.06	
	17,957,727.23	
	6,260,540.25	
	11,697,186.98	

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		27,971,749.42
	800,000.00	800,000.00
	800,000.00	28,771,749.42

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		52,121,098.66
		3,668,578.80
		48,452,519.86
		20,480,770.44
		27,971,749.42

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SoC	800,000.00			800,000.00	
	800,000.00			800,000.00	

35

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	185,648,969.22	88,732,431.54	220,291,334.46	54,090,066.30
	185,648,969.22	88,732,431.54	220,291,334.46	54,090,066.30

2

						/
1	91,744,100.00	34,296,200.00		124,990,300.00	1,050,000.00	
2	985,714.06		985,714.06			
1	78,912,400.00	38,374,000.00		79,592,000.00	37,694,400.00	
2	6,652,768.46	9,062,231.54		500,000.00	15,215,000.00	
LED	353,986.70		223,320.40		130,666.30	
2021	7,000,000.00			7,000,000.00		
5G 2022		7,000,000.00		7,000,000.00		
	185,648,969.22	88,732,431.54	1,209,034.46	219,082,300.00	54,090,066.30	

36

	175,000,000.00	
	175,000,000.00	

37

		+ -						
						1,650.00	1,650.00	1,650.00
	606,837,179.00			242,744,038.00	27,334.00	-1,650.00	242,769,722.00	849,606,901.00
	606,837,179.00			242,744,038.00	27,334.00		242,771,372.00	849,608,551.00

1 2021 2021 606,863,738

10 3.999976 242,744,038

2 15 2021 12 17 2022 27,334

37,562 3,756,200 2022 12 31 46,545

64,256 6,425,600

38

	234,717,164.80	235,307,456.54
	58,679,291.21	58,826,864.14
	176,037,873.59	176,480,592.40

32

39

	616,736,696.99	3,751,486.97	242,744,038.00	377,744,145.96
	270,187,530.18	480,323.11		270,667,853.29
	886,924,227.17	4,231,810.08	242,744,038.00	648,411,999.25

1 3,751,486.97

2021 2021 606,863,738

10 3.999976 242,744,038.00

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	-7,987,991.34	21,100,798.94				21,100,798.94		13,112,807.60
	-7,987,991.34	21,100,798.94				21,100,798.94		13,112,807.60

41

	134,697,717.70	2,821,811.76		137,519,529.46
	994,451.41			994,451.41
	994,451.41			994,451.41
	136,686,620.52	2,821,811.76		139,508,432.28

42

	5,444,555,455.56	3,585,690,568.31
	5,444,555,455.56	3,585,690,568.31
	2,631,891,288.93	1,953,785,798.57
	2,821,811.76	12,776,819.85
	197,229,105.86	81,920,425.68
		223,665.79
	7,876,395,826.87	5,444,555,455.56

43

	7,091,683,564.07	2,553,808,503.50	5,299,217,938.99	2,126,788,910.70
	28,221,601.57	23,559,257.26	42,897,169.66	37,897,429.30
	7,119,905,165.64	2,577,367,760.76	5,342,115,108.65	2,164,686,340.00

44

	37,296,968.39	24,638,321.91
	15,987,308.26	10,582,229.93
	10,658,205.45	7,054,878.53
	3,818,963.91	3,574,535.73
	3,098,924.78	3,234,894.83
	1,157,895.29	1,230,715.43
	18,196.67	20,730.00
	72,036,462.75	50,336,306.36

45

	200,092,060.94	191,518,165.49
	49,507,702.19	30,471,147.43
	11,154,374.88	13,154,594.41
	4,628,072.32	3,803,581.09
	2,205,906.95	514,002.04
	1,598,001.10	1,748,346.77
	1,102,871.82	923,218.78
	684,608.38	899,441.53
	561,718.62	409,622.64
	460,484.82	623,783.62
	200,843.58	4,043.91
	200,430.51	79,710.16
	77,960.47	109,051.26
	10,927.35	896.00
	272,485,963.93	244,259,605.13

46

	2,695,084.55	1,690,432.18
	1,550,021.23	1,914,086.42
	1,497,185.09	1,433,305.74
	1,291,830.41	793,921.99
	1,254,186.59	575,409.11
	108,240.95	597.00
	61,414.15	25,354.24
	239,550,507.53	222,505,716.72

47

	878,527,046.87	400,891,067.76
	135,640,148.42	54,964,061.85
	80,444,346.81	111,710,660.10
	74,005,643.76	49,332,925.88
	18,094,100.14	6,359,058.22
	8,862,609.33	3,763,938.05
	8,196,873.99	1,733,910.08
	3,726,873.01	2,345,513.31
	2,571,576.28	910,925.77
	692,444.43	185,088.68
	1,210,761,663.04	632,197,149.70

48

	69,298,627.32	55,365,184.53
	62,591,252.66	33,937,304.84
	-11,814,662.44	-3,341,331.24
	1,564,466.17	1,269,127.10
	-3,542,821.61	19,355,675.55

49

			/
	47,304,566.83	18,685,282.50	
	15,544,900.00	5,404,600.00	
	13,146,743.00	7,388,327.00	

			/
	5,558,066.00	4,797,700.00	
	5,524,812.52		
	3,120,078.47	1,456,000.00	
“ ”	2,400,000.00		
	2,370,570.12	563,704.33	
1		1,894,137.79	
2	2,358,510.14	10,506,985.24	
	2,275,000.00	2,000,000.00	
	1,415,861.62	995,638.91	
	790,655.81	355,645.11	
	223,320.40	235,570.36	
	162,839.00	272,562.16	
		147,702.94	
	102,195,923.91	54,703,856.34	

50

	14,100.00	
	98,594,841.79	18,397,915.89
	2,888,350.68	-884,650.00
		14,646,272.60
		29,563,822.56
	-20,372,352.93	8,855,299.04
	81,124,939.54	70,578,660.09

51

	-10,080,000.00	9,425,041.53
	-10,080,000.00	9,425,041.53

52

	13,905,943.46	3,881,568.22
	-29,172.26	-567,505.00
	13,876,771.20	3,314,063.22

53

	-55,841,068.57	-10,000,169.23
	-1,152,517.07	
	-56,993,585.64	-10,000,169.23

54

	555,249.93	3,708,537.72	555,249.93
	555,249.93	3,708,537.72	555,249.93
	555,249.93	3,708,537.72	555,249.93

55

	148,953.97	35,561,139.39	148,953.97
		4,692.76	
	338,605.99	908,322.66	338,605.99
	487,559.96	36,474,154.81	487,559.96

56

	4,844.41	6,909.48	4,844.41
	600,000.00	90,242.19	600,000.00
	360,799.73	988,171.00	360,799.73
	965,644.14	1,085,322.67	965,644.14

57

1

	224,556,034.69	202,797,894.49
	16,478,723.19	-10,897,067.60
	241,034,757.88	191,900,826.89

2

	2,881,446,844.00

/	720,361,711.00
	-422,445,486.52
	11,234,722.80
	-24,677,429.84
	3,401,784.99
	-225,184.34
	93,251,860.70
	-139,867,220.91
	241,034,757.88

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	1,384,000,000.00	
	1,384,000,000.00	

4)

	1,384,000,000.00	
	510,000,000.00	
	20,001,968.20	
		178,107.21
		884,650.00
	1,914,001,968.20	1,062,757.21

5)

	779,921,416.73	358,708,284.88
		411,691.90
		58,064,000.00
	779,921,416.73	417,183,976.78

6)

	904,453,307.47	298,229,914.99
	49,871,496.15	11,938,009.33
	2,274,344.28	
		400,000.00
	820,111.93	1,737,095.74
	957,419,259.83	312,305,020.06

2

1.		
	2,640,412,086.12	1,983,992,310.11
	56,993,585.64	10,000,169.23
	-13,876,771.20	-3,314,063.22
	67,217,607.77	44,720,384.32

	2,106,599.67	
	236,279,323.59	130,607,647.32
	13,007,190.90	6,071,561.51
“ - ”	-555,249.93	-3,658,295.53
“ - ”	4,844.41	2,216.72
“ - ”	10,080,000.00	-9,425,041.53
“ - ”	46,696,026.27	56,807,584.61
“ - ”	-81,124,939.54	-70,578,660.09
“ - ”	20,143,844.46	-12,253,302.47
“ - ”	-3,665,121.27	1,356,234.87
“ - ”	-1,045,972,733.85	-330,946,200.17
“ - ”	-1,228,029,575.08	-1,523,001,778.64
“ - ”	1,006,783,947.70	912,132,030.95
	1,726,500,665.66	1,192,512,797.99
2.		
3.		
	3,776,321,278.66	2,968,123,551.69
	2,968,123,551.69	1,236,065,120.63
	808,197,726.97	1,732,058,431.06

3

	20,001,968.20
	3,606,375.52
	16,395,592.68
	-20,001,968.20

4

	3,776,321,278.66	2,968,123,551.69
	80,663.71	90,715.87
	3,776,240,614.95	2,968,032,835.82
	3,776,321,278.66	2,968,123,551.69

60

	315,852,282.33	
	8,106,830.22	
	74,272,448.44	
	393,915,232.19	
	200,000,000.00	
	992,146,793.18	

393,915,232.19

74,272,448.44 2

61

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	93,272,353.82	6.9646	649,604,635.41
	1,145,963.99	0.8933	1,023,689.63
	8,237,272.19	6.9646	57,369,305.89
	3,150,000.00	6.9646	21,938,490.00
	4,491,632.20	6.9646	31,282,421.62
	136,746,737.00	0.05236	7,159,785.66
	88,389.01	0.8933	78,957.90

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2022 12 19

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					(%)		
					100		
					100		
					100		
MARS TECHNOLOGY PTE.LTD.						100	
					100		
					100		
					100		
					100		
						35	
						70	
					100		
					100		
						100	
					100		

1 35.00%

2 2021 12 22 2021

2022 3 31 4,500

2

	(%)			
	30.00	-703,622.87		0.00
	65.00	13,100,798.44		72,079,171.75
	—	-73,390.87		0.00
	—	-3,802,987.51		0.00

1 2014 8 19 3,000.00 70%
83,723,955.79 -4,190,269.43 108,775,429.32
-1,844,859.87

2 2019 3 15 4,500.00 35%
301,521,154.31 21,338,701.03 294,739,356.12
112,074,659.98

3 2022 12 31 “ “
16,411,368.96 -112,909.03 28,439,566.56 4,656,959.01

4 2022 12 31 “ ”
22,451,194.29 -5,850,750.01 8,536,204.28
-6,458,619.78

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				(%)		
					29.47	

2022 12 28 “ ”
29.47% 29.20% 2023 1 19

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	/
	1,512,408,356.32
	445,706,742.61
	445,706,742.61
	351,513,834.71
	351,513,834.71

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	1,629,935.65
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996,338,910.65 31.81%

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LPR LPR

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17.35%

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2022 12 31

	4,092,173,560.99		4,092,173,560.99
	2,296,809,601.47		2,296,809,601.47
	3,132,302,278.74		3,132,302,278.74
	36,794,172.46		36,794,172.46
		64,703,624.33	64,703,624.33
		515,263,068.50	515,263,068.50
	456,729,546.93		456,729,546.93
	897,634,539.29		897,634,539.29
	107,764,461.98		107,764,461.98
	70,453,436.15		70,453,436.15
	255,763,618.10		255,763,618.10
		439,000,000.00	439,000,000.00
		1,321,572,037.48	1,321,572,037.48
		11,697,186.98	11,697,186.98
		175,000,000.00	175,000,000.00

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	12
	12
	12
	12

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			570,751.27	439,006.40
			4,201,988.73	4,558,632.52
			5,856,494.34	9,159,898.69
				2,160,730.92
			33,496,979.52	34,660,067.33
			1,029,868.98	604,667.30
			184,206,758.03	77,527,300.49
( )			92,599,460.18	11,769,225.92
				12,389.38
			904,420.34	590,148.59
				168,415,969.21
			352,435,265.04	

2) /

			2,991,405.00	709,720.00
				708,526.54
				42,477.88
Linxens Singapore Pte.Ltd.				16,913,472.91
			1,222,846.89	599,710.64
				4,123.90
				10,548.67
			97,343.36	
			92,654.86	
				643,151.73
			1,213,149.33	

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1)

			1,088,755.58

2)

			1,539,306.52
		1,261,534.84	

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1)

	0.00	2019/6/25	2026/6/24	
	0.00	2020/5/29	2026/5/28	
	0.00	2021/4/23	2026/4/22	
	200,000,000.00	2022/8/25	2028/6/29	

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			36,000,000.00	36,000,000.00	0.00	10,947.95

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	1,213.61	1,216.23

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		558,163.50	2,549.96	85,857.40	85.86
	Linxens Singapore Pte.Ltd			1,512,714.01	1,512.71
				235,981.33	235.98
		16,858,262.50	1,506,286.79		
		5,685,390.96	2,260,516.92		
				237,870.00	237.87
		18,654,651.15		27,327,266.29	
				130,000.00	
		50,000,000.00			

2

		1,366,894.00	1,805,232.66
			59,589,547.99
			156,797,382.91
		9,643,865.01	39,301,286.75
			269,000.00
		323,992.01	58,049.49
		155,132.57	206,635.78
			135,107.97
	( )	43,002,036.31	13,127,859.93
		4,782,709.75	
		4,000,000.00	
	Unic Memory Technology(Singapore) Pte.Ltd.		24,204,140.37

		326,414,220.50	
			40,198,417.09
			21,004,969.86
	Linxens Singapore Pte Ltd.	9,499,257.09	
		56,415.93	60,752.21
			289,550.92
		289,550.92	

4

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				2011 01 25	2011 1 2022 7	
				2016 04 07		
				2022 07 11		
			18	2022 07 11	2022 7 11 2024 1 10	

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70% 300 30% 2023 3 20

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	20,861,528.41	305,003,345.71	2,081,278,028.76
	17,297,972.14	222,948,209.50	1,114,519,485.41
	106,361,327.53	28,585,263.11	863,639,340.66
	107,946,973.85	51,559,779.56	91,145,145.88
	4,187,672,160.31	649,115,053.41	4,562,989,004.97

	1,773,215,238.19	106,783,577.12	3,619,309,197.60
	2,414,456,922.12	542,331,476.29	943,679,807.37
	20,205,324.43	57,099,023.15	1,429,846,356.32

	4,724,524,412.54	-11,762,149.78	7,119,905,165.64
	1,231,981,589.35	-9,379,495.64	2,577,367,760.76
	738,324,067.57	-17,654,685.98	1,719,255,312.89
	2,493,291,357.74	-103,531,170.91	2,640,412,086.12
	9,104,179,866.68	-3,175,201,959.55	15,328,754,125.82
	1,603,394,896.15	-1,549,103,445.58	5,553,599,463.48
	7,500,784,970.53	-1,626,098,513.97	9,775,154,662.34
	219,349,961.76		1,726,500,665.66

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2021 7 9 “ ”

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100%

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100

97,917,500 49.81% 16.14% 2022 6 9

2022 1 14

38,775,668 6.39%

2022 6 29 10,329,221 1.70%

28,446,447 4.69%

157,786,932 26.00%

3

2021 12 10 “ ”

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100%

100% 2022 4 19 4 21

2022 6 24 100% 2022 6 28

100%

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10.5 7.5

5

		%		%	
	12,810,376.13	100.00	34,461.53	0.27	12,775,914.60

3

	22,524,297.79	14,645,686.93
	1,460,037,317.10	1,230,438,114.42
	1,482,561,614.89	1,245,083,801.35

1

	22,524,297.79	14,645,686.93
	22,524,297.79	14,645,686.93

2

	1,559,704.12	1,589,704.12
	1,458,479,172.68	1,228,850,000.00
	1,460,038,876.80	1,230,439,704.12

	12	( )	( )	
2022 1 1		1,589.70		1,589.70
		30.00		30.00
2022 12 31		1,559.70		1,559.70

1 1	229,629,172.68
1-2	1,135,743,203.01
2-3	54,250,000.00
3	40,416,501.11
	1,460,038,876.80

30.00

1,458,924,270.68

99.92% 1,524.27

4

	2,511,524,747.77		2,511,524,747.77	2,511,224,747.77		2,511,224,747.77
	2,511,524,747.77		2,511,524,747.77	2,511,224,747.77		2,511,224,747.77

	592,459,079.47			592,459,079.47		
	988,293,976.09			988,293,976.09		
	15,030,454.67	300,000.00		15,330,454.67		
	170,567,926.00			170,567,926.00		
	143,012,497.45			143,012,497.45		
	13,000,000.00			13,000,000.00		
	224,500,000.00			224,500,000.00		
	300,000.00			300,000.00		
	77,196,986.68			77,196,986.68		
	286,863,827.41			286,863,827.41		
	2,511,224,747.77	300,000.00		2,511,524,747.77		
	1.2	8,300,000.00		1.2	7,815,914.24	

3,000 1,300 3,000

30 25,000 22,450

5

	31,529,916.07	31,348,883.09	19,074,785.80	18,534,825.92
	478,776.00	207,192.00	1,333,810.49	857,164.66
	32,008,692.07	31,556,075.09	20,408,596.29	19,391,990.58

6

	100,000,000.00	82,000,000.00
		2,427,481.03
		14,646,272.60
		29,614,131.72
	2,399,424.65	
	102,399,424.65	128,687,885.35

1

	564,505.52	33,270,143.56
	169,680,563.30	79,489,171.77

	-7,191,649.32	23,186,664.13
	17,971,478.72	2,085,720.30
	-473,239.77	35,391,048.86
	180,551,658.45	173,422,748.62
	8,981,170.87	14,820,139.21
	1,599,387.86	662,401.68
	169,971,099.72	157,940,207.73

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	%	/	
	31.06	3.0978	3.0904
	29.05	2.8977	2.8939

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