	2019-December			Current Month Increase	Current Month Decrease	
			Shares held at the time of being elected	Purchase on the market	Sale on the market	Actual no. of shares held as of the end of the current month
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Identity	Name	Type of Shares	Shares under trust with discretion reserved as of the end of the last month	Private placement shares	Private placement shares	Shares under trust with discretion reserved as of the end of the current month
			Cumulative no. of shares pledged as of the end of the last month	Shares under trust with discretion reserved	Shares under trust with discretion reserved	Cumulative no. of shares pledged as of the end of the current month
			Cumulative private placement shares as of the end of the last month	Shares on which a pledge is newly created	Shares on which a pledge is cancelled	Cumulative private placement shares as of the end of the current month
			2,737,718,976	0		2,737,718,976
			2,737,718,976	0		0
Chairman	MOTC	Common shares	0	0	0	0
			0	0	-	
						Note: also a major shareholder and director
			0	0		· · · · · · · · · · · · · · · · · · ·
Representative			72,054	0	-	0
juristic-person	Chi-Mau Sheih	Common shares	0	0	0	0
Chairman			0	0	-	0
Spouse and minor			0	0	0	0
children of the			0	0	0	
Representative		Common shares	0	0		·
juristic-person Chairman			0	0		0
Chairman						
		Common shares	2,737,718,976	0	0	0
			0	0		0
Director	MOTC		0	0	0	0
			0	0	0	0
						Note: also a major shareholder and the Chairman
			0	0		-
Representative			0	0	0	0
juristic-person	Shui-Yi Kuo	i-Yi Kuo Common shares	0	0	0	0
Director			0	0	0	0
						Note: also the President and CFO
Spouse and minor			0	0	0	0
children of the		1	0	0	-	0
Representative		Common shares	0	0	-	-
juristic-person Director			0	0	0	0
Birettor						
			2,737,718,976	0	0	0
			0	0		0
Director	MOTC	Common shares	0	0	0	0
			0	0	0	
						Note: also a major shareholder and the Chairman
			0	0	0	0
Representative		<u>_</u> .	0	0	-	0
juristic-person Director	Yu-Lin Huang	Common shares	0	0	0	0
Director			0	0	0	0

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			Shares held at the time of being elected	Purchase on the market	Sale on the market	Actual no. of shares held as of the end of the current month
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Spouse and minor			0	0	0	0
children of the			0	0		-
Representative		Common shares	0	0	-	0
juristic-person Director			0	0	0	0
			2,737,718,976	0	0	0
			2,/3/,/18,9/0	0	0	0
Director	MOTC	Common shares	0	0	0	0
Director	MOTC	Common snares	0	0	0	0
			0	0	0	0
			0	0	0	Note: also a major shareholder and the Chairman 2,000
D		Common shares	2,000	0	·	2,555
Representative juristic-person	Chin-Tsai Pan		0	0	0	0
Director		Common shares	0	0		0
			0	0	0	0
			0	0	0	0
Spouse and minor children of the		Common shares	0	0	0	0
Representative			0	0	-	
juristic-person			0	0	·	0
Director			0	0	0	0
			2,737,718,976	0	0	0
			0	0		0
Director	MOTC	Common shares	0	0		0
			0	0	0	0
			0	0	0	Note: also a major shareholder and the Chairman
			0	0	-	0
Representative			0	0	-	0
juristic-person	Sin-Horng Chen	Common shares	0	0	0	0
Director			0	0	-	0
Spouse and minor			0	0	0	15,729
children of the			15,729	0	0	0
Representative		Common shares	0	0	-	0
juristic-person			0	0	-	0
Director						
			2,737,718,976	0		0
			0	0		0
Director	MOTC	Common shares	0	0		0
			0	0	0	
						Note: also a major shareholder and the Chairman

	2019-December			Current Month Increase	Current Month Decrease	
			Shares held at the time of being elected	Purchase on the market	Sale on the market	Actual no. of shares held as of the end of the current month
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			Cumulative private placement shares as of the end of the last month	Shares on which a pledge is newly created	Shares on which a pledge is cancelled	Cumulative private placement shares as of the end of the current month
			0	0		0
Representative			0	0		0
juristic-person Director	Lien Chuan Lee	Common shares	0	0	-	0
Director			0	0	0	0
	-		2,737,718,976	0	0	0
			2,737,718,370	0	· ·	0
Director	MOTC	Common shares	0	0	0	0
Birector	WOTC	Common shares	0	0	0	0
			0	0	0	0 Note: also a major shareholder and the Chairman
			0	0	0	Note · also a major shareholder and the Chairman
Representative		Common shares	0	0	0	0
juristic-person	Shin-Yi Chang		0	0	-	0
Director			0	0		0
			0	0	0	0
			0	0	0	0
Spouse and minor children of the			0	0		
Representative		Common shares	0	0	-	0
juristic-person			0	0	0	0
Director			· ·	0		J. Control of the con
			2,737,718,976	0		0
		Common shares	0	0	-	0
Director	MOTC		0	0	0	0
			0	0		0
						Note: also a major shareholder and the Chairman
			0	0		0
Representative			0	0	0	0
juristic-person	Hung-Yi Hsiao	Common shares	0	0	-	
Director			0	0	0	0
Spouse and minor			0	0	0	0
children of the			0	0		0
Representative juristic-person		Common shares	0	0	0	0
Director			0	0	0	0
			0	0	0	0
			0	0		0
Indonondont dinost-	Lo Vu Von	Common shares	0	0	0	0
Independent director	Lo Yu Yen	Common shares	0	0		0
			0	0	0	0

	2019-December			Current Month Increase	Current Month Decrease	
			Shares held at the time of being elected	Purchase on the market	Sale on the market	Actual no. of shares held as of the end of the current month
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			Cumulative private placement shares as of the end of the last month	Shares on which a pledge is newly created	Shares on which a pledge is cancelled	Cumulative private placement shares as of the end of the current month
			0	0		0
Spouse and minor			0	0		0
children of the Independent director		Common shares	0	0	0	0
independent director			0	0	0	0
			0	0	0	0
			0	0	· ·	0
Independent director	Vi-Chin Tu	'u Common shares	0	0	0	0
independent director	11-Cilii 1u	Common shares	0	0	0	0
			0	0	0	0
			0	0	0	0
G		Common shares	0	0	0	0
Spouse and minor children of the			0	0	-	0
Independent director		Common shares	0	0		0
			0	0	0	0
			0	0	0	0
		Common shares	0	0		
Independent director	Yu-Fen Lin		0	0	-	0
1	1 4 1 011 2111		0	0	0	0
			0	0	0	0
			0	0	0	0
			0	0	-	
Independent director	Chung-Chin Lu	Common shares	0	0	-	-
1			0	0	0	0
			0	U	0	0
			0	0		0
Spouse and minor			0	0	0	0
children of the		Common shares	0	0	0	
Independent director			0	0	-	0
			0	0	0	0
			0	0		0
Independent director	Jen Ran Chen	Common shares	0	0		0
			0	0		
			0	0		0
Spouse and minor			0	0		0
children of the		Common shares	0	0		0
Independent director			0	0		

resident		2019-December			Current Month Increase	Current Month Decrease	
No.         No.         No.         Market Mark				Shares held at the time of being elected	Purchase on the market	Sale on the market	Actual no. of shares held as of the end of the current month
Heater the section of				Actual no. of shares held as of the end of the last month			
TATETA	Identity	Name	Type of Shares		Private placement shares	Private placement shares	
Section   Sect							
Severated Revision Re					Shares on which a pledge is newly created	Shares on which a pledge is cancelled	
Sender Manager Sender					-	-	
Post of Minor Horizon	D	Clast V: Var	C		-	-	
Position of the continuer of the conti	President	Shui- Yi Kuo	Common snares			-	
				0	0	0	0
				0	0	0	0
initire of the resident reside	Spouse and minor			0	0	0	0
resident         Feeder         Common shares	children of the		Common shares				-
resident         Rong-Syl Line         0         0         0         0         1.36           resident         Rong-Syl Line         0	President				-	-	
resident Rong-Sh Line Rong-Sh L							
Resident   Roge Syl Lin   Roge Syl					-	-	
Nome						-	
pous and minor hildren of the resident         Common shares         0         0         0         35000         0         35000         0         35000         0         0         35000         0	President	Rong-Syh Lin	Common shares				
Common shares   Common share							
Pous and minor hildren of the resident   Pous and the res							
Posse and minor hidren of the resident   Posse   Pos					-	-	
resident Res	Spouse and minor				-	-	
resident  Yuan-Kuang Tu  Common shares  Ommon	President		Common shares				
resident Yuan-Kuang Tu	1 resident			0	0	0	0
resident Yuan-Kuang Tu				0	0	0	81.305
Yun-Kuang 10						-	· · · · · · · · · · · · · · · · · · ·
Pouse and minor hidren of the resident  Ming-Shih Chen  Ming-Shih Chen  Common shares  Common sh	President	Yuan-Kuang Tu	Common shares		-	-	-
Pouse and minor hildren of the resident  Ming-Shih Chen  Common shares    Common shares			a Common shares		-	-	-
Popuse and minor hildren of the resident   Popuse and minor hildre				0	0	U	0
Common shares   Common share							
Common shares   Common share	Spouse and minor				-	-	
resident	children of the		Common shares				
resident Ming-Shih Chen Versident Ve	President						
resident Ming-Shih Chen Versident Common shares      Common shares							
resident Ming-Shih Chen Common shares					-	-	
Common shares   Common share	D	N					
pouse and minor hildren of the resident resident	President	Iviing-Shih Chen	Common shares				
Depuise and minor   Depu				0	0	0	0
Depuise and minor   Depu				0	0	0	n
Common shares  Common shares  Common shares  Common shares	Smanna am 1						
resident 0 0 0			Common shares		-	-	
	President		Common shares		-		
				0	0	0	0

	2019-December			Current Month Increase	Current Month Decrease	
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			0	0	0	0
			0	0		·
President	Hsueh-Lan Wu	Common shares	0	0	-	0
			0	0	0	0
			0	0	0	0
			0	0		0
Spouse and minor children of the		Common shares	0	0	0	0
President		Common snares	0	0	0	0
			0	0	0	0
			0	0	0	0
			0	0	·	0
President	Wei-Kuo Hong	Common shares	0	0	-	0
1 resident	Wei Ruo Hong	Common shares	0	0		0
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0	0	
children of the		Common shares	0	0		
President			0	0	·	0
			0	0	0	0
			0	0	0	265
			265	0		0
President	Chin-Kun Lin	Common shares	0	0		0
			0	0	0	0
			0	0	0	0
			0	0	0	47,584
			47,584	0	-	0
President	Hung-Chao Tang	Common shares	0	0	0	0
			0	0		0
						•
			0	0	-	0
Spouse and minor			0	0		
children of the President		Common shares	0	0	-	0
			0	0	-	0
			0	0		0
			0	0		0
President	Der-Shing Rau	g Rau Common shares	0	0		0
			0	0		

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			0	0	0	0
Spouse and minor			0	0		·
children of the President		Common shares	0	0	-	0
Fresident			0	0	0	0
			0	0	0	0
			0	0		0
President	Shana Haun Chana	Common shares	0	0	0	0
President	Sheng-Haun Chang	Common snares	0	0	0	0
			0	0	0	0
			0	0	0	0
		Common shares	0	0	·	0
Spouse and minor children of the			0	0	-	0
President		Common shares	0	0		0
			0	0	0	0
			0	0	0	42,488
		Hsu Common shares	42,488	0	0	0
President	Jason Hsu		0	0		
			0	0	·	0
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0		0
children of the		Common shares	0	0		0
President			0	0	0	0
			0	0	-	70,388
			70,388	0	-	0
President	Ker-Chih Hwang	Common shares	0	0	0	0
			0	0		0
			0	0	-	808
Spouse and minor			808	0		
children of the President		Common shares	0	0	-	0
			0	0	-	0
			30,092	0		30,092
			30,092	0		0
President	Nien-Yee Liu	Common shares	0	0		
			0	0	0	0

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			0 10,510	0	0	10,510
	at P. F.		0	0	-	0
President	Chao-Fu Lai	Common shares	0	0		0
			0	0	0	0
			0	0	0	0
G			0	0		0
Spouse and minor children of the		Common shares	0	0		0
President		Common shares	0	0	0	0
			0	0	0	0
			0	0	0	3,296
			3,296	0	0	0
President	Hung-Liang Yin	Common shares	0	0	-	0
			0	0		0
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0	0	
children of the		Common shares	0	0	-	0
President			0	0		0
			•			
			0	0		577
			577 0	0	0	0
President	Chin-Tu Lin	Common shares	0	0		
			0	0	-	
			0	0	0	0
Spouse and minor			0	0	-	0
children of the President		Common shares	0	0		0
President			0	0	0	0
			0	0		2.246
			0 2,246	0	0	2,246
Dunnislant	IIvi Dee U	Common -1	0	0	·	0
President	Hui-Pao Huang	Common shares	0	0		0
			0	0	0	0
			0	0	0	30,192
			30,192	0		
President	Veong-lienn Mass	Common charee	0	0		0
1 1 John of the second	Yeong-Jienn Maw	w Common shares	0	0		0
			0	0	0	0
	1					

	2019-December			Current Month Increase	Current Month Decrease	
			Shares held at the time of being elected	Purchase on the market	Sale on the market	Actual no. of shares held as of the end of the current month
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			0	0	0	0
Spouse and minor			0	0		
children of the President		Common shares	0	0	-	0
Fresident			0	0	0	0
			0	0	0	0
			0	0		0
President	Jinun Ivo I oo	Common shares	0	0	0	0
President	Jinun-Jye Lee	Common snares	0	0	0	0
			0	0	0	0
			0	0	0	0
		Common shares	0	0	·	0
Spouse and minor children of the			0	0	-	0
President	Comme	Common shares	0	0		0
			0	0	0	0
			0	0	0	70,000
			70,000	0	0	0
President	Ching-Chuan Wang	Common shares	0	0		
			0	0	·	0
			0	0	0	0
			0	0	0	24,000
Spouse and minor			24,000	0		0
children of the		Common shares	0	0		0
President			0	0	0	0
			0	0	-	11,666
			11,666	0	-	0
President	Chin-Min Shih	Common shares	0	0	0	0
			0	0		0
			0	0	-	0
Spouse and minor			0	0		
children of the President		Common shares	0	0	-	0
			0	0	-	0
			0 32,964	0		32,964 0
			32,964	0		0
President	Li-Show Wu	Common shares	0	0		
			0	0	0	0

	2019-December			Current Month Increase	Current Month Decrease	
			Shares held at the time of being elected	Purchase on the market	Sale on the market	Actual no. of shares held as of the end of the current month
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			0	0	0	0
Spouse and minor			0	0		·
children of the President		Common shares	0	0	-	0
resident			0	0	0	0
			0	0	0	4,252
			4,252	0		0
President	Kuo-Chi Huang	Common shares	0	0		0
			0	0	0	0
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0		0
children of the		Common shares	0	0	-	0
President			0	0		0
						•
			0	0	0	2,000
		ang Common shares	2,000	0	0	0
President	Tang Chang		0	0		0
			0	0	0	0
			0	0		0
Spouse and minor			0	0		0
children of the President		Common shares	0	0		0
riesident			0	0	0	0
			0	0	0	0
			0	0	-	0
President	Wen-Tu Chang	Common shares	0	0	0	0
riesident	wen-1u Chang	Common shares	0	0		0
			0	0	0	0
			0	0	0	0
Smarra and min -			0	0	-	
Spouse and minor children of the		Common shares	0	0	-	
President		_ Jimon Shares	0	0	-	0
			0	0	0	0
			0	0	0	27,692
			27,692	0	0	0
President	Yi-Fong Chang	Common shares	0	0		0
	11.10ng Chang	5 Common snares	0	0		
			0	0	0	0
	-	1	1	l	l	

	2019-December			Current Month Increase	Current Month Decrease	
			Shares held at the time of being elected	Purchase on the market	Sale on the market	Actual no. of shares held as of the end of the current month
			Actual no. of shares held as of the end of the last month	Acquisition by other means (excluding private placement)	Transfer by other means (excluding private placement)	Shares under TDCC separate custody as of the end of the current month
Identity	Name	Type of Shares	Shares under trust with discretion reserved as of the end of the last month	Private placement shares	Private placement shares	Shares under trust with discretion reserved as of the end of the current month
			Cumulative no. of shares pledged as of the end of the last month	Shares under trust with discretion reserved	Shares under trust with discretion reserved	Cumulative no. of shares pledged as of the end of the current month
			Cumulative private placement shares as of the end of the last month	Shares on which a pledge is newly created	Shares on which a pledge is cancelled	Cumulative private placement shares as of the end of the current month
			0	0	0	0
Spouse and minor			0	0		·
children of the President		Common shares	0	0	-	0
Fresident			0	0	0	0
			0	0	0	42,428
			42,428	0		42,428
President	Shishen Cheng	Common shares	0	0	0	0
President	Snisnen Cheng	Common snares	0	0	0	0
			0	0	0	0
			0	0	0	0
		Common shares	0	0	·	0
Spouse and minor children of the			0	0	-	0
President	Comm	Common shares	0	0		0
			0	0	0	0
			0	0	0	42,771
		g Lin Common shares	42,771	0	0	0
Vice president	Kuo-Feng Lin		0	0		
F			0	0	·	0
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0		0
children of the Vice		Common shares	0	0		0
president		Common shares	0	0	0	0
			0	0	0	0
			0	0	0	2,603
			2,603	0	-	0
Vice president	Wen-Wang Tseng	Common shares	0	0	0	0
			0	0		0
			0	0	-	1,547
Spouse and minor			1,547	0		
children of the Vice president		Common shares	0	0	-	0
			0	0	-	0
			0	0		13,171
			18,171	0		0
Vice president	Yu-Chen Tsai	Common shares	0	0		0
			0	0	0	0

	2019-December			Current Month Increase	Current Month Decrease	
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			Cumulative private placement shares as of the end of the last month	Shares on which a pledge is newly created	Shares on which a pledge is cancelled	Cumulative private placement shares as of the end of the current month
			0	0	0	0
Spouse and minor		G 1	0	0		0
children of the Vice president		Common shares	0	0		0
president			0	0	0	0
			0	0	0	3,571
			3,571	0		3,5/1
Vice muccid	Huana I was Hea	Common -1	0	0	-	0
Vice president	Huang-Lung Hong	Common shares	0	0	0	0
			0	0	0	0
			0	0	0	0
			0	0	-	
Spouse and minor		Common shores	0	0		0
children of the Vice president	Commo	Common shares	0	0		
president			0	0	0	0
			0	0	0	33,816
		n Jeng Common shares	33,816	0	0	
			0	0	-	-
Vice president	Jeu-Yih Jeng		0	0	0	0
			0	0	0	0
			0	0	0	1,000
			1,000	0		1,000
Spouse and minor			0	0	0	0
children of the Vice president		Common shares	0	0	-	
president			0	0	0	0
			0	0		0
			0	0	-	0
Vice president	Kuan-Chun Shieh	Common shares	0	0		0
			0	0	0	0
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0	·	0
children of the Vice president		Common shares	0	0	0	0
President			0	0	0	0
			0	0	0	44,048
			44,048	0		
17	GI: H: T:		0	0	-	0
Vice president	Chia-Hsin Li	Common shares	0	0	0	0
			0	0	0	0

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			0	0	0	0
Spouse and minor			0	0		0
children of the Vice president		Common shares	0	0		0
president			0	0	0	0
			0	0	0	38,594
			38,594	0		00,374
Vice president	Shih-Mo Lu	Common shares	0	0	0	0
vice president	Silii-Wo Lu	Common shares	0	0	0	0
			0	0	0	0
			0	0	0	0
			0	0	-	
Spouse and minor children of the Vice		Common shares	0	0	-	0
president		Common shares	0	0		
			0	0	0	0
			0	0	0	12,888
		Common shares	12,888	0	0	
Vice president	Ivan Lin		0	0		
· · · · ·			0	0		0
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0		
children of the Vice		Common shares	0	0	0	0
president			0	0	-	
			0			0
			0	0	0	5,588
			5,588	0	-	0
Vice president	Ching-Min Cheng	Common shares	0	0		0
			0	0		
			0	0		0
Spouse and minor			0	0	0	0
children of the Vice president		Common shares	0	0		0
			0	0		0
			0	0	-	
	Chin Chun Chan		11,713	0	-	0
Vice president	Chin-Chun Chang Chien	Common shares	0	0	-	0
			0	0		

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			Shares held at the time of being elected	Purchase on the market	Sale on the market	Actual no. of shares held as of the end of the current month
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			Cumulative private placement shares as of the end of the last month	Shares on which a pledge is newly created	Shares on which a pledge is cancelled	Cumulative private placement shares as of the end of the current month
			0	0	0	0
Spouse and minor		G 1	0	0		0
children of the Vice president		Common shares	0	0	0	0
president			0	0	0	0
						(00
			688	0		688
17			0	0	-	0
Vice president	Jung-Chin Kung	Common shares	0	0	0	0
			0	0	0	0
			0	0	0	0
			0	0	-	
Spouse and minor			0	0		0
children of the Vice president		Common shares	0	0	0	
president			0	0	0	0
						24.122
	Hsueh-Hai Hu		0 24,120	0	0	24,120 0
		G 1	0	0	-	-
Vice president		Common shares	0	0	-	0
			0	0	0	0
			0	0		0
Spouse and minor			0	0	0	0
children of the Vice		Common shares	0	0		
president			0	0	0	0
			0 39,342	0	0	39,342 0
			39,342	0	-	0
Vice president	Chih-Chin Yu	Common shares	0	0		0
			0	0	0	0
			0 116	0	0	116
Spouse and minor			0	0	·	0
children of the Vice president		Common shares	0	0		0
			0	0	0	0
			0 70,456	0		
			0	0	-	0
Vice president	Kuo-chiang Chung	Common shares	0	0	-	0
			0	0	0	0

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			Shares held at the time of being elected	Purchase on the market	Sale on the market	Actual no. of shares held as of the end of the current month
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			Cumulative private placement shares as of the end of the last month	Shares on which a pledge is newly created	Shares on which a pledge is cancelled	Cumulative private placement shares as of the end of the current month
			0	0	0	0
Spouse and minor			0	0		
children of the Vice president		Common shares	0	0	-	
president			0	0	0	0
			0	0	0	0
			0	0		0
Vice president	Rong-Yih Chen	Common shares	0	0		
, p			0	0	0	
			0	0	0	0
			0	0	-	
			0	0		
Vice president	Hong-Chan Ma	Common shares	0	0	-	-
			0	0		
			•			
			0	0	0	
Spouse and minor			0	0	0	-
children of the Vice		Common shares	0	0		
president			0	0	0	0
						24.075
			0 34,075	0		34,075 0
77' '1 '	V V CI	G 1	0	0		
Vice president	Yao-Kun Chou	Common shares	0	0		
			0	0	0	0
			0	0	0	0
			0	0	-	
Spouse and minor children of the Vice		Common shares	0	0	0	
president			0	0		
			0	0	0	0
			0	0	0	0
			0	0		
Vice president	Tsan Tung Yeh	Common shares	0	0	-	-
	rung ren		0	0	-	-
			0	0		
Spouse and minor			0	0		-
children of the Vice		Common shares	0	0		
president			0	0		

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			0 20,405	0	0	20,405
			20,403	0	0	0
Vice president	Kuan-Hsiung Liang	Common shares	0	0	0	0
			0	0	0	0
			0	0	0	0
			0	0	0	0
Spouse and minor children of the Vice		Common shares	0	0	0	0
president		Common shares	0	0	0	0
			0	0	0	0
			0	0	0	0
			0	0	0	
Vice president	Shih-Chung Chang	Common shares	0	0	0	0
vice president	Sinii-Chung Chang	Common shares	0	0	0	
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0	0	
children of the Vice		Common shares	0	0		
president			0	0	0	0
			0	0	0	0
			0	0	0	0
		Common shares	0	0	0	
Vice president	Pen-Yuang Chang		0	0	0	0
			0	0	0	
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0	0	0
children of the Vice		Common shares	0	0	0	0
president			0	0		
			0	0	0	48,249
			48,249	0	0	0
Vice president	Chiu Rueyshu	Common shares	0	0	0	0
			0	0	0	0
			0	0	0	
Spouse and minor			0	0	0	0
children of the Vice		Common shares	0	0	0	0
president			0	0	0	

	2019-December			Current Month Increase	Current Month Decrease	
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			Cumulative private placement shares as of the end of the last month	Shares on which a pledge is newly created	Shares on which a pledge is cancelled	Cumulative private placement shares as of the end of the current month
			0	0	0	2,410
			2,410	0		0
Vice president	Chen-Chien Su	Common shares	0	0	-	0
			0	0	0	0
			0	0		0
			0	0		0
Spouse and minor		Common -1	0	0	-	0
children of the Vice president		Common shares	0	0	0	0
president			0	0	0	0
			0	0	0	0
			0	0	·	0
Vice president	Tsai-Chen Lan	Common shares	0	0	0	0
vice president	I sai-Cileii Laii	Common shares	0	0		0
			0	0	0	0
			0	0	0	0
			0	0	0	
Spouse and minor children of the Vice		Common shares	0	0		
president		Common shares	0	0		0
			0	0	0	0
			0	0	0	152
			152	0	0	0
Vice president	Shu-Ling Chen	Common shares	0	0		0
1		- Common shares	0	0	0	0
			0	0	0	0
			0	0	0	29,013
			29,013	0	-	0
Vice president	Jen-Shang Lin	Common shares	0	0	0	0
			0	0		0
			0	0	-	0
Spouse and minor			0	0		
children of the Vice president		Common shares	0	0	-	0
			0	0	-	0
			0	0		36,044
			36,044	0		0
Vice president	Hey-Chyi Young	Common shares	0	0		0
			0	0		

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			0 13,634	0	0	13,634
Spouse and minor			15,034	0	-	0
children of the Vice president		Common shares	0	0		0
president			0	0	0	0
			0	0	0	16 276
			16,376	0		16,376
Vice mussident	Chri Tion Chia-	Common shore	0	0	· ·	0
Vice president	Chyi-Tian Chiou	Common shares	0	0	0	0
			0	0	0	0
			0	0	0	0
			0	0	-	
Spouse and minor		Common shores	0	0		0
children of the Vice president		Common shares	0	0		
president			0	0	0	0
			0	0	0	20,584
	Jung-Kuei Chen	Common shares	20,584	0	0	20,364
77 11 .			0	0	-	
Vice president			0	0	0	0
			0	0	0	0
			0	0	0	0
			0	0		
Spouse and minor			0	0	0	0
children of the Vice president		Common shares	0	0	-	
president			0	0	0	0
			0	0	0	15,000
			15,000	0		15,000
17:	Mar Haine Lin	C	0	0	-	0
Vice president	Mao-Hsing Lin	Common shares	0	0		0
			0	0	0	0
			0	0	0	43,052
			43,052	0	0	45,032
Spouse and minor		Common -1	0	0	·	0
children of the Vice president		Common shares	0	0		0
			0	0	0	0
			0	0	0	94
			94	0	-	
Vice mussident	Huma Hair - Ct -	Common -1	0	0	-	0
Vice president	Hung-Hsing Chen	Common shares	0	0		0
			0	0	0	0

2019-December				Current Month Increase	Current Month Decrease	
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			0			·
Spouse and minor			0	0	-	·
children of the Vice president		Common shares	0	0		
president			0	0	0	0
			0	0	0	0
			0	0		·
Vice musident	Wn Cuna Vaa	Common abone	0	0	-	
Vice president	Wu-Sung Kao	Common shares	0	0	-	
			0	0	0	0
			0	0	0	0
G 1 :			0	0		
Spouse and minor children of the Vice		Common shares	0			
president		Common shares	0	0		
			0	0	0	0
			0	0	0	0
			0	-	-	
Vice president	Wen-Chiyh Lin	Common shares	0	0	-	
1	•		0	0		
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0		
children of the Vice		Common shares	0	0	-	-
president			0			
			*			·
			0	0		
			2,400	0	-	
Vice president	Chao-chia Chang	Common shares	0	0		
			0	0		
			0	0	-	
Spouse and minor			0			
children of the Vice		Common shares	0	0	-	
president			0	0		
			32,529	0		
			32,329	0	-	-
Vice president	Quen-Zong Wu	Common shares	0	0	0	0
			0	0	0	0

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			0	0	0	0
Spouse and minor			0	0		·
children of the Vice president		Common shares	0	0	-	0
president			0	0	0	0
			0	0	0	38,075
			38,075	0		38,073
Vice president	Suh-Ming Liao	Common shares	0	0	0	0
vice president	Sun-Ming Liao	Common snares	0	0	0	0
			0	0	0	0
			0	0	0	0
			0	0	·	0
Spouse and minor children of the Vice		Common shares	0	0	-	0
president		Common shares	0	0		0
			0	0	0	0
			0	0	0	213
		Common shares	213	0	0	
Vice president	Hong-Bin Chiou		0	0		
F			0	0	·	0
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0		0
children of the Vice		Common shares	0	0		0
president		Common smares	0	0	0	0
			0	0	0	0
			0	0	0	15,000
			15,000	0	-	0
Vice president	Jung-Huang Huang	Common shares	0	0	0	0
			0	0		0
			0	0	-	0
Spouse and minor			0	0		
children of the Vice president		Common shares	0	0	-	0
			0	0	-	0
			0	0		17,947
			17,947	0		0
Vice president	Rong-Shuen Huang	Common shares	0	0		
			0	0		

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			0		0	
Spouse and minor children of the Vice		Common shares	0	0	0	
president		Common snares	0	0	0	
president			0	0	0	0
			0	0	0	4,780
			4,780	0	0	
Vice president	Ling Chao	Common shares	0	0	0	0
vice president	Ling Chao	Common shares	0	0	0	
			0	0	0	0
			0	0	0	0
			0	0	0	
Spouse and minor children of the Vice		Common shares	0	0	0	
president		Common shares	0		0	
			0	0	0	0
			0	0	0	748
	Zu-Beng Sun Common shai		748	0	0	0
Vice president		Common shares	0	0	0	
}			0	0	0	
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0	0	
children of the Vice		Common shares	0	0	0	-
president			0	0	0	
					0	
			0	0	0	
			55,043	0	0	
Vice president	Hui-Fen Lin	Common shares	0	0	0	
			0	0	0	
					0	
			0	0	0	
			4,933	0	0	
Vice president	Peter Lin	Common shares	0	0	0	
			0	0	0	
			0	0	0	
Spouse and minor			0	0	0	
children of the Vice		Common shares	0	0	0	
president			0		0	

	2019-December			Current Month Increase	Current Month Decrease	
			Shares held at the time of being elected	Purchase on the market	Sale on the market	Actual no. of shares held as of the end of the current month
			Actual no. of shares held as of the end of the last month	Acquisition by other means (excluding private placement)	Transfer by other means (excluding private placement)	Shares under TDCC separate custody as of the end of the current month
Identity	Name	Type of Shares	Shares under trust with discretion reserved as of the end of the last month	Private placement shares	Private placement shares	Shares under trust with discretion reserved as of the end of the current month
			Cumulative no. of shares pledged as of the end of the last month	Shares under trust with discretion reserved	Shares under trust with discretion reserved	Cumulative no. of shares pledged as of the end of the current month
			Cumulative private placement shares as of the end of the last month	Shares on which a pledge is newly created	Shares on which a pledge is cancelled	Cumulative private placement shares as of the end of the current month
			0	0		32,412
			32,412	0		0
Vice president	Pi-Lien Liu	Common shares	0	0		0
			0	0	0	0
			0 55,791	0		55,791
Spouse and minor			35,/91	0		0
children of the Vice president		Common shares	0	0		0
president			0	0	0	0
			0	0		4
			4	0		4 0
			0	0		0
Vice president	Jiunn-Der Lee	Common shares	0	0	0	0
			0	0	0	0
			0	0		0
			0	0		0
Spouse and minor		Common charac	0			0
children of the Vice		Common shares	0	0		0
president			0	0	0	0
			0	0	0	35,177
			35,177	0		55,177
17	Channe Chine Ven	Common shares	0	0		0
Vice president	Chung-Shing Yan		0	0		0
			0	0	0	0
			0	0	0	0
			0	0		0
Spouse and minor children of the Vice		Common shares	0	0		0
president		Common shares	0	0		0
1			0	0	0	0
			0	0	0	576
			576	0		0
Vice president	Shih Tsu Liu	Common shares	0	0		0
	Shih Tsu Liu	_ Jimion Shares	0	0		0
			0	0	0	0
			0	0	0	379
Spouse and minor			379	0		0
children of the Vice		Common shares	0	0		0
president			0	0		0
			0	0	0	0
L	1	1			1	

Fu-Fu Shen   Common shares		2019-December			Current Month Increase	Current Month Decrease	
Handing the hand in the control form to the control of the last month of the last mo				Shares held at the time of being elected	Purchase on the market	Sale on the market	Actual no. of shares held as of the end of the current month
Heinity of Paris Provided in the state of th				Actual no. of shares held as of the end of the last month			
Figure 1	Identity	Name	Type of Shares		Private placement shares	Private placement shares	
New Processor   New Processo							
Te Ming Chen   Te M					Shares on which a pledge is newly created	Shares on which a pledge is cancelled	
Vice president of the Vice president of the Vice president of the Vice president or pr							
Name   Common shares   Commo							
Spouse and minor charter of the Vice president   Vice pre	Vice president	Te Ming Chen	Common shares				
Common shares				0	0	0	0
Common shares							
Common shares   Common share							
Pursident vice president vice vice vice vice vice vice vice vice							
Vice president   Vice			Common shares	0		0	
Vice president         Vi-Mao Lin         Common shares         2,000         0	president			0	0	0	0
Vice president         Vi-Mao Lin         Common shares         2,000         0				0	0	0	2,000
Vice president         Yi-Mao Lin         Common shares         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         1,000         0							· ·
Spouse and minor children of the Vice president  Fu-Fu Shen  Spouse and minor children of the Vice president  Fu-Fu Shen  Fu-Fu Shen  Common shares  Common shares  Fu-Fu Shen  Common shares  Common shares  Tu-Fu Shen  Tu-F	177 11 .	VI Maritin	Common about				
Spouse and minor children of the Vice president  Fu-Fu Shen  Spouse and minor children of the Assistant vice president  Fu-Fu Shen  Spouse and minor children of the Assistant vice president  Assistant vice president  Fu-Fu Shen  Spouse and minor children of the Assistant vice president  Assistant vice president president president president president pre	Vice president	Y 1-Mao Lin	Common shares				
Common shares   Common share				0	0	0	0
Common shares   Common share				0	0	0	1,000
children of the Vice president         Common shares         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         11,840         0							
President   Pu-Fu Shen   Pu-F			Common shares	0			0
Assistant vice president Fu-Fu Shen Fu-Fu Sh			Common shares	-			
Assistant vice president  Fu-Fu Shen  Common shares  Fu-Fu Shen  Common sha	•			0	0	0	0
Assistant vice president  Fu-Fu Shen  Common shares  Fu-Fu Shen  Common shares  Common shares  Fu-Fu Shen  Common shares  Fu-Fu Shen  Common shares  Common				0	0	0	11.840
Pu-Fu Shen   Common shares							
Common shares   Common share	Assistant vice	Fu-Fu Shen	Common shares				
Spouse and minor children of the Assistant vice	president	ru ru Shen	Common snares				
Common shares				0	0	0	0
Common shares				0	0	0	0
Assistant vice president    Common shares	Spouse and minor			0	0	0	0
Assistant vice 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	children of the		Common shares				
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							•
0 0 0 0 0 Assistant vice	president			0	0	0	0
Accident vice				0	0	0	0
Assistant vice 1 0 0							
	Assistant vice president	Petrina Chong	Common shares	0	0		0
president 0 0 0 0 0 0							
					0		9
0 0 0 2,000							
2,000 0 0	A						•
	Assistant vice president	Chi-Hsien Huang	Common shares				
0 0 0	president						

	2019-December			Current Month Increase	Current Month Decrease	
			Shares held at the time of being elected	Purchase on the market	Sale on the market	Actual no. of shares held as of the end of the current month
			Actual no. of shares held as of the end of the last month	Acquisition by other means (excluding private placement)	Transfer by other means (excluding private placement)	Shares under TDCC separate custody as of the end of the current month
Identity	Name	Type of Shares	Shares under trust with discretion reserved as of the end of the last month	Private placement shares	Private placement shares	Shares under trust with discretion reserved as of the end of the current month
			Cumulative no. of shares pledged as of the end of the last month	Shares under trust with discretion reserved	Shares under trust with discretion reserved	Cumulative no. of shares pledged as of the end of the current month
			Cumulative private placement shares as of the end of the last month	Shares on which a pledge is newly created	Shares on which a pledge is cancelled	Cumulative private placement shares as of the end of the current month
g 1 :			0	0	0	0
Spouse and minor children of the			0	0		·
Assistant vice		Common shares	0	0	-	0
president			0	0	0	0
			0	0	0	30,136
			30,136	0	0	0
Assistant vice	I-Fang Wu	Common shares	0	0		0
president	1-rang wu	Common shares	0	0	0	0
			0	0	0	0
			0	0	0	79
			79	0	·	0
Assistant vice	Chung-Yung Kang	Common shares	0	0	0	0
president	enung rung rung	Common shares	0	0		0
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0	0	0
children of the		Common shares	0	0		
Assistant vice president			0	0	·	0
president			0	0	0	0
			0	0	0	22,075
			22,075	0		0
Assistant vice	Yuan-Kai Chen	Common shares	0	0		0
president			0	0	0	0
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0	-	0
children of the Assistant vice		Common shares	0	0	0	0
president			0	0		0
F						•
			0	0	0	3,612
L			3,612	0	0	0
Assistant vice president	Chih-Hsiung Huang	Common shares	0	0	-	0
			0	0	-	0
			0	0		0
Spouse and minor			0	0		0
children of the Assistant vice		Common shares	0	0		0
president			0	0		

2019-December				Current Month Increase	Current Month Decrease	
Identity	Name	Type of Shares	Shares held at the time of being elected	Purchase on the market	Sale on the market	Actual no. of shares held as of the end of the current month
			Actual no. of shares held as of the end of the last month	Acquisition by other means (excluding private placement)	Transfer by other means (excluding private placement)	Shares under TDCC separate custody as of the end of the current month
			Shares under trust with discretion reserved as of the end of the last month	Private placement shares	Private placement shares	Shares under trust with discretion reserved as of the end of the current month
			Cumulative no. of shares pledged as of the end of the last month	Shares under trust with discretion reserved	Shares under trust with discretion reserved	Cumulative no. of shares pledged as of the end of the current month
			Cumulative private placement shares as of the end of the last month	Shares on which a pledge is newly created	Shares on which a pledge is cancelled	Cumulative private placement shares as of the end of the current month
			0	0	0	0
Assistant vice			0	0	0	0
president	Vincent Chen	Common shares	0	0	0	0
			0	0	0	0
Spouse and minor			0	0	0	0
children of the			0	0	0	0
Assistant vice		Common shares	0	0	0	0
president			0	0	0	0
			0	0	0	2,448
			2,448	0	0	2,448
Assistant vice	I I. C	G 1	0	0	0	0
president	Lii-Jia Guo	Common shares	0	0	0	0
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0	0	0
children of the	Common shows	Common shares	0	-	0	0
Assistant vice		Common shares	0	0	0	0
president			0	0	0	0
			0	0	0	1,000
	Shuling Chen	Common shares	1,000	0	0	0
Assistant vice			0	0	0	0
president			0	0	0	0
			0	0	0	0
	1		0	0	0	0
	Hui-Chen Wei	Common shares	0	0	0	0
Assistant vice president			0	0	0	0
			0	0	0	0
			· ·			
			0	0	0	0
Spouse and minor children of the Assistant vice president	Commo	Common shares	0	0	0	0
			0	0	0	0
			0	0	0	0
Assistant vice president	Yen-Hsiang Hung	Hung Common shares	0	0	0	0
			0	0	0	0
			0	0	0	0
			0	0	0	0

2019-December				Current Month Increase	Current Month Decrease	
Identity	Name	Type of Shares	Shares held at the time of being elected	Purchase on the market	Sale on the market	Actual no. of shares held as of the end of the current month
			Actual no. of shares held as of the end of the last month	Acquisition by other means (excluding private placement)	Transfer by other means (excluding private placement)	Shares under TDCC separate custody as of the end of the current month
			Shares under trust with discretion reserved as of the end of the last month	Private placement shares	Private placement shares	Shares under trust with discretion reserved as of the end of the current month
			Cumulative no. of shares pledged as of the end of the last month	Shares under trust with discretion reserved	Shares under trust with discretion reserved	Cumulative no. of shares pledged as of the end of the current month
			Cumulative private placement shares as of the end of the last month	Shares on which a pledge is newly created	Shares on which a pledge is cancelled	Cumulative private placement shares as of the end of the current month
Spouse and minor			0			
children of the			0	0	-	
Assistant vice		Common shares	0	0	-	
president			0	0	0	0
			0	0	0	136
			136	0		
Assistant vice	Wen-Ming Chuang	Common shares	0	0	-	
president			0	0	-	
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0		
children of the Assistant vice		Common shares	0	0		
president			0	0		
			0	0	-	
Assistant vice			15,073 0	0	-	
president	Ru-Kuen Lee	Common shares	0	0	-	
			0	0	0	0
			0	0	0	0
Spouse and minor		Common shares	0	0		·
children of the			0	0	-	
Assistant vice			0			
president			0	0	0	0
			0	0	0	0
			0	0	-	
Assistant vice	Ya-Chian Shiue	Common shares	0			
president			0	0		
			0	0		
Spouse and minor			0			
children of the Assistant vice		Common shares	0	0	-	
president			0	0		
			20,056	0		
Assistant vice		_	20,036	0	-	-
president	Ching-Sheu Wang	Common shares	0	0	-	
			0	0	0	0

2	2019-December			Current Month Increase	Current Month Decrease	
			Shares held at the time of being elected	Purchase on the market	Sale on the market	Actual no. of shares held as of the end of the current month
		Type of Shares	Actual no. of shares held as of the end of the last month	Acquisition by other means (excluding private placement)	Transfer by other means (excluding private placement)	Shares under TDCC separate custody as of the end of the current month
Identity	Name		Shares under trust with discretion reserved as of the end of the last month	Private placement shares	Private placement shares	Shares under trust with discretion reserved as of the end of the current month
			Cumulative no. of shares pledged as of the end of the last month	Shares under trust with discretion reserved	Shares under trust with discretion reserved	Cumulative no. of shares pledged as of the end of the current month
			Cumulative private placement shares as of the end of the last month	Shares on which a pledge is newly created	Shares on which a pledge is cancelled	Cumulative private placement shares as of the end of the current month
			0	0		2,424
Spouse and minor children of the			2,424 0	0		0
Assistant vice		Common shares	0	0	-	0
president			0	0	0	0
						2.000
			0 2,000	0	0	2,000 0
Assistant vice	al V GI:	G 1	2,000	0	0	0
president	Chung-Yung Chia	Common shares	0	0	0	0
			0	0	0	0
			0	0	0	0
Spouse and minor			0	0	0	0
children of the		Common shares	0	0	0	0
Assistant vice		Common snares	0	0		0
president			0	0	0	0
			0	0	0	37,228
		Common shares	37,228	0	0	37,228
Assistant vice	Yeh-Chin Ho		0	0	-	0
president			0	0	0	0
			0	0	0	0
			0	0	0	0
Spouse and minor		Common shares	0	0	0	0
children of the			0	0	·	0
Assistant vice president			0	0	0	0
			•	-		•
	Tse-Jun Liu	Common shares	0	0		0
			0	0	0	0
Assistant vice president			0	0	-	0
			0	0		0
			0	0	0	0
Spouse and minor children of the			0	0		0
Assistant vice		Common shares	0	0		0
president			0	0		0
	мотс	Common shares	0	0	0	0
			0	0		0
Major shareholder N			0	0		0
			0	0	0	0
						Note: also the Chairman and a director

Marcian   Marc	2019-December				Current Month Increase	Current Month Decrease	
Identity   Name   Nam		2019 December		Shares held at the time of being elected			Actual no. of shares held as of the end of the current month
Table   Private placement shares   Private pla	Identity	Name	Type of Shares				Shares under TDCC separate custody as of the end of the current month
Marco   Marc							Shares under trust with discretion reserved as of the end of the
Shui-Yi Kuo   Common shares   Common shares   Common shares   Common shares   Shui-Yi Kuo   Common shares   Common s							Cumulative no. of shares pledged as of the end of the current month
Officer of finance department         Shui-Yi Kuo         Common shares         0         0         0         0         0         0         0         0         0         0         Note: also the President and a representative juristice printice printing print					Shares on which a pledge is newly created	Shares on which a pledge is cancelled	Cumulative private placement shares as of the end of the current month
Officer of finance department         Shui-Yi Kuo         Common shares         0         0         0           Spouse and minor children of the Officer of finance department         Common shares         0				·	0	0	0
Appendix   Shu-Yi Kuo   Common shares   0					*		0
Common shares		Shui-Yi Kuo	Common shares	9	•	· ·	0
Spouse and minor children of the Officer of finance department	department				*	0	0
Spouse and minor children of the Officer of the Officer of finance department   Common shares   O				0	0	0	0
Common shares							Note: also the President and a representative juristic-person director
Common shares   Common share			Common shares				0
Common shares    Common shares					*	· ·	0
Officer of accounting department         Shu-Ling Chen         Common shares         0         Note: also a vie         Note: also a vie         Note: also a vie         0         0         0         0         0         Note: also a vie         Note: also a vie         0         0         0         0         0         0         Note: also a vie         0         <					*		0
Officer of accounting department  Shu-Ling Chen  Common shares  Common shares  One of the officer of accounting department  Shu-Ling Chen  Common shares  Common shares  One of the officer of accounting department  Shu-Ling Chen  Common shares  One of the officer of accounting department  On	of finance department					· ·	0
Officer of accounting department         Shu-Ling Chen         Common shares         0						<u> </u>	
Officer of accounting department				0	0	0	0
Common shares		Shu-Ling Chen	Common shares	0	0	0	0
Common shares	Officer of accounting			0	0	0	0
Note: also a vice				0	0	0	0
Other officer Kuo-chiang Chung Common shares 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				0	0	0	0
Other officer Kuo-chiang Chung Common shares 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							Note: also a vice president
Other officer Kuo-chiang Chung Chung Chung Chung Chung Chung Common shares 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Other officer	Kuo-chiang Chung	Common shares		*	· ·	0
Other officer   Kuo-chiang Chung   Common shares   0					·	· ·	0
0 0 0 0   Note: also a vic					0	· ·	0
Note: also a vic					· ·	-	0
Spouse and minor         0         0         0           0         0         0				0	0	0	0 Naturalisa salah
Spouse and minor	Spouse and minor children of the Other officer		Common shares	Λ.	0	^	Note: also a vice president
Spouse and minor					-		0
				0	*	Ů	0
children of the Other   Common shares   O O O O O O O O O O O O O O O O O O					*	· · · · · · · · · · · · · · · · · · ·	0
						Ů.	0
						Ĭ .	