

10	2.70	2025 3 31	279,729,118
	1,267,894	278,461,224	
75,184,530.48			
	10.93%		10.93%

2024

2024

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..... 13

..... 67

..... 92

..... 103

..... 136

..... 146

..... 146

..... 147

		8
		11
SEMI		Semiconductor Equipment and Materials International
		BEOL FEOL FEOL
		/
Demo		Demo
Demo		Demo
CMOS		Complementary Metal Oxide Semiconductor N-MOS P-MOS
FinFET		Fin Field-Effect Transistor

		TSV 2.5D WLP 3D SiP FC
CVD		Chemical Vapor Deposition
PECVD		Plasma Enhanced Chemical Vapor Deposition
UV Cure		, UV
ALD		Atomic Layer Deposition
PE-ALD		Plasma Enhanced Atomic Layer Deposition
Thermal-ALD		Thermal Atomic Layer Deposition
SACVD		Sub-atmospheric Pressure Chemical Vapor Deposition
HDPCVD		High Density Plasma Chemical Vapor Deposition
Flowable CVD		Flowable Chemical Vapor Deposition
		HBM Chiplet
PVD		Physical Vapor Deposition
EFEM		Equipment Front-End Module
		SiO ₂ SiN SiON
SiO ₂		
SiN		
TEOS		Tetraethyl Orthosilicate SiO ₂

SiON	Silicon Oxynitride		
SiOC	N-FREE DARC Coating	Nitrogen-free Dielectric Anti-reflective	
FSG	Fluorinated Silicate Glass		
PSG	Phospho-silicate Glass		0

100% SATIF

TS-300		5	10	2
TS-300S		5	TS-300 1	5
VS-300T			4	2
PCT		Patent Cooperation Treaty		

		Piotech Inc.		
		Piotech		
		109-3	109-3	14
		2024 12 31		
		900		109-3 109-3
		14		
		900		
		110171		
		www.piotech.cn		
		ir@piotech.cn		

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		www.cs.com.cn	www.cnstock.c
		om	www.stcn.com
		www.sse.com.cn	
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				2022	4	20	2025 12 31

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	2024	2023	(%)	2022
	4,103,453,853.41	2,704,974,035.48	51.70	1,705,562,723.82
	688,154,723.26	662,583,836.09	3.86	368,470,797.91
	356,137,942.78	312,119,681.34	14.10	178,057,348.30
	-282,525,331.06	-1,657,342,652.77		247,625,867.82
	2024	2023	%	2022
	5,280,154,359.39	4,593,860,407.52	14.94	3,711,485,492.51
	15,314,166,086.88	9,969,345,254.15	53.61	7,313,735,941.18

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	2024	2023	(%)	2022
	2.48	2.39	3.77	1.45
	2.46	2.38	3.36	1.45
	1.28	1.13	13.27	0.70
%	14.11	16.09	1.98	13.13
%	7.30	7.58	0.28	6.34

		2024				
	%	18.42	21.29	2.87		22
2023				2024	6	
						0.48
		277,052,948	278,320,842			



1

2018 2024 96.79%

410,345.39 51.70%

386,272.46 È 50.29% Ä PECVD
ALD

ALD SiCO SiN ~~AIN~~

HDPCVD SACVD

Flowable CVD

È 48.78%

9,566.85

2

68,815.47 3.86% È

Öl È

PECVD Bianca ÄPF-300T Plus

PF-300M

	263,048.18	94.44%		298,273.65
2023	138,152.46		160,121.19	115.90%
4			53.61%	
		1,000		416,405.86
193,387.32		115.32%		2023

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	1-3	4-6	7-9	10-12
	471,789,687.75	795,100,997.92	1,010,924,149.20	1,825,639,018.54
	10,471,659.86	118,622,300.49	142,190,832.82	416,869,930.09
	-44,209,267.86	64,166,740.55	45,527,520.87	290,652,949.22
	-721,350,817.72	-178,461,704.90	-99,205,391.21	716,492,582.77

	2024		2023	2022
	22,187.99		29,369.68	-51,952.80
	143,001,060.81		328,898,463.35	170,821,355.45

	203,075,728.22		97,792,886.23	30,151,080.95
	13,216.94			
	9,726,027.20		710,400.00	
	-161,653.78		-158,809.59	-244,026.16
	-898,971.38		-3,785,578.00	-3,505,673.03
	21,433,756.66		70,776,334.62	
	1,327,058.86		2,246,242.30	6,757,334.80
	332,016,780.48		350,464,154.75	190,413,449.61

1

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	688,154,723.26	662,583,836.09
	239,981,153.95	227,551,026.37
	928,135,877.21	890,134,862.46
	356,137,942.78	312,119,681.34
	239,110,484.46	223,765,448.37
	595,248,427.24	535,885,129.71

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	29,483,715.00	193,407,425.36	163,923,710.36	175,040,000.27
	260,586,924.00	473,660,444.00	213,073,520.00	28,547,335.02
	290,070,639.00	667,067,869.36	376,997,230.36	203,587,335.29

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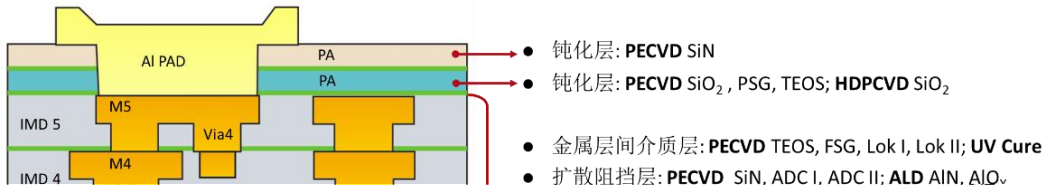
SEMI

2024

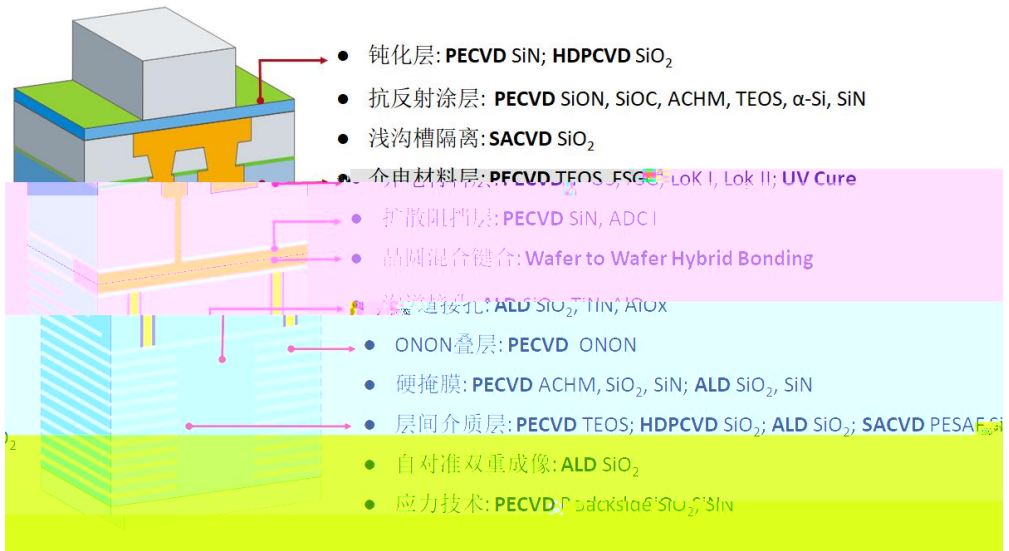
496

35%

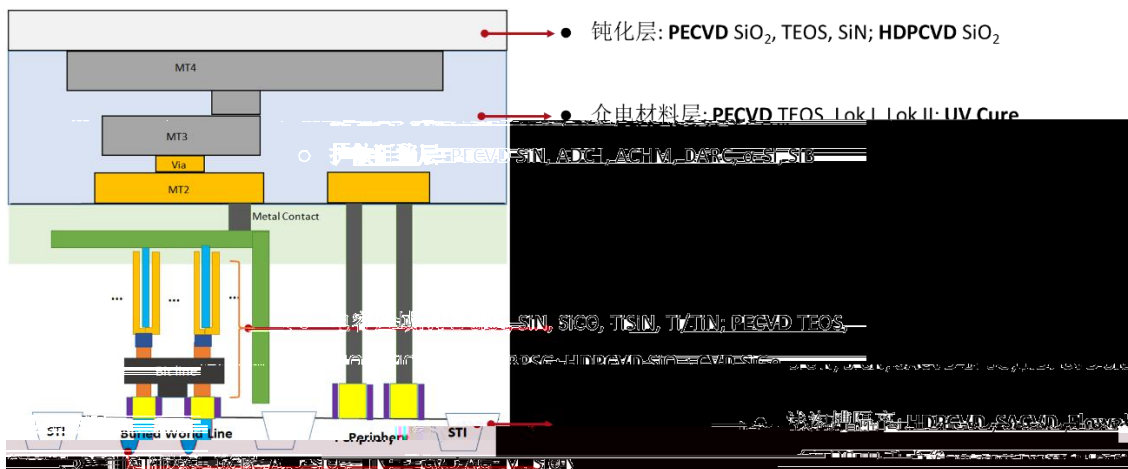


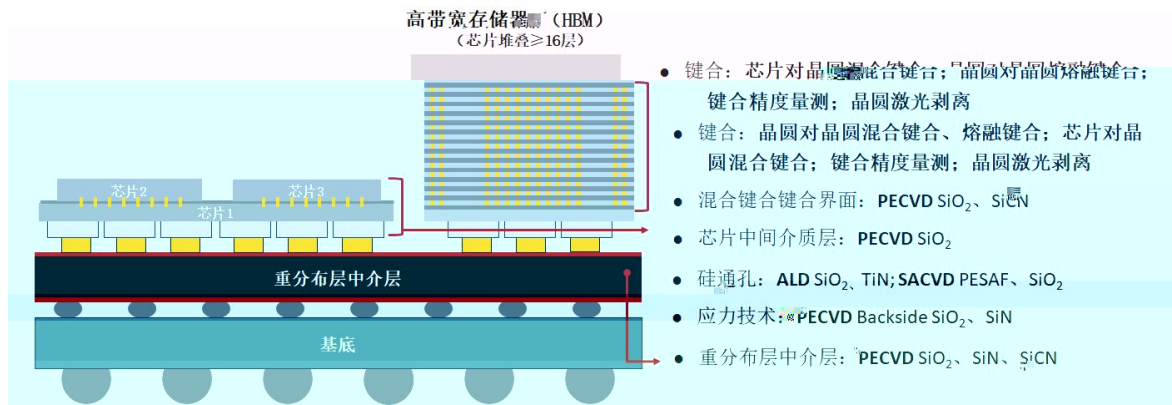


3D NAND



DRAM





2024

	410,345.39	51.70%	
68,815.47	3.86%		35,613.79
	14.10%		

2024 12 31 1,531,416.61 53.61%
528,015.44 14.94%

75,597.63

31.26%

18.42%

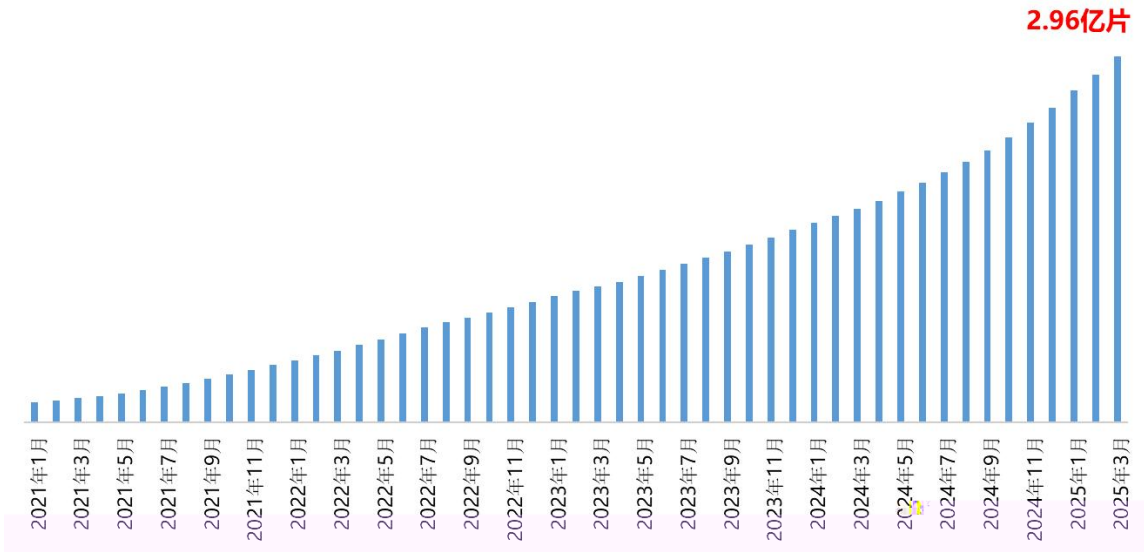
PECVD ALD SACVD HDPCVD
Flowable CVD PECVD Bianca
PF-300T Plus PF-300M pX Supra-D PECVD
Stack ONO ACHM
ALD ALD SiCO SiN AlN
ALD VS-300T
(COO)
PECVD ALD SACVD HDPCVD Flowable CVD
100

2024

1,000 2,500 220
pX Supra-D 70

Uptime 90%

2.96



1 PECVD

PECVD

CVD PECVD

PECVD PECVD
PECVD PECVD UV Cure

PECVD	PECVD	PF-300T	SiO ₂ SiN TEOS SiON SiOC FSG BPSG PSG LoK-I LoK- ACHM ADC- ADC - HTN a-Si
		PF-300T eX	
		PF-300T Plus eX	
		PF-300T pX	
		PF-300T Plus pX	
		PF-300T Plus Supra-D	SiN SiO ₂
		PF-300M Supra-D	
	PF-300T Bianca		
NF-300H	Thick TEOS		
NF-300M Supra-H			
PF-150T	SiO ₂ SiN TEOS SiON		
PF-200T			
UV Cure	PF-300T Upsilon	HTN LoK-	

① PECVD

PECVD

PECVD

SiO₂ SiN TEOS SiON SiOC FSG BPSG PSG

ACHM LoK- LoK- ADC- ADC- HTN a-Si

PECVD

PECVD Bianca

PECVD Bianca

, 40 PECVD Bianca

PF-300T Plus PF-300M pX Supra-D

PECVD Stack ONO ACHM LoK-

220

SiC SiO₂ SiN TEOS SiON

PECVD

NF-300H PECVD 3 6

18 TEOS

NF-300H NF-300M Supra-H

4 6 24 NF-300M Supra-H

UV Cure

UV Cure

UV Cure PECVD PECVD HTN Lok-

UV Cure HTN Lok-

30

2 ALD

ALD

ALD

ALD

ALD

ALD	PE-ALD	PF-300T Astra	SiO ₂ SiN SiCO
		NF-300H Astra	
		VS-300T Astra-s	
	Thermal-ALD	PF-300T Altair	Al ₂ O ₃ AlN
		TS-300 Altair	

① PE-ALD

PE-ALD

PE-ALD

SiCO

PE-ALD SiN

PF-300T Astra

VS-300T

(COO)

ALD

SiO₂

/

TSV

PE-ALD

SiO₂ SiN SiCO

(Gap-fill)

Spacer

Liner

Thermal-ALD

Thermal-ALD

Thermal-ALD

Thermal-ALD Al₂O₃ AlN

Thermal-ALD TS-300 Altair

Thermal-ALD AlN PECVD ADC-II

Thermal-ALD

3 SACVD

SACVD

7:1

SACVD

400 -550

30-600Torr

SACVD

SACVD	PF-300T SA	SA BPSG SA TEOS
	PF-300T SAF PF-300T Plus PESAF	SAF SAF

SACVD

SAF

SACVD

100

4 HDPCVD

HDPCVD

5:1

HDPCVD

HDPCVD

HDPCVD	TS-300S Hesper	USG FSG PSG
	PF-300T Hesper	

HDPCVD FSG STI

HDPCVD

USG

HDPCVD

HDPCVD USG FSG STI

HDPCVD

100

5 Flowable CVD

Flowable CVD

Flowable CVD

Flowable CVD

Flowable CVD	PF-300T Flora	SiO ₂

Flowable CVD

Flowable CVD

15

6

	Dione 300	
	Dione 300F	
	Propus	
	Peione	
	Crux 300	
	Ascella 300	

12

Dione 300

Dione 300F

Propus

HBM

Pleione

Crux 300

Ascella 300

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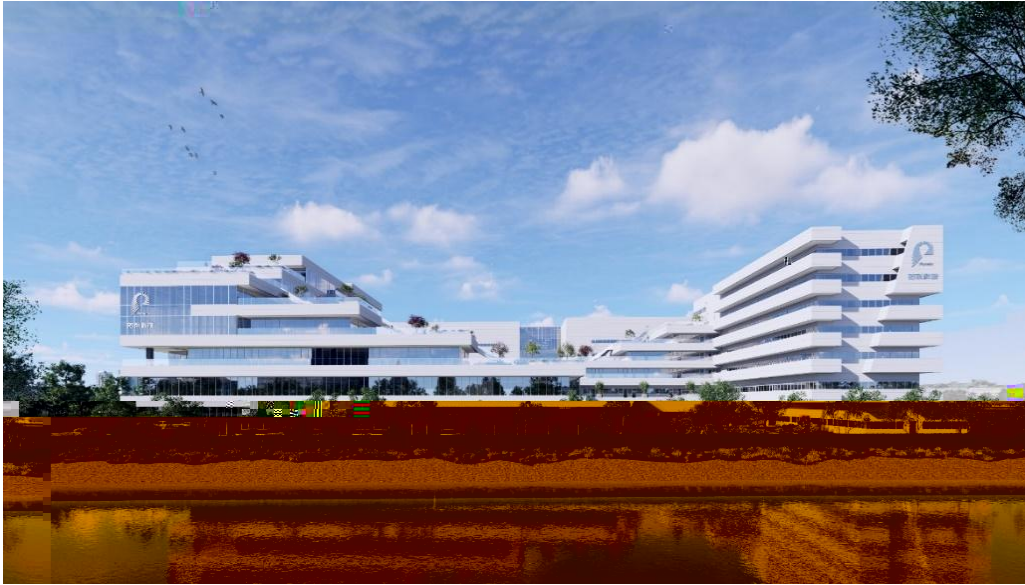
PECVD ALD SACVD HDPCVD Flowable CVD

MES

2024 12

2025 6

2025 6



○

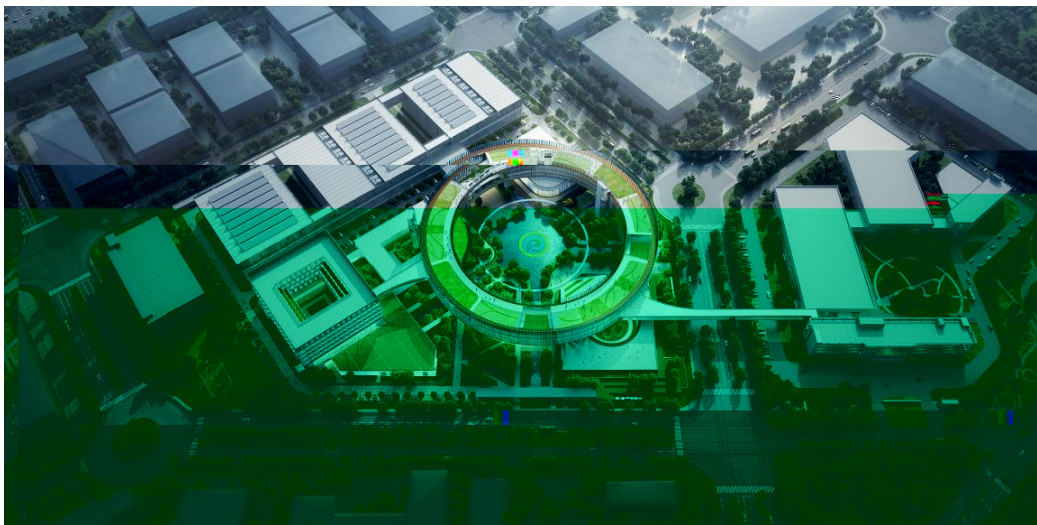
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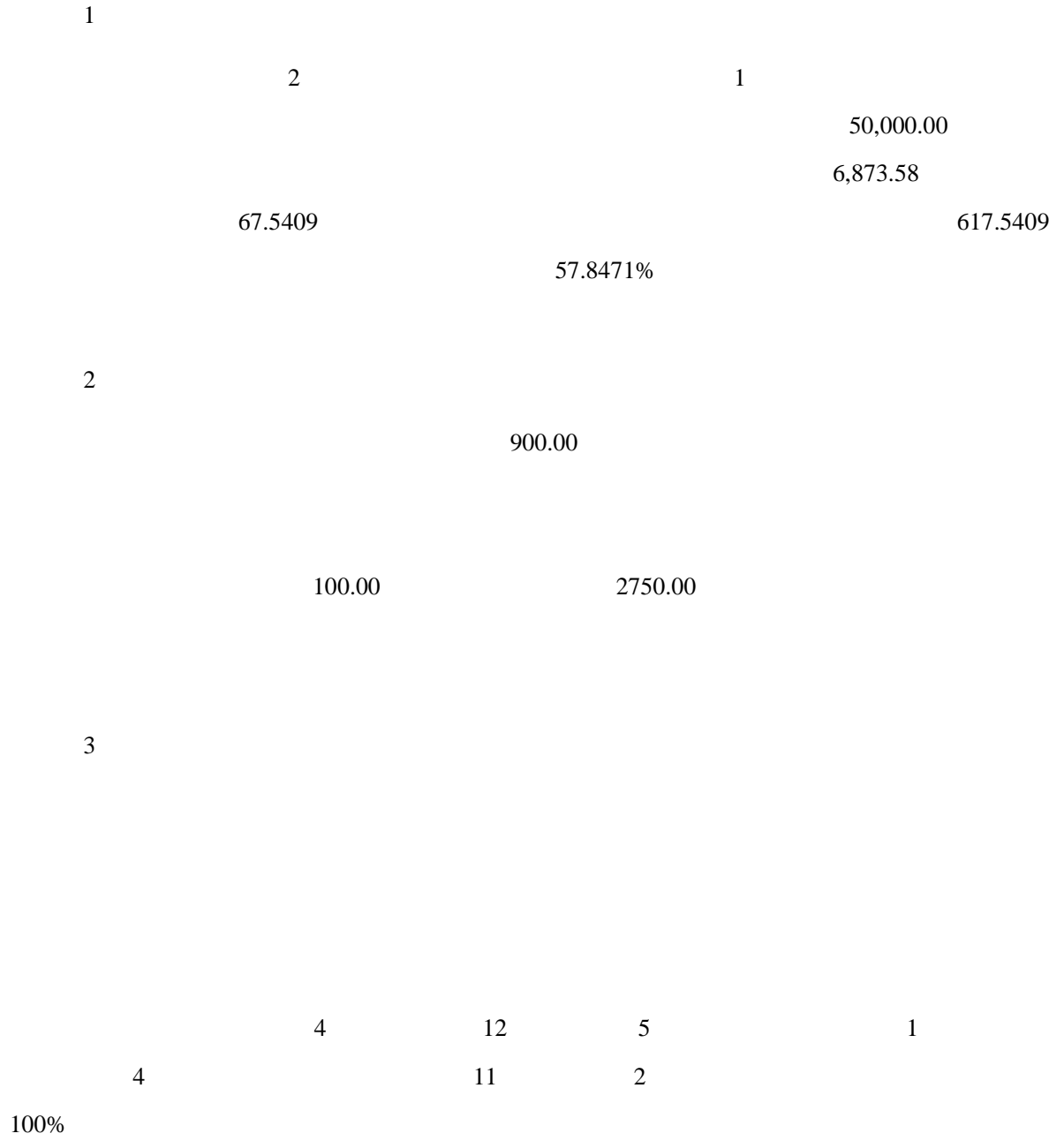
110,000.00

26,826.60

83,173.40

PECVD SACVD HDPCVD





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7 / 180

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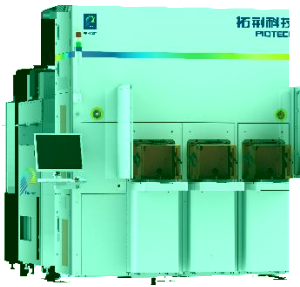
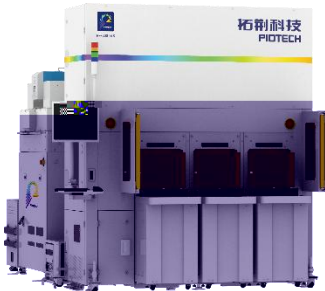


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PECVD ALD SACVD HDPCVD Flowable CVD

2

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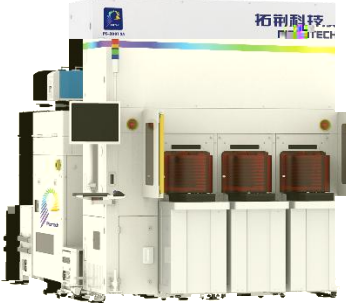
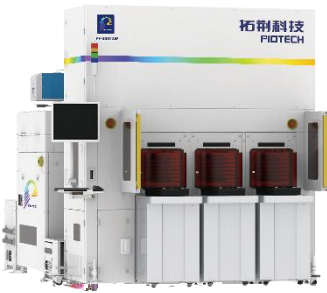
/

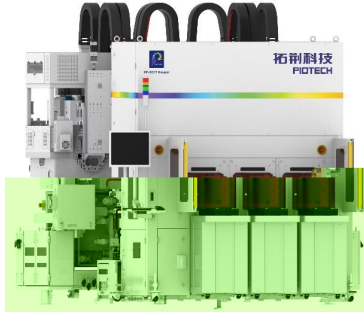
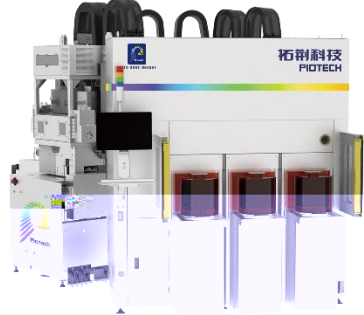
<p>PF-300T</p>		
<p>PF-300T eX PF-300T Plus eX</p>		
<p>PF-300T Plus pX</p>		<p>SiO₂ SiN TEOS SiON SiOC FSG BPSG PSG LoK- LoK- ACHM ADC- ADC- HTN a-Si 8 12 PECVD</p>
<p>PF-300T Plus Supra-D PF-300M Supra-D</p>		

<p>PF-300T Bianca</p>		<p>SiN SiO₂</p>
<p>NF-300H</p>		<p>Thick TEOS SiO₂</p>
<p>NF-300M Supra-H</p>		<p>Stack</p>
<p>PF-150T PF-200T</p>		<p>TEOS SiC SiON SiO₂ SiN</p>

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<p>PF-300T Altair</p>		
<p>TS-300 Altair</p>		<p>Al₂O₃ AIN</p>


<p>PF-300T SA</p>		<p>SA TEOS SA</p>
<p>PF-300T SAF PF-300T Plus PESAF</p>		<p>BPSG SAF SAF 8 12 SACVD</p>

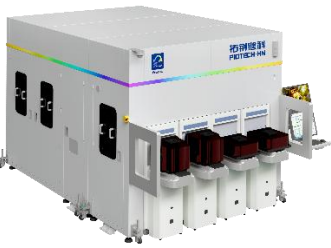
<p>PF-300T Hesper</p>		
<p>TS-300S Hesper</p>		<p>USG FSG PSG</p>

<p>PF-300T Flora</p>		<p>SiO₂</p>


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Dione 300		
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Dione 300F		
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Propus		HBM
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<p>Pleione</p>	 A large, white, rectangular medical device with a control panel on the right side. It has a green base and is mounted on wheels. The brand name 'Pleione' is visible on the top right.	<p>HBM</p>
----------------	--	------------

<p>Crux 300</p>	 A white medical device with a control panel on the right side. It has a green base and is mounted on wheels. The brand name 'Pleione' is visible on the top right.	
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<p>Ascella 300</p>	 A white, rectangular medical device with a control panel on the right side. It has a green base and is mounted on wheels. The brand name 'Pleione' is visible on the top right.	
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Demo

Demo

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Demo

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				2024		AI	
SEMI	2024			19%	6,280		6,000
2025			2030				
	1,171		2023		1,063	SEMI	2024
2025		1,215	2026		1,394	10%	
							2024
		496			35%		
			SEMI	2024			1,042
			90%				
	22%		2024				230
						42%	2024
		97					
		CVD	PVD			CVD	
PECVD	ALD	SACVD	HDPCVD	Flowable CVD			
							SEMI

PECVD

33% ALD

11% SACVD HDPCVD Flowable CVD
6%

Yole

2029 280 2.5D 3D 2023 43 37%

Chiplet

2D 3D

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NOISE

Garb
TEL
EV Group

CVD
70%
TEL

AMAT
BESI
ASMPT

Lam

PECVD ALD SACVD HDPCVD Flowable

CVD

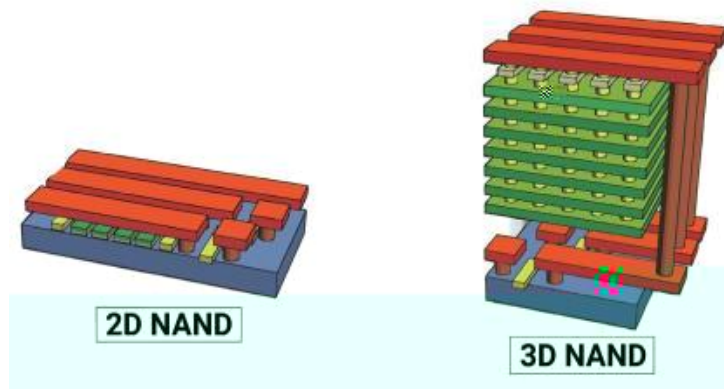
90nm CMOS 40 FinFET
100 6 20



FLASH

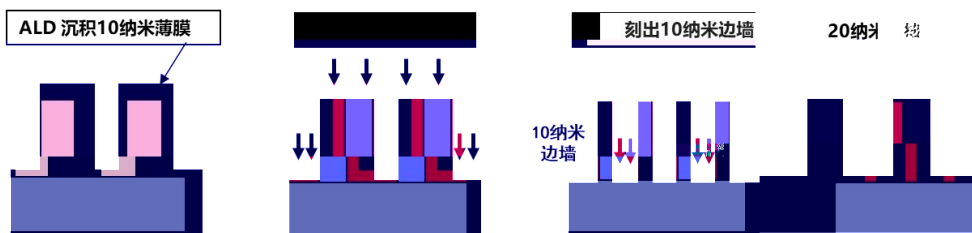
2D NAND 3D NAND
3D NAND FLASH

2D NAND 3D NAND



SEMI

ALD在金属层中的应用



Mirco Bump -

AI

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			k
			ADC-
			ACHM
		ONO	/ ONO
2			
			6
			18
			ALD PECVD
3		EFEM Transfer Module	LOADLOCK
			10

4		10	
5			
6			
7			
8			
9			
10			
11			

“ ” “ ”

“ ”	2024	

1	PECVD	191,963.02	37,649.49	123,941.16	PECVD SiON SiOC FSG BPSG PSG LoK- LoK- ACHM ADC- ADC- HTN a-Si	SiO ₂ SiN TEOS
2	ALD	98,055.08	16,246.73	51,448.53	PE-ALD Thermal-ALD SiO ₂ SiN SiCO	Al ₂ O ₃ AlN
3						

	648	484
%	42.30	45.23
	23,962.06	17,926.03
	36.98	37.04

			47
			377
			203
			20
			1
30	30		272
30-40	30	40	314
40-50	40	50	53
50-60	50	60	4
60			5

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1,640

PCT

507

246

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PECVD ALD SACVD HDPCVD Flowable CVD

2

				648
	42.30%		47	7.25%
58.18%				377

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6P p

3D DRAM

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			%
	4,103,453,853.41	2,704,974,035.48	51.70
	2,392,899,812.01	1,430,627,372.35	67.26
	289,514,274.85	176,098,943.08	64.40
	210,127,768.91	188,875,068.11	11.25
	65,239,791.49	-11,988,341.08	
	755,976,317.58	575,948,854.58	31.26
	-282,525,331.06	-1,657,342,652.77	
	-892,164,488.49	-835,714,546.92	
	1,361,215,267.66	1,339,146,677.51	1.65
	2018	2024	96.79%

410,345.39

67.26% []

64.40% []

11.25%

31.26%

-28,252.53

-165,734.27

541,581.11

263,048.18

94.44%

1.65%

2024 12 6

18

105,379,992.37

105,379,992.37

233,926.13 395,851.31 50.26%
 66.79% 40.91% 5.85

(1).

			%	%	%	%
	3,958,393,060.11	2,339,261,314.65	40.90	50.25	66.79	5.86
			%	%	%	%
	3,958,393,060.11	2,339,261,314.65	40.90	50.25	66.79	5.86
			%	%	%	%
	3,958,513,123.07	2,339,261,314.65	40.91	50.26	66.79	5.85
			%	%	%	%
	3,958,513,123.07	2,339,261,314.65	40.91	50.26	66.79	5.85

395,839.31 395,839.31 50.25%

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					%	%	%
		342	188	325	107.27	20.51	90.06

2024

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			(%)		(%)	(%)	
		2,255,549,976.21	96.42	1,347,511,891.51	96.08	67.39	
		42,977,196.30	1.84	29,985,597.88	2.14	43.33	
		40,734,142.14	1.74	25,028,319.29	1.78	62.75	
		2,339,261,314.65	100.00	1,402,525,808.68	100.00	66.79	
			(%)		(%)	(%)	
		2,255,549,976.21	96.42	1,347,511,891.51	96.08	67.39	
		42,977,196.30	1.84	29,985,597.88	2.14	43.33	
		40,734,142.14	1.74	25,028,319.29	1.78	62.75	
		2,339,261,314.65	100.00	1,402,525,808.68	100.00	66.79	

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0.00 255,788.20 0.00% 62.33%

			%	
1		107,602.63	26.22	
2		67,558.71	16.46	
3		34,073.68	8.30	
4		23,536.50	5.74	
5		23,016.68	5.61	
	/	255,788.20	62.33	/

2024

0.00 177,814.01 0.00% 33.48%

			%	
1		59,982.15	11.29	
2		36,741.28	6.92	
3		33,723.02	6.35	
4		24,203.78	4.56	
5		23,163.78	4.36	
	/	177,814.01	33.48	/

0%

0

/

289,514,274.85	176,098,943.08	64.40	%
210,12-10			

	662,055,028.04	4.32	460,042,514.35	4.61	43.91	
	249,383,743.91	1.63	228,222,284.54	2.29	9.27	
	473,660,444.00	3.09	260,586,924.00	2.61	81.77	
	893,320,978.26	5.83	612,639,503.00	6.15	45.82	
	729,327,527.40	4.76	116,544,164.40	1.17	525.79	“ ”
	15,583,971.53	0.10	6,366,358.82	0.06	144.79	
	175,704,077.72	1.15	91,681,939.78	0.92	91.65	
	28,812,225.21	0.19	6,417,447.70	0.06	348.97	
	47,618,511.57	0.31	10,794,463.30	0.11	341.14	
	13,457,500.83	0.09	179,238,551.18	1.80	-92.49	
	118,751,810.85	0.78	69,983,675.03	0.70	69.69	
	857,959,824.10	5.60	84,747,284.90	0.85	912.37	’
	1,386,646,514.19	9.05	985,629,092.80	9.89	40.69	’
	2,982,736,510.83	19.48	1,381,524,637.17	13.86	115.90	
	200,141,605.19	1.31	146,729,742.81	1.47	36.40	
	26,499,256.41	0.17	65,342,408.05	0.66	-59.45	2023
	5,263,485.15	0.03	1,271,735.53	0.01	313.88	
	735,108,951.87	4.80	67,036,619.16	0.67	996.58	
	517,418,016.10	3.38	179,473,402.85	1.80	188.30	

	2,793,967,286.82	18.24	1,870,800,000.00	18.77	49.35	
	8,493,945.13	0.06	2,412,711.80	0.02	252.05	
	-	-	115,990,057.57	1.16	-100.00	
	354,336,136.55	2.31	400,565,923.24	4.02	-11.54	
	27,772,492.12	0.18	6,195,060.74	0.06	348.30	

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	151,134,655.55	151,134,655.55		
	193,407,425.36	193,407,425.36		
	118,113,953.13	115,168,197.53		
	462,656,034.04	459,710,278.44		

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	29,483,715.00	166,214,310.25			26,991,439.12	29,282,039.01		193,407,425.36
	260,586,924.00	28,547,335.02			184,526,184.98			473,660,444.00
	260,586,924.00	28,547,335.02			184,526,184.98			473,660,444.00
	290,070,639.00	194,761,645.27			211,517,624.10	29,282,039.01		667,067,869.36

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	688409		29,850,735.00		29,483,715.00	-201,675.99			23,596,232.80	5,685,806.21		
	301611		17,142,856.00			109,199,992.72		17,142,856.00			126,342,848.72	
	688605		9,848,583.12			57,215,993.52		9,848,583.12			67,064,576.64	
	/	/	56,842,174.12	/	29,483,715.00	166,214,310.25		26,991,439.12	23,596,232.80	5,685,806.21	193,407,425.36	/

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		50,000	100%	324,942.92	104,838.71	184,987.18	19,318.10
		135,253.79	100%	920,482.00	200,436.83	270,939.68	52,120.53
		5,000	100%	38,527.98	-4,227.22	14,860.99	-2,775.99
		50,000	100%	64,889.86	62,132.11	12.01	5,672.41

		1,067.5409	57.8471%	42,797.67	5,521.98	9,729.50	-213.65
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	688,154,723.26
	435,075,440.51
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(2)	0
(3)=(1)+(2)	140,906,208.53
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2022		6,133,120	2.20	513	33.49	47.58
2022		876,160	0.31	3	0.20	47.58
2023		4,440,000	1.60	697	45.50	94.36
2023		1,110,000	0.40	214	13.97	94.36

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2022	6,133,120	0	1,408,276	0	47.58	6,133,120	1,479,460	
2022	876,160	0	219,040	0	47.58	876,160	219,040	

2023	0	4,440,000	0	0	94.36	4,440,000	0
2023	0	1,110,000	0	0	94.36	1,110,000	0

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2022	2023	2021	2023	2021	2023	86,725,797.14
2022	2023	2021	2023	2021	2023	31,089,385.68
2023	2023	2021	2023	2021	2023	113,379,479.43
2023	2023	2021	2023	2021	2023	7,918,330.04
						239,112,992.29

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		240,944	103,600	94.36	60,236	0	344,544	153.67
		87,616	62,700	94.36	21,904	0	150,316	153.67
		87,616	62,700	94.36	21,904	0	150,316	153.67
		65,712	62,700	94.36	16,428	0	128,412	153.67
		78,854	47,900	94.36	19,714	0	126,754	153.67
		142,376	59,200	94.36	35,594	0	201,576	153.67
		26,285	29,600	94.36	6,571	0	55,885	153.67
		-	40,500	94.36	-	0	40,500	153.67
		-	95,260	94.36	-	0	95,260	153.67
		21,904	35,520	94.36	5,476	0	57,424	153.67
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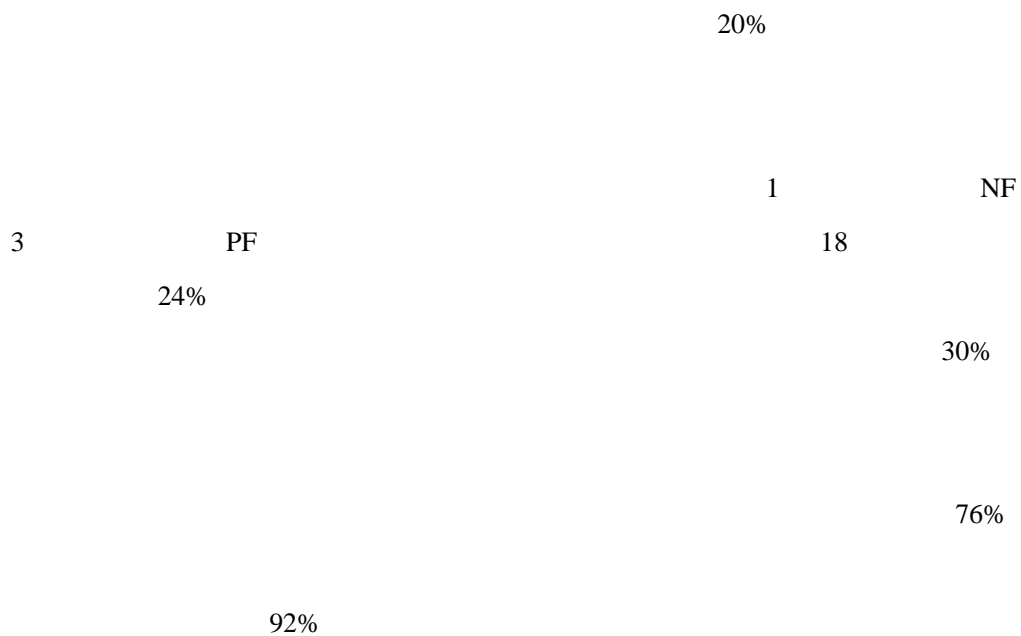
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/		2,272,831,224.00	2,127,597,264.93	1,000,296,500.00	1,127,300,764.93	1,598,230,492.90	867,853,955.70	/	/	674,542,979.34	/	250,000,000.00

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					199,483,400.00	35,108,247.90	183,018,103.97	91.75	2024 5				1			
													2	2		2
	ALD				270,948,500.00	14,221,015.40	249,499,406.90	92.08	2024 4				3	3		3
					250,000,000.00		250,000,000.00	100.00								/
					880,000,000.00	357,726,711.67	602,315,063.81	68.44	2025 6				4	4		4
					268,266,026.06	70,214,138.53	70,214,138.53	26.17	2028 4				5	5		/
	/	/	/	/	1,948,562,526.06	477,270,113.51	1,400,957,627.07	/	/	/	/	/		/	/	/

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		(%)							(%)
	85,863,517	45.63			40,372,062	-1,755,054	38,617,008	124,480,525	44.73
1									
2	37,935,617	20.16			17,846,495	-755,419	17,091,076	55,026,693	19.77
3	44,228,951	23.50			20,643,512	-1,221,635	19,421,877	63,650,828	22.87
	42,592,916	22.63			20,444,600		20,444,600	63,037,516	22.65
	1,636,035	0.87			198,912	-1,221,635	-1,022,723	613,312	0.22
4	3,698,949	1.97			1,882,055	222,000	2,104,055	5,803,004	2.09
	3,698,949	1.97			1,882,055	222,000	2,104,055	5,803,004	2.09
	102,324,738	54.37			49,760,525	1,755,054	51,515,579	153,840,317	55.27
1	102,324,738	54.37			49,760,525	1,755,054	51,515,579	153,840,317	55.27
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	188,188,255	100.00			90,132,587	0	90,132,587	278,320,842	100.00

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	37,180,198	0	17,846,495	55,026,693		2025 4 21
	25,600,000	0	12,288,000	37,888,000		2025 4 21
	2,043,874	0	981,060	3,024,934		2025 4 21
	2,043,208	0	980,740	3,023,948		2025 4 21
	2,043,016	0	980,648	3,023,664		2025 4 21
	2,042,703	0	980,497	3,023,200		2025 4 21
	2,042,675	0	980,484	3,023,159		2025 4 21
	2,041,993	0	980,157	3,022,150		2025 4 21
	2,039,331	0	978,879	3,018,210		2025 4 21
	1,165,500	0	559,440	1,724,940		2025 4 21
	929,292	0	446,060	1,375,352		2025 4 21
	351,426	0	168,684	520,110		2025 4 21
	249,898	0	119,951	369,849		2025 4 21
CHIANG CHIEN	1,826,749	0	876,839	2,703,588		2025 4 21
	740,000	0	355,200	1,095,200		2025 4 21
	1,403,919	1,403,919	0	0		2024 4 22
LIU YIJUN	414,400	0	198,912	613,312		2025 4 21
LING FUHUA	377,400	0	181,152	558,552		2025 4 21
CHANG	262,700	40,700	106,560	328,560		2025 4

HSIAO-YUNG						21
WU BIAO	259,000	0	124,320	383,320		2025 4 21
ZHOU REN	259,000	0	124,320	383,320		2025 4 21
SIAN CHE CYNTHIA CHANG	236,800	0	113,664	350,464		2025 4 21
	85,553,082	1,444,619	40,372,062	124,480,525	/	/

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	9,969,345,254.15	5,377,702,351.65
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50	5,823,874		5,823,874
	5,409,942		5,409,942
	4,733,552		4,733,552
	4,285,398		4,285,398
	2,998,904		2,998,904
	2,731,707		2,731,707
	2,502,065		2,502,065
	2,478,357		2,478,357

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		%		%		%		%
50	7,375,479	3.92	634,104	0.34	9,203,599	3.31	0	0
	2,303,775	1.22	2,100	0.001	2,502,065	0.90	0	0
50	2,259,517	1.20	400,080	0.21	5,823,874	2.09	0	0
	1,650,259	0.88	1,245,280	0.66	4,285,398	1.54	0	0
	823,413	0.44	111,100	0.06	2,998,904	1.08	0	0

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	1	3,002,799,350.80	2,675,647,284.83
	2	193,407,425.36	29,483,715.00
	4	12,294,157.50	
	5	1,473,185,667.99	529,709,337.36
	8	107,968,056.80	191,986,214.99
	9	12,026,228.74	7,923,684.07
	10	7,215,724,005.26	4,556,138,102.99
	6	7,837,185.96	5,922,763.84
	13	662,055,028.04	460,042,514.35
		12,687,297,106.45	8,456,853,617.43
	17	249,383,743.91	228,222,284.54
	19	473,660,444.00	260,586,924.00
	21	893,320,978.26	612,639,503.00
	22	729,327,527.40	116,544,164.40
	25	15,583,971.53	6,366,358.82
	26	175,704,077.72	91,681,939.78

	28	28,812,225.21	6,417,447.70
	29	47,618,511.57	10,794,463.30
	30	13,457,500.83	179,238,551.18
		2,626,868,980.43	1,512,491,636.72
		15,314,166,086.88	9,969,345,254.15
	32	118,751,810.85	69,983,675.03
	35	857,959,824.10	84,747,284.90
	36	1,386,646,514.19	985,629,092.80
	38	2,982,736,510.83	1,381,524,637.17
	39	200,141,605.19	146,729,742.81
	40	26,499,256.41	65,342,408.05
	41	5,263,485.15	1,271,735.53
	43	735,108,951.87	67,036,619.16
	44	517,418,016.10	179,473,402.85
		6,830,525,974.69	2,981,738,598.30
	45	2,793,967,286.82	1,870,800,000.00
	47	8,493,945.13	2,412,711.80
	50		115,990,057.57
	51	354,336,136.55	400,565,923.24
	29	27,772,492.12	6,195,060.74
		3,184,569,860.62	2,395,963,753.35
		10,015,095,835.31	5,377,702,351.65

53	279,729,118.00	188,188,255.00
55	3,482,411,820.29	3,312,517,978.63
56	197,258,123.46	
57	-322,138.37	-6,463.83
59	78,885,451.86	78,885,451.86
60	1,636,708,231.07	1,014,275,185.86
	5,280,154,359.39	4,593,860,407.52
	18,915,892.18	-2,217,505.02
	5,299,070,251.57	4,591,642,902.50

	3	2,649,812,601.51	1,764,255,846.85
		151,577,952.00	151,577,952.00
		130,774,141.70	136,275,567.55
		379,386,644.77	200,300,880.17
		152,525,785.65	6,099,068.99
			1,031,515.56
		46,856,577.90	13,221,792.94
		2,841,578.63	309,175.37
		3,091,670.27	49,475,218.61
		3,516,866,952.43	2,322,547,018.04
		7,316,812,543.17	7,592,438,694.73
			50,031,944.44
			33,398,956.77
		277,158,378.42	616,689,090.96
		178,735,048.98	215,685,806.42
		51,199,579.01	54,606,649.62
		4,894,525.46	47,834,382.26
		1,622,020.65	1,261,250.00
		584,626,583.33	63,990,302.84
		23,235,556.36	28,039,154.84
		1,121,471,692.21	1,111,537,538.15
		1,825,000,000.00	1,808,000,000.00
			27,557,709.96
		282,090,444.68	393,625,295.60
			86,622.62

		2,107,090,444.68	2,229,269,628.18
		3,228,562,136.89	3,340,807,166.33
		279,729,118.00	188,188,255.00
		3,491,818,519.37	3,307,473,242.07
		197,258,123.46	
		78,885,451.86	78,885,451.86
		435,075,440.51	677,084,579.47
		4,088,250,406.28	4,251,631,528.40
		7,316,812,543.17	7,592,438,694.73

2024 1—12

		4,103,453,853.41	2,704,974,035.48
	61	4,103,453,853.41	2,704,974,035.48
		3,724,536,360.55	2,377,251,195.86
	61	2,392,899,812.01	1,430,627,372.35
	62	10,778,395.71	17,689,298.82
	63	289,514,274.85	176,098,943.08
	64	210,127,768.91	188,875,068.11
	65	755,976,317.58	575,948,854.58
	66	65,239,791.49	-11,988,341.08
		75,321,248.76	31,047,095.80
		31,890,321.12	62,021,488.85
	67	143,523,759.93	329,305,432.50
“ ”	68	1,472,437.07	2,889,846.77
		-7,338,540.63	-1,577,715.46

“ ”			
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“ ”	70	204,487,672.47	94,035,724.00
“_”	71	-34,303,253.47	-8,056,975.21
“_”	72	-15,359,439.25	-16,860,466.79
“ ”	73	22,187.99	26,416.90
“ ”		678,760,857.60	729,062,817.79
	74	318,991.05	72,189.78
	75	480,644.83	222,446.59
“ ”		678,599,203.82	728,912,560.98
	76	-8,822,648.96	65,038,045.19
“ ”		687,421,852.78	663,874,515.79
1. “ ”		687,421,852.78	663,874,515.79
2. “ ”			
1. “_”		688,154,723.26	662,583,836.09
2. “_”		-732,870.48	1,290,679.70
		-315,674.54	-6,463.83
		-315,674.54	-6,463.83
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2		-315,674.54	-6,463.83
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6		-315,674.54	-6,463.83
7			
		687,106,178.24	663,868,051.96
		687,839,048.72	662,577,372.26
		-732,870.48	1,290,679.70
	(/)	2.48	2.39
	(/)	2.46	2.38

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	4	936,975,543.48	1,526,159,855.09
	4	706,012,834.15	1,083,053,119.55
		3,689,417.40	4,172,037.92
		32,797,172.77	89,370,843.20
		95,423,459.78	113,844,770.50
		377,685,769.33	316,350,242.32
		41,160,720.23	-10,897,201.08
		52,636,753.37	30,474,806.26
		14,731,760.76	49,193,130.22
		119,316,775.65	318,264,739.16
“ ”	5	40,056,027.10	13,543,351.85
“ ”			
“ ”		118,724,343.93	69,423,302.04
“ ”		-134,639,393.14	-64,131,284.06
“ ”		143,510.11	-4,722,691.90

		61,236.47	17,496.56
“ ”		-176,131,330.06	262,660,956.33
		10,000.03	13,160.00
		252,753.50	220,000.00
“ ”		-176,374,083.53	262,454,116.33
		-86,622.62	64,673,191.62
“ ”		-176,287,460.91	197,780,924.71
“ ”		-176,287,460.91	197,780,924.71
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		-176,287,460.91	197,780,924.71
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		5,415,811,133.07	2,785,329,354.50

		9,039,799.81	28,735.76
	78 1	134,704,653.13	505,043,005.73
		5,559,555,586.01	3,290,401,095.99
		4,973,893,763.68	4,296,477,031.33
		532,929,147.70	359,973,592.26
		55,405,359.13	139,557,240.58
	78 1	279,852,646.56	151,735,884.59
		5,842,080,917.07	4,947,743,748.76
	79 1	-282,525,331.06	-1,657,342,652.77
		1,425,484,841.84	554,435,413.10
		3,139,883.81	4,045,125.34
		83,445.29	118,981.18
	78 2		9,962,400.00
		1,428,708,170.94	568,561,919.62
		686,227,996.73	480,826,066.54

		1,630,017,624.10	914,396,400.00
	78 2	4,627,038.60	9,054,000.00
		2,320,872,659.43	1,404,276,466.54
		-892,164,488.49	-835,714,546.92
		68,005,772.08	70,871,214.95
		1,000,000.00	
		1,968,373,316.74	1,732,745,968.42
		2,036,379,088.82	1,803,617,183.37
		331,439,100.04	400,000,000.00
		137,972,973.62	62,552,182.38
	78 3	205,751,747.50	1,918,323.48
		675,163,821.16	464,470,505.86
		1,361,215,267.66	1,339,146,677.51
		-2,755,443.51	-2,743,470.55
		183,770,004.60	-1,156,653,992.73
		2,667,894,690.65	3,824,548,683.38
	79 4	2,851,664,695.25	2,667,894,690.65

2024 1—12

		741,664,071.16	1,232,879,925.94
		42,706.51	23,876.10
		24,361,467.48	488,185,368.42
		766,068,245.15	1,721,089,170.46

		107,332,948.01	2,006,190,548.48
		57,170,447.31	106,051,623.49
		47,651,846.89	56,193,133.12
		161,457,799.08	44,020,374.23
		373,613,041.29	2,212,455,679.32
		392,455,203.86	-491,366,508.86
		735,484,841.84	554,435,413.10
		1,861,911.21	4,045,125.34
		65,554.21	75,983.98
		572,000,000.00	163,201,045.66
		1,309,412,307.26	721,757,568.08
		218,057,118.15	151,950,040.52
		1,508,745,840.98	1,445,360,520.00
		1,375,000,000.00	1,435,000,000.00
		3,101,802,959.13	3,032,310,560.52
		-1,792,390,651.87	-2,310,552,992.44
		67,005,772.08	70,744,168.95
		735,593,131.62	1,650,000,000.00
		802,598,903.70	1,720,744,168.95
		247,593,131.62	400,000,000.00
		118,069,070.29	62,552,182.38
		197,222,865.83	736,000.00
		562,885,067.74	463,288,182.38
		239,713,835.96	1,257,455,986.57
		-1,877,537.06	-950,878.23
		-1,162,099,149.11	-1,545,414,392.96
		1,984,204,745.28	3,529,619,138.24

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		822,105,596.17	1,984,204,745.28
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	188,188,255.00			3,312,517,978.63		-6,463.83		78,885,451.86		1,014,275,185.86		4,593,860,407.52	-2,217,505.02	4,591,642,902.50
	188,188,255.00			3,312,517,978.63		-6,463.83		78,885,451.86		1,014,275,185.86		4,593,860,407.52	-2,217,505.02	4,591,642,902.50
“ ”	91,540,863.00			169,893,841.66	197,258,123.46	-315,674.54				622,433,045.21		686,293,951.87	21,133,397.20	707,427,349.07
						-315,674.54				688,154,723.26		687,839,048.72	-732,870.48	687,106,178.24
	1,408,276.00			260,040,336.55	197,258,123.46							64,190,489.09	21,866,267.68	86,056,756.77
1	1,408,276.00			65,597,496.08								67,005,772.08	1,000,000.00	68,005,772.08
2														
3				215,309,108.15								215,309,108.15		215,309,108.15
4				-20,866,267.68	197,258,123.46							-218,124,391.14	20,866,267.68	-197,258,123.46
										-65,721,678.05		-65,721,678.05		-65,721,678.05
1														
2														
3										-65,721,678.05		-65,721,678.05		-65,721,678.05
4														
	90,132,587.00			-90,132,587.00										

1	90,132,587.00				-90,132,587.00									
2														
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5														
6														
1														
2														
						-13,907.89						-13,907.89		-13,907.89
	279,729,118.00				3,482,411,820.29	197,258,123.46	-322,138.37		78,885,451.86		1,636,708,231.07	5,280,154,359.39	18,915,892.18	5,299,070,251.57

	2023													
	()													
	126,478,797.00				3,121,545,406.66				59,107,359.39		404,353,929.46	3,711,485,492.51	-3,635,230.72	3,707,850,261.79
	126,478,797.00				3,121,545,406.66				59,107,359.39		404,353,929.46	3,711,485,492.51	-3,635,230.72	3,707,850,261.79
“ ”	61,709,458.00				190,972,571.97		-6,463.83		19,778,092.47		609,921,256.40	882,374,915.01	1,417,725.70	883,792,640.71
							-6,463.83				662,583,836.09	662,577,372.26	1,290,679.70	663,868,051.96
	999,635.00				251,682,394.97							252,682,029.97	127,046.00	252,809,075.97
1	999,635.00				69,744,533.95							70,744,168.95	127,046.00	70,871,214.95

2														
3					181,937,861.02							181,937,861.02		181,937,861.02
4														
								19,778,092.47		-52,662,579.69		-32,884,487.22		-32,884,487.22
1								19,778,092.47		-19,778,092.47				
2														
3										-32,884,487.22		-32,884,487.22		-32,884,487.22
4														
	60,709,823.00				-60,709,823.00									
1	60,709,823.00				-60,709,823.00									
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	188,188,255.00				3,312,517,978.63		-6,463.83	78,885,451.86		1,014,275,185.86		4,593,860,407.52	-2,217,505.02	4,591,642,902.50

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	188,188,255.00				3,307,473,242.07				78,885,451.86	677,084,579.47	4,251,631,528.40
	188,188,255.00				3,307,473,242.07				78,885,451.86	677,084,579.47	4,251,631,528.40
“ ”	91,540,863.00				184,345,277.30	197,258,123.46				-242,009,138.96	-163,381,122.12
										-176,287,460.91	-176,287,460.91
	1,408,276.00				274,491,772.19	197,258,123.46					78,641,924.73
1	1,408,276.00				65,597,496.08						67,005,772.08
2											
3					208,894,276.11						208,894,276.11
4						197,258,123.46					-197,258,123.46
										-65,721,678.05	-65,721,678.05
1											
2										-65,721,678.05	-65,721,678.05

	126,478,797.00				3,121,545,406.66				59,107,359.39	531,966,234.45	3,839,097,797.50
“ ”	61,709,458.00				185,927,835.41				19,778,092.47	145,118,345.02	412,533,730.90
										197,780,924.71	197,780,924.71
	999,635.00				246,637,658.41						247,637,293.41
1	999,635.00				69,744,533.95						70,744,168.95
2											
3					176,893,124.46						176,893,124.46
4											
									19,778,092.47	-52,662,579.69	-32,884,487.22
1									19,778,092.47	-19,778,092.47	
2										-32,884,487.22	-32,884,487.22
3											
	60,709,823.00				-60,709,823.00						
1	60,709,823.00				-60,709,823.00						
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	188,188,255.00				3,307,473,242.07				78,885,451.86	677,084,579.47	4,251,631,528.40

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1-2	15.00	15.00
2-3	20.00	20.00
3-4	30.00	30.00
4-5	50.00	50.00
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	1,757.70	1,844.10
	2,851,444,192.54	2,667,892,846.55
	151,353,400.56	7,752,594.18
	3,002,799,350.80	2,675,647,284.83
	4,575,086.18	336,394.96

1,583,955.15 136,026,018.01 13,519,200.00
 216,227.40 ETC 8,000.00

	193,407,425.36	29,483,715.00	/
	193,407,425.36	29,483,715.00	/
	193,407,425.36	29,483,715.00	/

	12,294,157.50	

	12,294,157.50	

		(%)		(%)		(%)		(%)	
	12,294,157.50	100.00			12,294,157.50				
	12,294,157.50	100.00			12,294,157.50				
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			%
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6	1,150,359,189.81	463,678,005.65
7-12	220,990,970.02	51,295,282.23
1	1,371,350,159.83	514,973,287.88
1 2	137,255,298.27	23,769,084.69
2 3	8,761,051.33	1,880,404.34
3 4	826,595.00	327,926.00
4 5	268,375.00	
	1,518,461,479.43	540,950,702.91

		(%)				(%)		

				(%)					(%)	
	1,518,461,479.43	100.00	45,275,811.44	2.98	1,473,185,667.99	540,950,702.91	100.00	11,241,365.55	2.08	529,709,337.36
	1,518,461,479.43	100.00	45,275,811.44	2.98	1,473,185,667.99	540,950,702.91	100.00	11,241,365.55	2.08	529,709,337.36
	1,518,461,479.43	100.00	45,275,811.44	2.98	1,473,185,667.99	540,950,702.91	100.00	11,241,365.55	2.08	529,709,337.36

			%
6	1,150,359,189.81	11,503,591.92	1.00
7-12	220,990,970.02	11,049,548.50	5.00
1-2	137,255,298.27	20,588,294.75	15.00
2-3	8,761,051.33	1,752,210.27	20.00
3-4	826,595.00	247,978.50	30.00
4-5	268,375.00	134,187.50	50.00
	1,518,461,479.43	45,275,811.44	2.98

	11,241,365.55	34,034,445.89			45,275,811.44
	11,241,365.55	34,034,445.89			45,275,811.44

				%	
	1,115,334,848.60		1,115,334,848.60	73.07	23,485,231.99
	1,115,334,848.60		1,115,334,848.60	73.07	23,485,231.99

	7,916,349.46	79,163.50	7,837,185.96	5,982,589.74	59,825.90	5,922,763.84
	7,916,349.46	79,163.50	7,837,185.96	5,982,589.74	59,825.90	5,922,763.84

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		(%)		(%)			(%)		(%)	
	7,916,349.46	100.00	79,163.50	1.00	7,837,185.96	5,982,589.74	100.00	59,825.90	1.00	5,922,763.84
	7,916,349.46	100.00	79,163.50	1.00	7,837,185.96	5,982,589.74	100.00	59,825.90	1.00	5,922,763.84
	7,916,349.46	/	79,163.50	/	7,837,185.96	5,982,589.74	/	59,825.90	/	5,922,763.84

		%	
	7,916,349.46	79,163.50	1.00
	7,916,349.46	79,163.50	1.00

			/			
	59,825.90	19,337.60			79,163.50	
	59,825.90	19,337.60			79,163.50	/

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		(%)		(%)
1	105,224,380.03	97.46	178,714,901.90	93.09
1 2	1,041,378.40	0.96	13,271,313.09	6.91
2 3	1,702,298.37	1.58		
3				
	107,968,056.80	100.00	191,986,214.99	100.00

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		(%)
	97,531,192.87	90.33

	97,531,192.87	90.33
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	12,026,228.74	7,923,684.07
	12,026,228.74	7,923,684.07

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6	6,515,449.81	2,510,163.06
7-12	1,709,206.42	3,719,916.08
1	8,224,656.23	6,230,079.14
1 2	4,474,158.54	1,949,654.52
2 3	27,746.99	265,620.00
3 4	145,650.00	50,000.00
4 5	50,000.00	0.00
5		56,500.00
	12,922,211.76	8,551,853.66

		(%)			
1	4,609,975.52	35.67		6	46,099.76
2	3,621,600.00	28.03		1-2	543,240.00
3	1,042,000.00	9.17		7-12	95,000.00
	143,000.00			3-4	
4	800,000.00	6.19		6	8,000.00
5	700,000.00	5.42		6	7,000.00
	10,916,575.52	84.48	/	/	699,339.76

		/			/	
	2,255,480,880.08	20,786,161.95	2,234,694,718.13	2,174,598,803.87	17,922,194.10	2,156,676,609.77
	605,984,845.21	4,815,635.86	601,169,209.35	444,087,690.09		444,087,690.09
	244,581,263.84	3,080,978.75	241,500,285.09	53,217,801.29	3,080,978.75	50,136,822.54
	4,164,058,607.50	29,569,787.76	4,134,488,819.74	1,933,873,209.09	32,100,463.23	1,901,772,745.86
	2,182,965.76		2,182,965.76	2,656,767.35		2,656,767.35

	1,695,952.44	7,945.25	1,688,007.19	815,412.63	7,945.25	807,467.38
	7,273,984,514.83	58,260,509.57	7,215,724,005.26	4,609,249,684.32	53,111,581.33	4,556,138,102.99

	17,922,194.10	4,064,737.85		1,200,770.00	20,786,161.95
		4,815,635.86			4,815,635.86
	3,080,978.75				3,080,978.75
	32,100,463.23	6,920,774.29		9,451,449.76	29,569,787.76
	7,945.25				7,945.25
	53,111,581.33	15,801,148.00		10,652,219.76	58,260,509.57

	662,055,028.04	460,042,514.35
	662,055,028.04	460,042,514.35

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		28,500,000.00		400,952.04						28,900,952.04
		28,500,000.00		400,952.04						28,900,952.04
	228,222,284.54			-7,739,492.67						220,482,791.87
	228,222,284.54			-7,739,492.67						220,482,791.87
	228,222,284.54	28,500,000.00		-7,338,540.63						249,383,743.91

	473,660,444.00	260,586,924.00
	473,660,444.00	260,586,924.00
	473,660,444.00	260,586,924.00

	893,320,978.26	612,639,503.00
	893,320,978.26	612,639,503.00

1.	266,615,063.75	26,335,882.75	453,972,320.13	2,294,164.50	749,217,431.13
2.	122,007,548.37	10,343,149.66	219,132,038.11	412,550.44	351,895,286.58
1	120,965,106.51	9,561,257.71	16,700,882.30	412,550.44	147,639,796.96
2	1,042,441.86	781,891.95	202,431,155.81		204,255,489.62
3.		1,236,536.53	38,500.00	321,980.67	1,597,017.20
1		1,236,536.53	38,500.00	321,980.67	1,597,017.20
4.	388,622,612.12	35,442,495.88	673,065,858.24	2,384,734.27	1,099,515,700.51
1.	54,806,164.50	11,460,250.06	68,930,130.38	1,381,383.19	136,577,928.13
2.	15,785,541.91	6,513,067.18	48,408,718.76	379,462.07	71,086,789.92
1	15,785,541.91	6,513,067.18	48,408,718.76	379,462.07	71,086,789.92
3.		1,150,398.55	13,715.62	305,881.63	1,469,995.80
1		1,150,398.55	13,715.62	305,881.63	1,469,995.80
4.	70,591,706.41	16,822,918.69	117,325,133.52	1,454,963.63	206,194,722.25
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1.	318,030,905.71	18,619,577.19	555,740,724.72	929,770.64	893,320,978.26
2.	211,808,899.25	14,875,632.69	385,042,189.75	912,781.31	612,639,503.00

	115,168,197.53	

	729,327,527.40	116,544,164.40
	729,327,527.40	116,544,164.40

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	530,855,888.48		530,855,888.48	85,048,620.87	85,048,620.87
	193,206,152.16		193,206,152.16	23,490,449.89	23,490,449.89
	5,265,486.76		5,265,486.76	7,889,055.91	7,889,055.91
ALD				116,037.73	116,037.73
	729,327,527.40		729,327,527.40	116,544,164.40	116,544,164.40

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						(%)					(%)	
	740,972,400.00	85,048,620.87	445,807,267.61			530,855,888.48	78.29	78.29				/
		23,490,449.89	370,505,720.70	200,790,018.43		193,206,152.16						
	740,972,400.00	108,539,070.76	816,312,988.31	200,790,018.43		724,062,040.64	/	/			/	/

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1.	9,405,229.79	9,405,229.79
2.	15,634,645.20	15,634,645.20
	15,634,645.20	15,634,645.20
3.	3,919,525.61	3,919,525.61
	3,919,525.61	3,919,525.61
4.	21,120,349.38	21,120,349.38
1.	3,038,870.97	3,038,870.97
2.	5,475,885.87	5,475,885.87

(1)	5,475,885.87	5,475,885.87
3.	2,978,378.99	2,978,378.99
(1)	2,978,378.99	2,978,378.99
4.	5,536,377.85	5,536,377.85
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1.	15,583,971.53	15,583,971.53
2.	6,366,358.82	6,366,358.82

1.	80,681,589.90	15,489,413.11	23,005,081.17	119,176,084.18
2.	67,684,275.33		24,468,394.81	92,152,670.14
(1)	67,684,275.33		24,468,394.81	92,152,670.14
3.				
(1)				
4.	148,365,865.23	15,489,413.11	47,473,475.98	211,328,754.32
1.	6,921,429.58	13,979,314.35	6,593,400.47	27,494,144.40
2.	2,405,600.04	896,441.31	4,828,490.85	8,130,532.20
(1)	2,405,600.04	896,441.31	4,828,490.85	8,130,532.20
3.				
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4.	9,327,029.62	14,875,755.66	11,421,891.32	35,624,676.60
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1.	139,038,835.61	613,657.45	36,051,584.66	175,704,077.72
2.	73,760,160.32	1,510,098.76	16,411,680.70	91,681,939.78

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	6,108,272.33	18,776,253.74	2,813,491.25		22,071,034.82
	309,175.37	5,858,567.35	472,421.67		5,695,321.05
		1,045,869.34			1,045,869.34
	6,417,447.70	25,680,690.43	3,285,912.92		28,812,225.21

	90,245,654.07	22,561,413.52		
	401,338,818.43	63,731,342.03	153,042,309.98	27,496,960.53
	45,161,089.36	5,645,136.17	18,287,607.80	4,571,901.95
	42,960,102.64	5,370,012.83		
	14,157,818.19	2,934,093.38	6,122,073.20	1,530,518.30
	593,863,482.69	100,241,997.93	177,451,990.98	33,599,380.78

	15,583,971.56	3,162,610.37	6,366,358.82	1,591,589.71
	308,933,472.46	77,233,368.11	109,633,554.04	27,408,388.51
	324,517,444.02	80,395,978.48	115,999,912.86	28,999,978.22

	52,623,486.36	47,618,511.57	22,804,917.48	10,794,463.30
	52,623,486.36	27,772,492.12	22,804,917.48	6,195,060.74

	216,589,572.30	138,380,646.83
	92,479,738.94	97,702,449.77
	61,551,364.90	65,055,541.97
	73,959,958.31	133,071,136.64
	1,470,110.80	
	413,191.64	3,283,107.12
	446,463,936.89	437,492,882.33

2027	18,000,190.32	86,672,163.71	
2028	18,489,012.40	18,489,012.40	
2029	87,579,684.18		
2030			
2031	4,185,652.00	4,185,652.00	
2032	29,033,818.72	29,033,818.72	
2033			
2034	59,301,214.68		
	216,589,572.30	138,380,646.83	/

	13,457,500.83		13,457,500.83	177,793,190.78		177,793,190.78
				1,459,960.00	14,599.60	1,445,360.40
	13,457,500.83		13,457,500.83	179,253,150.78	14,599.60	179,238,551.18

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	118,751,810.85	69,983,675.03

	118,751,810.85	69,983,675.03
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	857,959,824.10	84,747,284.90
	857,959,824.10	84,747,284.90

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	1,152,244,868.33	979,606,767.73
	234,401,645.86	6,022,325.07
	1,386,646,514.19	985,629,092.80

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	2,982,736,510.83	1,381,524,637.17
	2,982,736,510.83	1,381,524,637.17

	156,350,400.00	
	86,704,941.88	
	243,055,341.88	/

	93,069,366.80	532,174,874.44	478,668,980.71	146,575,260.53

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-	682,239.91	37,850,463.75	37,295,813.58	1,236,890.08
		471,799.52	471,799.52	
	52,978,136.10	21,363,358.48	22,012,040.00	52,329,454.58
	146,729,742.81	591,860,496.19	538,448,633.81	200,141,605.19

	90,314,292.22	456,737,993.75	404,718,775.82	142,333,510.15
		12,870,682.09	12,870,682.09	
	421,680.39	21,001,585.40	20,711,644.36	711,621.43
	407,166.88	19,553,083.45	19,270,681.24	689,569.09
	14,513.51	1,448,501.95	1,440,963.12	22,052.34
	188,215.00	33,895,126.77	33,407,792.77	675,549.00
	2,145,179.19	7,669,486.43	6,960,085.67	2,854,579.95
	93,069,366.80	532,174,874.44	478,668,980.71	146,575,260.53

1	661,665.60	36,622,448.55	36,084,706.15	1,199,408.00
2	20,574.31	1,228,015.20	1,211,107.43	37,482.08
	682,239.91	37,850,463.75	37,295,813.58	1,236,890.08

	23,713,521.64	19,131,656.18
	1,801,170.44	1,882,409.72
	546,800.91	384,493.06
	168,351.73	68,985.05
	144,744.36	26,207.72
	62,033.30	11,231.88
	41,355.53	7,487.92
	8,930.46	43,829,936.52
	12,348.04	
	26,499,256.41	65,342,408.05

	5,263,485.15	1,271,735.53
	5,263,485.15	1,271,735.53

	5,263,485.15	1,011,485.53
		260,250.00
	5,263,485.15	1,271,735.53

1	729,445,078.81	63,327,257.76
1	5,663,873.06	3,709,361.40
	735,108,951.87	67,036,619.16

	379,777,187.80	179,473,402.85
	137,640,828.30	
	517,418,016.10	179,473,402.85

	58,800,000.00	62,800,000.00
	2,735,167,286.82	1,808,000,000.00
	2,793,967,286.82	1,870,800,000.00

	8,903,894.18	2,545,905.46
	409,949.05	133,193.66
	8,493,945.13	2,412,711.80

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		115,990,057.57	
		115,990,057.57	/

	400,565,923.24	71,632,111.52	117,861,898.21	354,336,136.55	/
	400,565,923.24	71,632,111.52	117,861,898.21	354,336,136.55	/

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1)		90,132,587.00
2)	68,735,808.22	
		20,866,267.68
3)		13,907.89
4)	435	65,597,496.08
	84,855,685.09	
5)		870,669.49
	208,023,606.62	
	6,414,832.04	

		197,258,123.46		197,258,123.46
		197,258,123.46		197,258,123.46

	-6,463.83	-315,674.54				-315,674.54		-322,138.37
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	78,885,451.86			78,885,451.86
	78,885,451.86			78,885,451.86

	1,014,275,185.86	404,394,238.04
		-40,308.58
+	1,014,275,185.86	404,353,929.46
	688,154,723.26	662,583,836.09
		19,778,092.47
	65,721,678.05	32,884,487.22
	1,636,708,231.07	1,014,275,185.86

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	3,958,513,123.07	2,339,261,314.65	2,634,499,809.13	1,402,525,808.68
	144,940,730.34	53,638,497.36	70,474,226.35	28,101,563.67
	4,103,453,853.41	2,392,899,812.01	2,704,974,035.48	1,430,627,372.35

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105,379,992.37

	5,801,819.08	6,113,941.03
	3,330,090.98	2,841,192.26
	1,283,388.43	677,801.39
	202,046.34	4,461,579.26
	86,591.29	2,153,048.31
	57,727.53	1,435,365.53
	16,732.06	6,371.04
	10,778,395.71	17,689,298.82

	182,880,999.28	106,447,259.45
	50,348,474.47	32,775,434.08
	20,006,377.91	12,414,554.32
	9,982,393.56	6,297,656.12
	7,111,720.67	2,850,056.87
	4,000,000.00	4,884,699.80
	2,098,664.11	1,371,869.00
	1,917,576.06	763,671.97
	1,486,709.52	3,117,757.45
	4,380,641.01	
	5,300,718.26	5,175,984.02
	289,514,274.85	176,098,943.08

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	75,321,248.76	31,047,095.80
	-31,890,321.12	-62,021,488.85
	19,489,173.74	17,753,341.69
	1,556,539.78	1,116,066.60
	763,150.33	116,643.68
	65,239,791.49	-11,988,341.08

	17,302,645.89	12,144,062.62
	125,699,615.55	316,748,800.73
	521,498.49	412,569.15
	143,523,759.93	329,305,432.50

	5,686,178.84	422,436.89
	2,627,904.11	3,746,575.34
	511,979.70	298,550.00
	13,216.94	
	-28,301.89	
	-7,338,540.63	-1,577,715.46
	1,472,437.07	2,889,846.77

	300,960.00	63,637.00	300,960.00
		5,600.00	
		2,952.78	
	18,031.05		18,031.05
	318,991.05	72,189.78	318,991.05

	367,986.50	220,000.00	367,986.50
	112,658.33	2,446.59	112,658.33
	480,644.83	222,446.59	480,644.83

	9,135.89	64,638,180.96
	-8,831,784.85	399,864.23
	-8,822,648.96	65,038,045.19

	678,599,203.82
/	169,649,800.95
	-9,541,577.60
	-128,460,355.10
	17,736,866.54
	-37,092,379.80
	87,671,668.56
	-102,464,170.98
	-6,322,501.53

	-8,822,648.96
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	96,781,274.12	440,311,219.21
	31,890,321.12	62,021,488.85
	451,013.42	496,073.24
	551,594.57	412,569.15
	5,030,449.90	1,801,655.28
	134,704,653.13	505,043,005.73

	160,811,356.00	61,706,368.49
	31,332,220.73	26,458,913.53
	37,025,901.38	27,428,314.54
	4,000,000.00	4,884,699.80
	26,499,533.90	14,188,690.61
	9,445,388.66	4,221,925.87
	6,519,045.89	12,846,971.75
	4,219,200.00	
	279,852,646.56	151,735,884.59

		9,962,400.00
		9,962,400.00

	4,597,038.60	
	30,000.00	
		9,054,000.00
	4,627,038.60	9,054,000.00

	197,272,865.83	
	8,446,722.18	1,918,323.48
	32,159.49	
	205,751,747.50	1,918,323.48

	69,983,675.03	118,677,199.08	3,175,331.81	73,084,395.07		118,751,810.85
			65,721,678.05	65,721,678.05		
	1,934,127,257.76	1,849,696,117.66	70,194,990.75	330,606,000.54		3,523,412,365.63
	6,122,073.20		17,030,856.15	8,027,203.04	967,908.12	14,157,818.19
	2,010,233,005.99	1,968,373,316.74	156,122,856.76	477,439,276.70	967,908.12	3,656,321,994.67

	687,421,852.78	663,874,515.79
	15,359,439.25	16,860,466.79
	34,303,253.47	8,056,975.21
	70,617,916.87	43,788,797.47
	5,245,235.11	1,772,137.19
	7,181,957.97	4,635,265.02
	3,285,912.92	1,921,543.28
“ ”	-22,187.99	-26,416.90
“ ”		-2,952.78
“ ”	-204,487,672.47	-94,035,724.00
“ ”	95,605,282.32	48,917,081.17
“ ”	-1,472,437.07	-2,889,846.77
“ ”	-36,824,048.27	-10,345,035.03
“ ”	21,577,431.38	5,700,162.70
“ ”	-2,736,769,870.77	-2,424,835,883.14
“ ”	-1,247,861,581.93	-559,237,390.83
“ ”	2,789,005,077.22	456,565,791.04
	215,309,108.15	181,937,861.02
	-282,525,331.06	-1,657,342,652.77
	2,851,664,695.25	2,667,894,690.65

	2,667,894,690.65	3,824,548,683.38
	183,770,004.60	-1,156,653,992.73

	2,851,664,695.25	2,667,894,690.65
	1,757.70	1,844.10
	2,851,444,192.54	2,667,892,846.55
	218,745.01	
	2,851,664,695.25	2,667,894,690.65
	4,575,086.18	336,394.96

	509,207,580.96	
	4,575,086.18	
	513,782,667.14	/

	151,134,655.55	7,752,594.18	ETC
	151,134,655.55	7,752,594.18	/

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12,183,316.67()

	239,620,641.34	179,260,261.55
	176,295,068.92	155,695,129.99
	138,236,647.56	88,455,485.41
	106,041,460.46	91,924,204.54
	56,406,667.55	33,085,282.01
	25,586,009.00	17,807,136.36
	13,595,720.52	9,592,724.06
	194,102.23	128,630.66
	755,976,317.58	575,948,854.58
	755,976,317.58	575,948,854.58

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	68,735,808.22
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	68,735,808.22

	47,869,540.54
	20,866,267.68
	20,866,267.68

	/	/
	28,900,952.04	
--	400,952.04	
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--	400,952.04	
	220,482,791.87	228,222,284.54
--	-7,739,492.67	-1,577,715.46
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--	-7,739,492.67	-1,577,715.46

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	277,565,375.43	56,307,100.00		17,302,645.89		316,569,829.54	
	123,000,547.81	15,325,011.52		100,559,252.32		37,766,307.01	
	400,565,923.24	71,632,111.52		117,861,898.21		354,336,136.55	

	17,302,645.89	12,144,062.62
	125,699,615.55	316,754,400.73
	143,002,261.44	328,898,463.35

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	118,751,810.85	120,166,924.46	120,166,924.46		
	857,959,824.10	857,959,824.10	857,959,824.10		
	1,386,646,514.19	1,386,646,514.19	1,386,646,514.19		
	5,263,485.15	5,263,485.15	5,263,485.15		
	735,108,951.87	749,180,370.72	749,180,370.72		
	2,793,967,286.82	2,939,419,411.07	65,383,634.26	2,601,308,507.93	272,727,268.88
	8,493,945.13	8,903,894.19		7,069,031.81	1,834,862.38
	5,906,191,818.11	6,067,540,423.88	3,184,600,752.88	2,608,377,539.74	274,562,131.26

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			1	1-3	3
	69,983,675.03	71,515,279.78	71,515,279.78		
	84,747,284.90	84,747,284.90	84,747,284.90		
	985,629,092.80	985,629,092.80	985,629,092.80		
	1,271,735.53	1,271,735.53	1,271,735.53		
	67,036,619.16	68,290,651.57	68,290,651.57		
	1,870,800,000.00	2,011,640,111.11	46,031,250.00	1,727,522,027.78	238,086,833.33
	2,412,711.80	2,545,905.46		2,545,905.46	
	3,081,881,119.22	3,225,640,061.15	1,257,485,294.58	1,730,067,933.24	238,086,833.33

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		667,067,869.36		667,067,869.36
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2		667,067,869.36		667,067,869.36
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		139,097,228.72	300,000,000.00		110,098,437.56
		8,569,125.00			
		3,269,653.00	5,000,000.00		1,617,829.10
		72,410.16			
					332,368.72

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		1,900,076.00	50,065,454.00
		607,958.12	528,128.21

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	1,756.22	1,859.12
	2,530.38	5,591.49

1,714.2856

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			872,328	1,657,422
	984.8583	1,871.2294		
0.4310%	0.8190%			
		1,500.00		
	300.00			1.0714%
2.8571%				
		3,359.64		
2.0738%		46.0850		
		1.5000%		
		2,000.00		
	78.7316			1.5625%
	3,952.62			2.2945%
118.9183		3.8137%		
		0.7813%		

				3,917,073.81	39,170.74
				488,328.52	12,211.92

		45,107,374.06	53,960,607.86
		2,167,302.60	1,724,637.45
		1,648,261.25	
		401,191.26	
		93,715,707.14	12,572,670.25
		1,354,840.50	

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		20,000.00	
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	5,557,667.00	523,761,789.44	1,563,943.00	77,543,561.52	1,627,316.00	77,427,695.28	492,615.00	35,920,361.90
	5,557,667.00	523,761,789.44	1,563,943.00	77,543,561.52	1,627,316.00	77,427,695.28	492,615.00	35,920,361.90
	2024	12	31	140.8276				

	2022	47.58	22.67	
	/			
	2023	94.36 /	30.03	47.58
	2023	94.36 /	40.40	22.67

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	2022	10	27	2022		<2022
		()>		280	
	105	/		513		
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	2022	10	27	2022		<2022
		()>		40	
	105	/		3		
4					25%	
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2023	10	27				<2023
			>		<2023	
			>			
	2023			2024	1	8
					2023	
				2024	1	8
697		300				140 /
	2023			2023		
				2024	11	14
					2023	
				2024	11	14
214		111				94.36 /
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2023	6	28		2022		10
2.60				2023	9	13
				2023		
	10		4.8	2024	5	20
				2023		
	10			3.50		10
4.8					2022	
613.312	87.616			47.58	/	2023
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	Black-Scholes
	438,578,848.85

	Black-Scholes
	52,329,454.58

	208,894,276.10	31,089,385.68
	208,894,276.10	31,089,385.68

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			11,285,860.00	81,127,276.02	2025-12-2	
			1,176,000.00	8,850,223.20	2025-8-25	
				3,040,000.00	2025-6-30	
			220,000.00	1,581,448.00 []	2025-1-31	220,000.00
				94,598,947.22		

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			9,300,000.00	9,300,000.00	2025-5-15
			4,219,200.00	21,096,000.00	2025-6-6
			13,519,200.00	30,396,000.00	

4 2024 12 31 :

			78,031,602.42	107,863,910.68	2025-6-26
			57,994,405.01	289,972,024.16	2025-5-26
				249,193,265.47	2025-4-25
				131,762,051.32	2025-5-1
				79,168,572.47	2025-6-26
			136,026,007.43	857,959,824.10	

	75,184,530.48
	75,184,530.48

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	995,532,276.32	837,151,815.04
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		(%)		(%)			(%)		(%)	
	995,532,276.32	100.00	90,272,676.19	9.07	905,259,600.13	837,151,815.04	100.00	23,329,700.80	2.79	813,822,114.24
	995,532,276.32	/	90,272,676.19	/	905,259,600.13	837,151,815.04	/	23,329,700.80	/	813,822,114.24

			%
6	300,860,752.68	3,008,607.53	1.00
7-12	188,351,855.91	9,417,592.80	5.00
1-2	471,612,593.95	70,741,889.10	15.00
2-3	33,612,103.78	6,722,420.76	20.00
3-4	826,595.00	247,978.50	30.00
4-5	268,375.00	134,187.50	50.00
	995,532,276.32	90,272,676.19	9.071364

	23,329,700.80	66,942,975.39			90,272,676.19
	23,329,700.80	66,942,975.39			90,272,676.19

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				%	
	961,037,609.79	4,006,483.75	965,044,093.54	96.41	87,559,071.68
	961,037,609.79	4,006,483.75	965,044,093.54	96.41	87,559,071.68

	1,364,333,348.93	1,908,647,448.92
	1,364,333,348.93	1,908,647,448.92

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6	419,234,386.60	1,400,787,641.33
7-12	491,231,291.20	509,431,405.28
1	910,465,677.80	1,910,219,046.61
1 2	567,788,248.90	44,588,622.33
2 3	1,960.00	9,400.00
3 4		
4 5		
5		56,500.00
	1,478,255,886.70	1,954,873,568.94

	1,477,863,943.56	1,952,370,639.49
	328,477.95	1,850,568.84
	63,465.19	652,360.61
	1,478,255,886.70	1,954,873,568.94

	12	()	()	
2024	1 1	39,479,446.67	6,688,293.35	58,380.00
2024	1 1			46,226,120.02

--	-28,389,412.45	28,389,412.45		
--		-294.00	294.00	
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	17,663,874.21	50,090,825.54	-58,282.00	67,696,417.75
2024 12 31	28,753,908.43	85,168,237.34	392.00	113,922,537.77

	46,226,120.02	67,696,417.75				113,922,537.77
	46,226,120.02	67,696,417.75				113,922,537.77

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		(%)			
1	300,024,201.03	20.30		6	3,000,242.01
	217,741,054.97	14.73		7-12	10,887,052.75
	546,401,747.97	36.96		1-2	81,960,262.20
2	3,072,547.94	0.21		6	30,725.48
	246,695,131.50	16.69		7-12	12,334,756.58
	21,176,447.95	1.43		1-2	3,176,467.19
3	116,022,794.05	7.85		6	1,160,227.94
	26,730,018.15	1.81		7-12	1,336,500.91
4	171,674.37	0.01		1-2	25,751.16
5	40,000.00	0.01		6	400.00
	40,000.00			7-12	2,000.00
	1,478,115,617.93	100.00	/	/	113,914,386.22

	2,649,812,601.51		2,649,812,601.51	1,764,255,846.85	1,764,255,846.85
	2,649,812,601.51		2,649,812,601.51	1,764,255,846.85	1,764,255,846.85

	6,492,544.72		68,735,808.22		8,404.29	75,236,757.23
	18,046,681.36				18,620,843.60	36,667,524.96
	995,744,177.56		400,000,000.00		68,550,454.44	1,464,294,632.00
	428,611,923.21				88,038,259.13	516,650,182.34
	315,000,000.00		232,026,184.98			547,026,184.98
	360,520.00					360,520.00
			9,576,800.00			9,576,800.00
	1,764,255,846.85		710,338,793.20		175,217,961.46	2,649,812,601.51

	1,349,931.51	3,746,575.34
	5,686,178.84	422,436.89
	511,979.70	298,550.00
	32,507,937.05	9,075,789.62
	40,056,027.10	13,543,351.85

	22,187.99	
	143,001,060.81	
	203,075,728.22	
	13,216.94	
	9,726,027.20	
	-161,653.78	
	-898,971.38	
	21,433,756.66	
	1,327,058.86	
	332,016,780.48	

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	%		
	14.11	2.48	2.46
	7.30	1.28	1.27