



KCE Electronics

(KCE.BK/KCE TB)*

Neutral - Maintained

Price as of 9 Jan 2024	51.50
12M target price (Bt/shr)	49.00
Unchanged/Revised up(down)(%)	Unchanged
Upside/downside (%)	(4.9)

Key messages

เราคาดว่าผลการประกอบการของ KCE ใน 4Q66F จะดีขึ้นบ้าง แต่ความไม่แน่นอนของอุตสาหกรรมยานยนต์ทำให้แนวโน้มกำไรของ KCE ในปีนี้เผชิญความท้าทายมากขึ้น เรายังคงคำแนะนำ "ถือ" KCE และประเมินราคาเป้าหมายสิ้นปี 2567 ที่ 49.00 บาทอิงจาก PER ที่ 29.0x (ค่าเฉลี่ยในอดีต +0.5 S.D.)

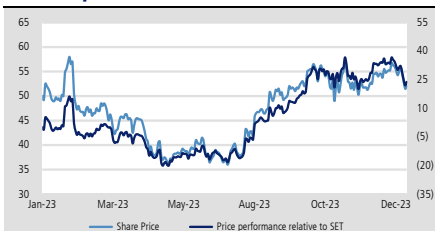
Trading data

Mkt cap (Btmn/US\$mn)	61,469/1,537
Outstanding shares (mn)	1,182
Foreign ownership (mn)	220
3M avg. daily trading (mn)	9
52-week trading range (Bt)	36.0 – 58.00
Performance (%)	3M 6M 12M
Absolute	-5.9 44.4 6.7
Relative	-4.9 51.5 27.0

Quarterly EPS

EPS	Q1	Q2	Q3	Q4
2021	0.43	0.52	0.51	0.60
2022	0.50	0.49	0.56	0.42
2023	0.29	0.32	0.44	

Share price chart



Source: SET

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ประมาณการ 4Q66F: น่าจะดีขึ้นเล็กน้อย

Event

ประมาณการ 4Q66F และ อัปเดตแนวโน้มของบริษัท

Impact

ประมาณการ 4Q66F: กำไรจากธุรกิจหลักจะเพิ่มขึ้นทั้ง YoY และ QoQ

เราคาดว่ากำไรจากธุรกิจหลักของ KCE ใน 4Q66F จะอยู่ที่ 547 ล้านบาท (+8% YoY, +16% QoQ) จากยอดขายที่เพิ่มขึ้น (อุปสงค์ฟื้นตัวขึ้นหลังจากที่การจบรอบการผลิตคือไปแล้ว) และอัตรากำไรขั้นต้นที่เพิ่มขึ้น (เงินบาทอ่อนค่าลง และอัตราการใช้กำลังการผลิตดีขึ้น) ซึ่งจะส่งผลให้กำไรจากธุรกิจหลักในปี 2566F อยู่ที่ 1.7 พันล้านบาท (-28% YoY) สอดคล้องกับประมาณการกำไรเต็มปีของเรา ทั้งนี้ เราคาดว่ายอดขายใน 4Q66F จะอยู่ที่ 128 ล้านดอลลาร์ฯ (ทรงตัว YoY, +3% QoQ) เนื่องจากอุปสงค์ฟื้นตัวขึ้นหลังจากที่การจบรอบการผลิตคือไปแล้ว ซึ่งจะทำให้ยอดขายในปี 2566F อยู่ที่ 484 ล้านดอลลาร์ฯ (-9% YoY) สอดคล้องกับประมาณการยอดขายเต็มปีของเรา นอกจากนี้ เรายังคาดว่าอัตรากำไรขั้นต้นจะฟื้นตัวที่ 23.0% เพราะได้แรงหนุนจากอัตราการใช้กำลังการผลิตที่ดีขึ้น ซึ่งจะทำให้อัตรากำไรขั้นต้นปี 2566F อยู่ที่ 21% (-1.7ppts YoY) ใกล้เคียงกับประมาณการเต็มปีของเรา

มีความไม่แน่นอนอยู่บ้างในกลุ่มยานยนต์

จากบทวิเคราะห์กลยุทธ์ของ KGI Taiwan เรื่อง *Automotive sector: Many automotive themes, but EV, ADAS, & smart cockpit megatrends driving growth* ที่เผยแพร่เมื่อวันที่ 1 ธันวาคม 2566 ทางทีมวิจัยประเมินว่ายอดขายรถยนต์ทั้งโลกจะหดตัวลง 1% YoY ในปี 2567F จากภาวะเศรษฐกิจที่ไม่เอื้ออำนวย (อัตราดอกเบี้ยสูง และภาวะเศรษฐกิจมหภาคอ่อนแอลง) และ สะท้อนการปรับประมาณการการเติบโตของยอดขาย EV โดยคาดว่ายอดขาย EV ทั้งโลกจะเพิ่มขึ้น 25% YoY ซึ่งปรับลงมาจาก 32% YoY (penetration rate อยู่ที่ 19%) ซึ่งคาดว่ายอดขายในจีน, EU และสหรัฐจะเพิ่มขึ้น 21%, 18% และ 40% ตามลำดับในปี 2567F โดยคาดว่า penetration rate จะอยู่ที่ 32%, 25% และ 11% อย่างใกล้เคียงตาม ความไม่แน่นอนในอุตสาหกรรมยานยนต์ทำให้แนวโน้มของ KCE เผชิญความท้าทายมากขึ้น เพราะ 70% ของรายได้รวมของบริษัทเกี่ยวข้องกับกลุ่มยานยนต์ เราใช้สมมติฐานอัตราการเติบโตของยอดขายปี 2567F ที่ 7% YoY ในขณะที่ยังคงเป้าไว้ที่เลขหลักเดียวสูง ๆ ถึงสิบคน ๆ

Valuation & action

เรายังคงคำแนะนำ "ถือ" KCE และประเมินราคาเป้าหมายสิ้นปี 2567 ที่ 49.00 บาท อิงจาก PER ที่ 29.0x (ค่าเฉลี่ยในอดีต +0.5 S.D.)

Risks

ภัยธรรมชาติ, มีการปิดโรงงานนอกแผน, ลูกค้าเปลี่ยนไปสั่งซื้อสินค้าจาก supplier รายอื่น, ขาดแคลนวัตถุดิบ, เงินบาทแข็งค่าขึ้น (เราใช้สมมติฐานอัตราแลกเปลี่ยนปี 2566-67 ที่ 33.80 บาท/ดอลลาร์ฯ)

Key financials and valuations

Year end Dec 31	Dec-20A	Dec-21A	Dec-22A	Dec-23F	Dec-24F
Revenue (Btmn)	11,527	14,938	18,456	16,529	17,683
Gross profit (btmn)	2,512	3,973	4,202	3,515	4,004
SG&A (Btmn)	1,449	1,656	1,898	1,868	1,998
Net profit (Btmn)	1,127	2,426	2,317	1,721	2,011
Normalized profit (Btmn)	1,018	2,237	2,302	1,633	2,011
EPS (Bt)	0.96	2.05	1.96	1.46	1.70
Normalized EPS (Btmn)	0.86	1.89	1.95	1.38	1.70
DPS (Btmn)	0.8	1.6	1.7	1.2	1.4
EPS growth (%)	20.0	114.7	(4.5)	(25.7)	16.9
Normalized EPS growth (%)	15.3	119.0	2.9	(29.1)	23.1
P/E (X)	48.0	46.5	26.4	37.3	30.3
P/B (X)	4.1	7.7	4.5	4.5	4.4
EV/EBITDA (X)	21.3	28.5	17.6	20.1	18.4
Net debt to Equity (%)	0.0	12.6	19.9	9.7	7.9
Dividend yield (%)	1.9	1.8	3.2	2.3	2.8
Return on Equity (%)	9.5	19.0	17.2	12.8	14.7

Source: Company data, KGI Securities Research

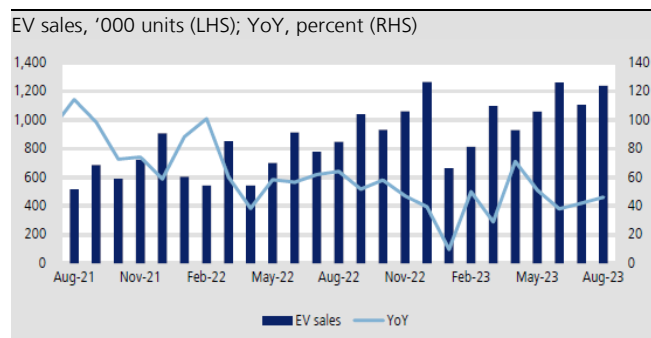
*The Company may be issuer of Derivative Warrants on these securities.

<http://research.kgi.com>; Bloomberg: KGI <GO> Please see back page for disclaimer

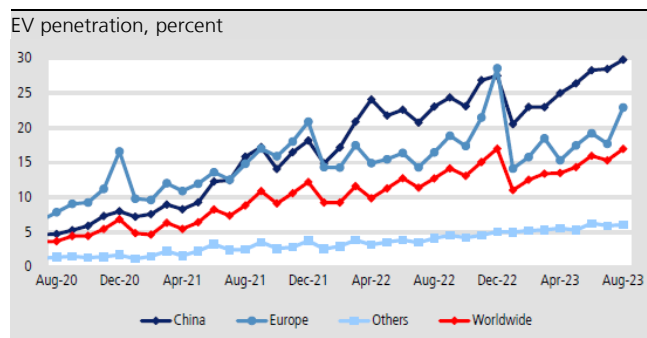
Figure 1: KCE's 4Q23F earnings preview

Btmn	4Q23F	4Q22	%YoY	3Q23	%QoQ	2023	2022	%YoY
Revenue from sales	4,548	4,623	(1.6)	4,326	5.1	16,797	18,456	(9.0)
Cost of goods sold	3,502	3,645	(3.9)	3,375	3.8	13,265	14,254	(6.9)
Gross profit	1,046	978	7.0	951	10.0	3,532	4,202	(15.9)
SG&A expense	487	467	4.2	458	6.3	1,840	1,898	(3.0)
EBIT	616	562	9.5	588	4.7	2,038	2,562	(20.4)
Non-op inc/(exp)	0	(7)	(100.0)	49	(100.0)	136	15	813.4
Net profit	547	501	9.2	520	5.2	1,788	2,317	(22.8)
Normalized profit	547	507	7.8	471	16.1	1,652	2,302	(28.3)
EPS (Bt)	0.46	0.42	9.2	0.44	5.2	1.52	1.97	(22.8)
Normalized EPS (Bt)	0.46	0.43	7.8	0.40	16.1	1.40	1.95	(28.3)
Percent	4Q23F	4Q22	YoY ppts	3Q23	QoQ ppts	2023	2022	YoY ppts
Gross margin	23.0	21.2	1.8	22.0	1.0	21.0	22.8	(1.7)
SG&A to sales	10.7	10.1	0.6	10.6	0.1	11.0	10.3	0.7
EBIT margin	13.5	12.2	1.4	13.6	(0.1)	12.1	13.9	(1.7)
Net margin	12.0	10.8	1.2	12.0	0.0	10.6	12.6	(1.9)
Assumption	4Q23F	4Q22	%YoY	3Q23	%QoQ	2023	2022	YoY ppts
Sales in US\$m	128	128	(0.4)	124	3.3	484	530	(8.6)
FX	35.6	36.0	(1.2)	35.0	1.7			

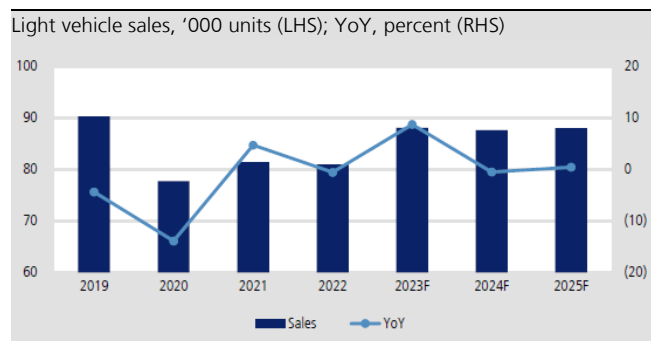
Source: KGI Securities Research

Figure 2: Global EV sales rose 46% YoY to 1.24mn units in August


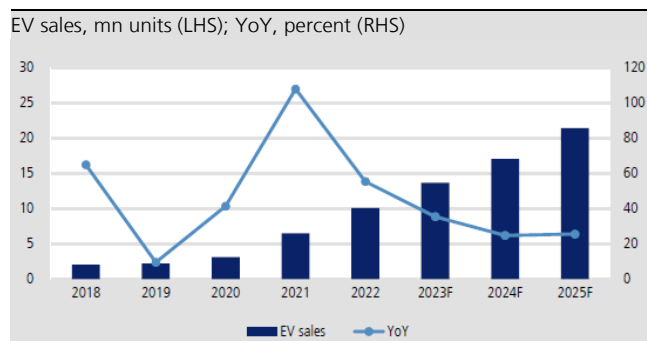
Source: EV-Volumes; KGI Securities Research (Taiwan)

Figure 3: Global EV penetration rate was 17% in August


Source: EV-Volume, KGI Securities Research (Taiwan)

Figure 4: Global auto sales to decrease 1% YoY in 2024F


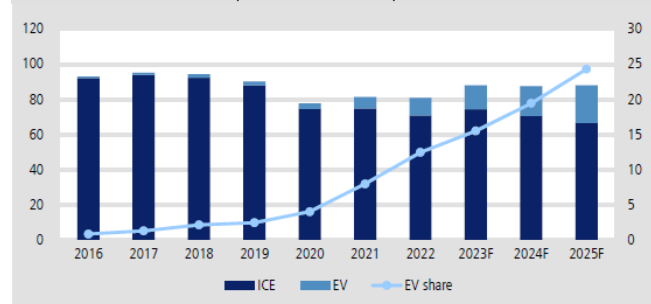
Source: Global Data; KGI Securities Research (Taiwan)

Figure 5: EV sales projected to grow 25% YoY in 2024F


Source: EV-Volume, KGI Securities Research (Taiwan)

Figure 6: Global EV penetration to reach 24% by 2025F

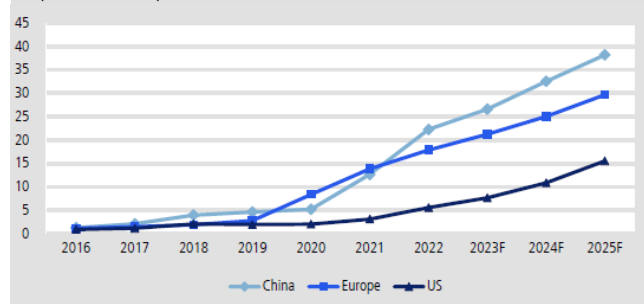
sales, mn units (LHS); EV penetration rate, percent (RHS)



Source: LMC Automotive; KGI Securities Research (Taiwan)

Figure 7: EV to gain traction in major markets

EV penetration, percent



Source: LMC Automotive; EV-Volume, KGI Securities Research (Taiwan)

Figure 8: Key assumptions

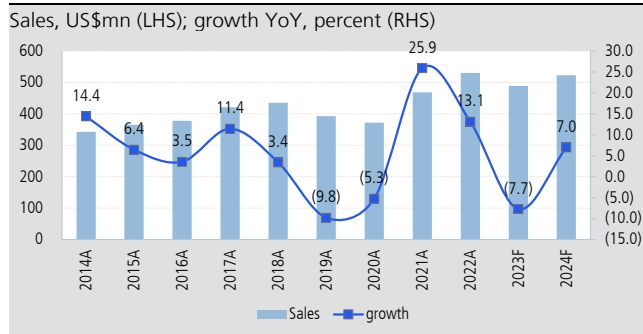
Assumption	Unit	2015	2016	2017	2018	2019	2020	2021	2022	2023F	2024F
Sales	US\$mn	365	378	421	436	393	372	469	530	489	523
Sales growth	%YoY	6.4	3.5	11.4	3.4	(9.8)	(5.3)	25.9	13.1	(7.7)	7.0
Gross margin	Percent	31.4	34.9	30.0	26.0	20.3	21.8	26.6	22.8	21.3	22.6
Exchange rate	Bt/US\$	34.1	36.5	33.7	32.1	30.8	31.0	31.9	34.8	33.8	33.8

Source: KGI Securities Research

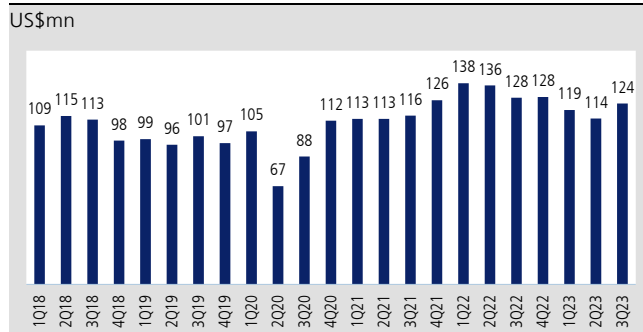
Figure 9: Company profile

KCE Electronics PCL (KCE), originally known as Kuang Charoen Electronics Company Limited, was listed on November 5, 1985, with initial registered capital of Bt12mn. The company's core business is to produce and distribute custom printed circuit boards (PCBs), which are manufactured from copper clad laminate under the KCE trademark. KCE's PCB products are well-known and used in a variety of applications such as automotive, industrial, computer, and telecom system. Its customers include some of the world's biggest names.

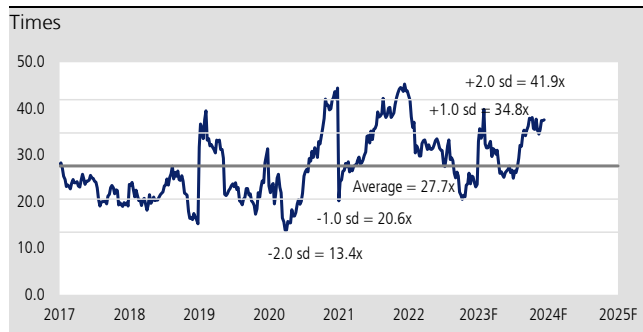
Source: Company data

Figure 11: Sales assumption


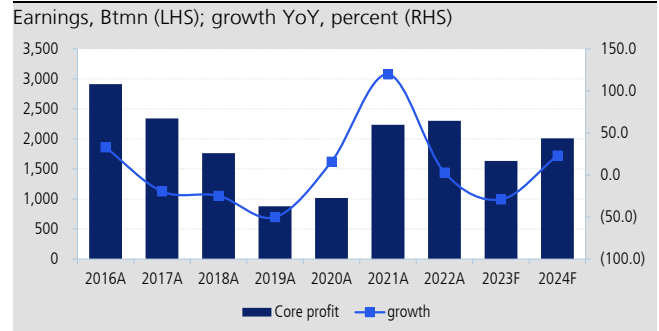
Source: Company data, KGI Securities Research

Figure 13: Sales quarterly


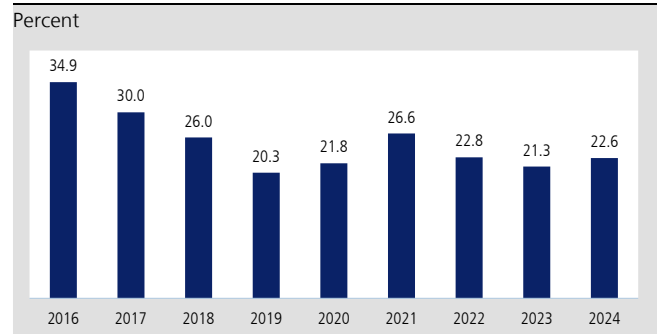
Source: Company data, KGI Securities Research

Figure 15: PER Band


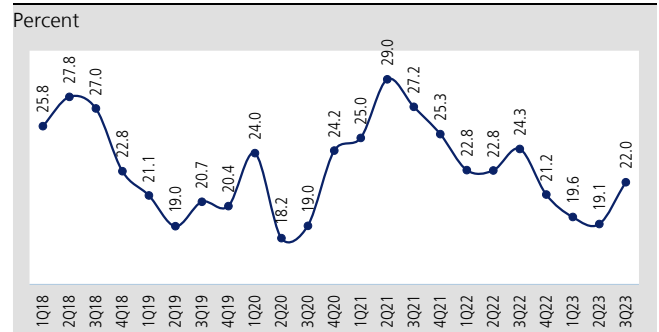
Source: KGI Securities Research

Figure 10: Core profit


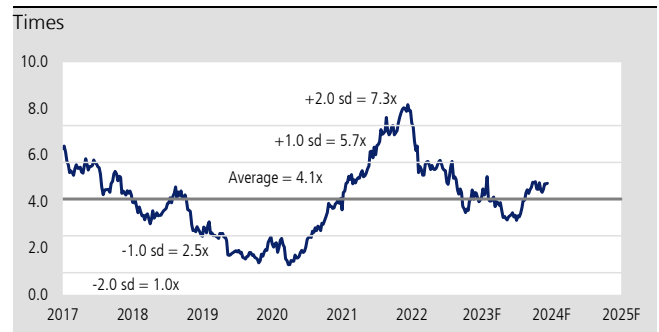
Source: Company data, KGI Securities Research

Figure 12: Gross margin assumption


Source: Company data, KGI Securities Research

Figure 14: Gross margin


Source: Company data, KGI Securities Research

Figure 16: PBV Band


Source: KGI Securities Research

Quarterly Income Statement

	Mar-21A	Jun-21A	Sep-21A	Dec-21A	Mar-22A	Jun-22A	Sep-22A	Dec-22A	Mar-23A	Jun-23A	Sep-23A
Income Statement (Btmn)											
Revenue	3,415	3,536	3,789	4,198	4,532	4,667	4,634	4,623	4,025	3,898	4,326
Cost of good sold	2,560	2,509	2,760	3,136	3,498	3,603	3,509	3,645	3,236	3,152	3,375
Gross profit	855	1,027	1,029	1,062	1,035	1,064	1,125	978	789	746	951
Operating expense	402	457	395	401	479	450	501	467	480	415	458
Other income	40	64	27	72	53	63	54	54	56	45	42
Operating profit	492	633	661	733	609	677	678	565	365	376	535
Depreciation of fixed asset	251	254	258	219	259	268	276	236	272	278	277
Operating EBITDA	743	887	918	952	868	945	954	801	637	653	812
Non-Operating income	0	0	0	0	0	0	0	0	0	0	0
Interest income	0	0	0	0	0	0	0	0	0	0	0
Other non-op. income	0	0	0	0	0	0	0	0	0	0	0
Non-Operating expense	(10)	(13)	(9)	(12)	18	22	2	(24)	(24)	(29)	(27)
Interest expense	(10)	(13)	(9)	(12)	(12)	(17)	(19)	(24)	(24)	(29)	(27)
Other non-op. expense	0	0	0	0	30	39	22	0	0	0	0
Equity income	4	4	4	5	5	4	5	4	5	3	4
Pre-tax profit	559	684	658	781	634	635	683	538	377	406	561
Current taxation	(49)	(56)	(45)	(71)	(35)	(54)	(22)	(32)	(25)	(24)	(33)
Minorities	7	11	9	9	10	9	5	6	6	6	8
Extra items	73	59	2	55	62	10	41	(7)	31	56	49
Net profit	503	618	604	701	589	572	655	501	345	376	520
Normalized profit	430	559	602	646	557	602	636	507	314	320	471
EPS (Bt)	0.4	0.5	0.5	0.6	0.5	0.5	0.6	0.4	0.3	0.3	0.4
Normalized EPS (Bt)	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.4
Margin (%)											
Gross profit margin	25.0	29.0	27.2	25.3	22.8	22.8	24.3	21.2	19.6	19.1	22.0
Operating EBIT margin	14.4	17.9	17.4	17.5	13.4	14.5	14.6	12.2	9.1	9.6	12.4
Operating EBITDA margin	21.8	25.1	24.2	22.7	19.2	20.2	20.6	17.3	15.8	16.8	18.8
Net profit margin	14.7	17.5	15.9	16.7	13.0	12.3	14.1	10.8	8.6	9.7	12.0
Growth (%YoY)											
Revenue growth	4.8	66.2	39.2	22.8	32.7	32.0	22.3	10.1	(11.2)	(16.5)	(6.6)
Operating EBIT growth	31.4	347.2	182.4	75.0	23.7	6.9	2.6	(22.9)	(40.2)	(44.5)	(21.0)
Operating EBITDA growth	16.8	120.4	85.7	47.7	16.9	6.5	3.9	(15.9)	(26.7)	(30.8)	(14.9)
Net profit growth	18.5	766.0	141.6	84.2	17.1	(7.4)	8.5	(28.6)	(41.4)	(34.2)	(20.7)
Normalized profit growth	24.1	330.5	234.4	78.6	29.5	7.7	5.7	(21.5)	(43.6)	(46.8)	(26.0)

Source: Company data, KGI Securities Research

Balance Sheet

As of 31 Dec (Btmn)	2020	2021	2022	2023F	2024F
Total Assets	17,377	21,951	20,993	20,566	20,497
Current Assets	8,185	11,794	11,079	10,860	10,887
Cash&ST Investment	2,342	1,966	1,145	1,761	1,236
Inventories	2,594	4,841	4,908	4,457	4,684
Account Receivable	3,174	4,394	4,900	4,528	4,845
Other	74	592	127	115	122
Non-current Assets	9,192	10,157	9,914	9,706	9,610
LT Investment	187	195	190	187	189
Net Fixed Assets	8,107	8,979	8,864	8,715	8,584
Others	898	983	860	804	837
Total Liabilities	5,315	8,509	7,548	7,072	6,542
Current liabilities	4,216	6,948	6,244	6,552	6,163
Account Payable	2,458	4,246	3,249	3,565	3,748
ST borrowing	1,283	1,798	2,173	2,173	2,173
Others	475	904	822	814	243
Long-term liabilities	1,099	1,561	1,305	521	378
Long-term debts	676	1,117	904	165	0
Others	423	444	401	356	378
Shareholders' Equity	12,062	13,442	13,445	13,493	13,955
Common stock	589	591	591	591	591
Capital surplus	2,050	2,146	2,157	2,157	2,157
Retained earnings	9,375	10,621	10,616	10,664	11,126
Preferred stock	0	0	0	0	0

Source: KGI Securities Research

Key Ratios

Year to 31 Dec	2020	2021	2022	2023F	2024F
Growth (%YoY)					
Sales	(4.7)	29.6	23.6	(10.4)	7.0
OP	19.7	115.5	0.4	(26.9)	20.1
EBITDA	10.8	61.5	(2.9)	(13.9)	8.7
NP	20.6	115.3	(4.5)	(25.7)	16.9
Normalized profit	15.8	119.7	2.9	(29.1)	23.1
EPS	20.0	114.7	(4.5)	(25.7)	16.9
Normalized EPS	15.3	119.0	2.9	(29.1)	23.1
Profitability (%)					
Gross margin	21.8	26.6	22.8	21.3	22.6
Operating margin	10.1	16.9	13.7	11.2	12.6
EBITDA margin	19.9	24.8	19.5	18.8	19.1
Net margin	9.8	16.2	12.6	10.4	11.4
ROAA	6.7	12.3	10.8	8.3	9.8
ROAE	9.5	19.0	17.2	12.8	14.7
Stability					
Gross debt/equity (%)	44.1	63.3	56.1	52.4	46.9
Net debt/equity (%)	0.0	12.6	19.9	9.7	7.9
Interest coverage (x)	22.4	62.4	35.5	19.8	29.9
Interest&ST debt coverage (x)	1.0	1.5	1.1	0.9	1.0
Cash flow interest coverage (x)	43.1	27.7	30.5	40.4	37.3
Cash flow/interest&ST debt (x)	1.9	0.7	1.0	1.8	1.2
Current ratio (x)	1.9	1.7	1.8	1.7	1.8
Quick ratio (x)	1.3	1.0	1.0	1.0	1.0
Net debt (Btmn)	4	1,689	2,670	1,316	1,101
Per share data (Bt)					
EPS	1.0	2.1	2.0	1.5	1.7
Normalized EPS	0.9	1.9	1.9	1.4	1.7
CFPS	2.1	1.0	1.9	3.4	2.4
BVPS	10.2	11.4	11.4	11.4	11.8
Sales/share	9.8	12.6	15.6	14.0	15.0
EBITDA/share	1.9	3.1	3.0	2.6	2.9
DPS	0.8	1.6	1.7	1.2	1.4
Activity					
Asset turnover (x)	0.7	0.7	0.9	0.8	0.9
Days of receivables	101	107	97	100	100
Days of inventory	105	161	126	125	125
Days of payable	100	141	83	100	100
Cash cycle	106	127	139	125	125

Source: KGI Securities Research

Profit & Loss

Year to Dec 31 (Btmn)	2020	2021	2022	2023F	2024F
Revenue	11,527	14,938	18,456	16,529	17,683
Cost of good sold	9,015	10,965	14,254	13,013	13,678
Gross profit	2,512	3,973	4,202	3,515	4,004
Operating expense	1,449	1,656	1,898	1,868	1,998
Other income	106	202	224	201	215
Operating Profit	1,169	2,519	2,529	1,849	2,221
Depreciation of fixed asset	1,009	982	1,039	1,149	1,131
Operating EBITDA	2,178	3,501	3,568	2,997	3,353
Non-operating income	0	0	0	0	0
Interest income	0	0	0	0	0
Other non-op income	0	0	0	0	0
Non-operating expense	(57)	(44)	(163)	(99)	(75)
Interest expense	(57)	(44)	(72)	(99)	(75)
Other non-op expense	0	0	(91)	0	0
Equity income/(loss)	10	17	19	17	18
Pretax profit	1,230	2,683	2,490	1,854	2,164
Current taxation	(87)	(221)	(144)	(107)	(125)
Minorities	16	35	29	26	28
Extra item	109	190	106	87	0
Net profit	1,127	2,426	2,317	1,721	2,011
Normalized profit	1,018	2,237	2,302	1,633	2,011
EPS (Bt)	0.96	2.05	1.96	1.46	1.70
Normalized EPS (Bt)	0.86	1.89	1.95	1.38	1.70

Source: KGI Securities Research

Cash Flow

Year to Dec 31 (Btmn)	2020	2021	2022	2023F	2024F
Operating cash flow	2,480	1,210	2,198	3,986	2,794
Net profit	1,127	2,426	2,317	1,721	2,011
Depreciation&Amortization	1,009	982	1,039	1,149	1,131
Change in working capital	344	(2,198)	(1,159)	1,117	(348)
Others					
Investment cash flow	(562)	(1,855)	(861)	(955)	(1,027)
Net CAPEX	(197)	(1,854)	(924)	(1,000)	(1,000)
Change in LT investment	12	(8)	5	4	(2)
Change in other assets	11	35	42	0	0
Free cash flow	1,918	(645)	1,337	3,031	1,767
Financing cash flow	(533)	268	(2,158)	(2,415)	(2,292)
Change in share capital	3	2	0	0	0
Net change in debt	294	1,314	156	(743)	(743)
Change in other liabs	(829)	(1,048)	(2,314)	(1,673)	(1,549)
Net cash flow	1,385	(377)	(821)	616	(524)

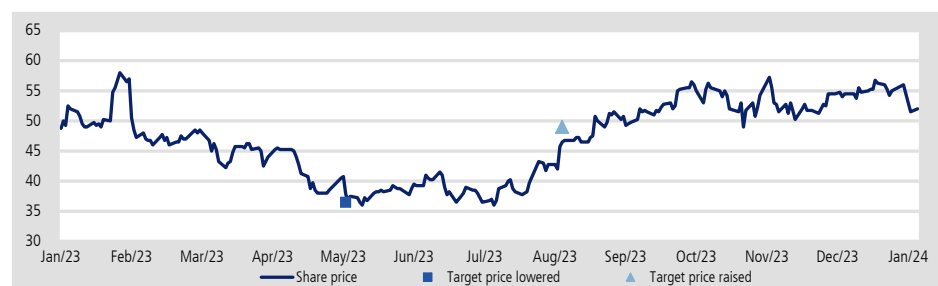
Source: KGI Securities Research

Rates of Return on Invested Capital

Year	1- $\frac{\text{COGS}}{\text{Revenue}}$	+ $\frac{\text{Depreciation}}{\text{Revenue}}$	+ $\frac{\text{Operating expense}}{\text{Revenue}}$	=	Operating margin
2020	78.2%	8.8%	12.6%		0.5%
2021	73.4%	6.6%	11.1%		8.9%
2022	77.2%	5.6%	10.3%		6.9%
2023F	78.7%	6.9%	11.3%		3.0%
2024F	77.4%	6.4%	11.3%		4.9%
Year	1/ $\frac{\text{Working capital}}{\text{Revenue}}$	+ $\frac{\text{Net PPE}}{\text{Revenue}}$	+ $\frac{\text{Other assets}}{\text{Revenue}}$	=	Capital Turnover
2020	0.0	0.7	0.8		0.7
2021	(0.1)	0.6	0.9		0.8
2022	(0.1)	0.5	0.7		0.9
2023F	0.1	0.5	0.7		0.8
2024F	(0.0)	0.5	0.7		0.9
Year	1/ $\frac{\text{Operating margin}}{\text{Revenue}}$	x $\frac{\text{Capital turnover}}{\text{Revenue}}$	x $\frac{\text{Cash tax rate}}{\text{Revenue}}$	=	After-tax return on Inv. capital
2020	0.5%	0.7	7.1%		0.0%
2021	8.9%	0.8	8.3%		0.6%
2022	6.9%	0.9	5.8%		0.4%
2023F	3.0%	0.8	5.8%		0.1%
2024F	4.9%	0.9	5.8%		0.3%

Source: KGI Securities Research

KCE Electronics PCL - Recommendation & target price history



Date	Rating	Target	Price
10-Aug-23	Neutral	49.00	46.50
10-May-23	Neutral	36.50	37.75
30-Mar-23	Neutral	43.00	46.25
8-Feb-23	Underperform	43.00	50.50

Source: KGI Securities Research

SET ESG Ratings

Stock	Company name	SET ESG Ratings	Stock	Company name	SET ESG Ratings
ADVANC	ADVANCED INFO SERVICE	AAA	KTC	KRUNGTHAI CARD	AAA
AMATA	AMATA CORPORATION	AAA	LH	LAND AND HOUSES	A
AOT	AIRPORTS OF THAILAND	A	MAJOR	MAJOR CINEPLEX GROUP	AA
AP	AP (THAILAND)	AA	MEGA	MEGA LIFESCIENCES	A
BAFS	BANGKOK AVIATION FUEL SERVICES PCL.	AA	MINT	MINOR INTERNATIONAL	AA
BAM	BANGKOK COMMERCIAL ASSET MANAGEMENT	AA	MTC	MUANGTHAI CAPITAL	A
BANPU	BANPU	AAA	OR	PTT OIL AND RETAIL BUSINESS	AAA
BBGI	BBGI	AA	ORI	ORIGIN PROPERTY	AA
BBL	BANGKOK BANK	AA	OSP	OSOTSPA	AA
BCH	BANGKOK CHAIN HOSPITAL	AA	PLANB	PLAN B MEDIA	AA
BCP	BANGCHAK CORPORATION	AAA	PSH	PRUKSA HOLDING	BBB
BCPG	BCPG	AA	PTT	PTT	AAA
BDMS	BANGKOK DUSIT MEDICAL SERVICES	AA	PTTEP	PTT EXPLORATION AND PRODUCTION	AAA
BEM	BANGKOK EXPRESSWAY AND METRO	AA	PTTGC	PTT GLOBAL CHEMICAL	AAA
BGRIM	B. GRIMM POWER	AAA	RATCH	RATCH GROUP	AA
BPP	BANPU POWER	AAA	RBF	R&B FOOD SUPPLY	BBB
BTS	BTS GROUP HOLDINGS	AA	SAK	SAKSIAAM LEASING	A
CBG	CARABAO GROUP	A	SAPPE	SAPPE	BBB
CENTEL	CENTRAL PLAZA HOTEL	A	SAT	SOMBOON ADVANCE TECHNOLOGY	AA
CK	CH. KARNCHANG	A	SAWAD	SRISAWAD CORPORATION	BBB
CKP	CK POWER	AAA	SCB	SCB X	AA
COM7	COM7	A	SCC	THE SIAM CEMENT	AAA
CPALL	CP ALL	AAA	SCCC	SIAM CITY CEMENT	AA
CPAXT	CP AXTRA	AAA	SCGP	SCG PACKAGING	AAA
CPF	CHAROEN POKPHAND FOODS	AAA	SHR	S HOTELS AND RESORTS	A
CPN	CENTRAL PATTANA	AA	SICT	SILICON CRAFT TECHNOLOGY	A
EGCO	ELECTRICITY GENERATING	AA	SMPC	SAHAMITR PRESSURE CONTAINER	AA
ERW	THE ERWAN GROUP	A	SNC	SNC FORMER	A
GFPT	GFPT	BBB	SPALI	SUPALAI	AA
GLOBAL	SIAM GLOBAL HOUSE	AA	STEC	SINO-THAI ENGINEERING AND CONSTRUCTION	A
GPSC	GLOBAL POWER SYNERGY	AA	STGT	SRI TRANG GLOVES (THAILAND)	AAA
GULF	GULF ENERGY DEVELOPMENT	AA	TCAP	THANACHART CAPITAL	A
HANA	HANA MICROELECTRONICS	AA	TFG	THAIFOODS GROUP	A
HENG	HENG LEASING AND CAPITAL	A	THCOM	THAICOM	AAA
HMPRO	HOME PRODUCT CENTER	AA	TISCO	TISCO FINANCIAL GROUP	AAA
INTUCH	INTOUCH HOLDINGS	AA	TOP	THAI OIL	AAA
IRPC	IRPC	AA	TTB	TMBTHANACHART BANK	AA
IVL	INDORAMA VENTURES	AA	UBE	UBON BIO ETHANOL	A
KBANK	KASIKORNBANK	AAA	VGI	VGI	AA
KEX	KERRY EXPRESS (THAILAND)	BBB	WHA	WHA CORPORATION	AAA
KKP	KIATNAKIN PHATRA BANK	BBB	WHAUP	WHA UTILITIES AND POWER	AAA
KTB	KRUNG THAI BANK	AAA	ZEN	ZEN CORPORATION GROUP	AA

Source: www.setsustainability.com

Disclaimer: The disclosure of the Anti-Corruption Progress Indicators of a listed company on the Stock Exchange of Thailand, which is assessed by the relevant institution as disclosed by the Office of the Securities and Exchange Commission, is made in order to comply with the policy and sustainable development plan for the listed companies. The relevant institution made this assessment based on the information received from the listed company, as stipulated in the form for the assessment of Anti-corruption which refers to the Annual Registration Statement (Form 56-1), Annual Report (Form 56-2), or other relevant documents or reports of such listed company. The assessment result is therefore made from the perspective of a third party. It is not an assessment of operation and is not based on any inside information. Since this assessment is only the assessment result as of the date appearing in the assessment result, it may be changed after that date or when there is any change to the relevant information. Nevertheless, KGI Securities (Thailand) Public Company Limited (KGI) does not confirm, verify, or certify the accuracy and completeness of the assessment result.

Corporate Governance Report of Thai Listed Companies



Companies with Excellent CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
AAV	ASIA AVIATION	GLOBAL	SIAM GLOBAL HOUSE	RATCH	RATCH GROUP
ADVANC	ADVANCED INFO SERVICE	GPSC	GLOBAL POWER SYNERGY	RBF	R&B FOOD SUPPLY
AMA	AMA MARINE	GULF	GULF ENERGY DEVELOPMENT	SAT	SOMBOON ADVANCE TECHNOLOGY
AMATA	AMATA CORPORATION	HANA	HANA MICROELECTRONICS	SCB	SCB X
ANAN	ANANDA DEVELOPMENT	HENG	HENG LEASING AND CAPITAL	SCC	THE SIAM CEMENT
AOT	AIRPORTS OF THAILAND	HMPRO	HOME PRODUCT CENTER	SCCC	SIAM CITY CEMENT
AP	AP (THAILAND)	INTUCH	INTOUCH HOLDINGS	SCGP	SCG PACKAGING
BAFS	BANGKOK AVIATION FUEL SERVICES PCL.	IRPC	IRPC	SEAFCO	SEAFCO
BAM	BANGKOK COMMERCIAL ASSET MANAGEMENT	IVL	INDORAMA VENTURES	SHR	S HOTELS AND RESORTS
BANPU	BANPU	KBANK	KASIKORNBANK	SICT	SILICON CRAFT TECHNOLOGY
BBL	BANGKOK BANK	KCE	KCE ELECTRONICS	SMPC	SAHAMITR PRESSURE CONTAINER
BCP	BANGCHAK CORPORATION	KEX	KERRY EXPRESS (THAILAND)	SNC	SNC FORMER
BCPG	BCPG	KKP	KIATNAKIN PHATRA BANK	SPALI	SUPALAI
BDMS	BANGKOK DUSIT MEDICAL SERVICES	KTB	KRUNG THAI BANK	SPRC	STAR PETROLEUM REFINING
BEM	BANGKOK EXPRESSWAY AND METRO	KTC	KRUNGTHAI CARD	STEC	SINO-THAI ENGINEERING AND CONSTRUCTION
BGRIM	B. GRIMM POWER	LPN	L.P.N. DEVELOPMENT	STGT	SRI TRANG GLOVES (THAILAND)
BPP	BANPU POWER	MAJOR	MAJOR CINEPLEX GROUP	SUN	SUNSWEET
BTS	BTS GROUP HOLDINGS	MBK	MBK	SVI	SVI
CENTEL	CENTRAL PLAZA HOTEL	MINT	MINOR INTERNATIONAL	TACC	T.A.C. CONSUMER
CK	CH. KARNCHANG	MTC	MUANGTHAI CAPITAL	TCAP	THANACHART CAPITAL
CKP	CK POWER	OR	PTT OIL AND RETAIL BUSINESS	THCOM	THAICOM
COM7	COM7	ORI	ORIGIN PROPERTY	TISCO	TISCO FINANCIAL GROUP
CPALL	CP ALL	OSP	OSOTSPA	TKN	TAOKAENOI FOOD & MARKETING
CPAXT	CP AXTRA	PLANB	PLAN B MEDIA	TOP	THAI OIL
CPF	CHAROEN POKPHAND FOODS	PSH	PRUKSA HOLDING	TTB	TMBTHANACHART BANK
CPN	CENTRAL PATTANA	PTG	PTG ENERGY	TU	THAI UNION GROUP
DELTA	DELTA ELECTRONICS (THAILAND)	PTT	PTT	VGI	VGI
DOHOM	DOHOME	PTTEP	PTT EXPLORATION AND PRODUCTION	WHA	WHA CORPORATION
EGCO	ELECTRICITY GENERATING	PTTGC	PTT GLOBAL CHEMICAL	WHAUP	WHA UTILITIES AND POWER
GFPT	GFPT	PYLON	PYLON	ZEN	ZEN CORPORATION GROUP
GGC	GLOBAL GREEN CHEMICALS	QH	QUALITY HOUSES		



Companies with Very Good CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
AEONTS	AEON THANA SINSAP (THAILAND)	JMT	JMT NETWORK SERVICES	SFT	SHRINKFLEX (THAILAND)
BCH	BANGKOK CHAIN HOSPITAL	LH	LAND AND HOUSES	SINGER	SINGER THAILAND
BEC	BEC WORLD	M	MK RESTAURANT GROUP	SMD	SAINTMED
BH	BUMRUNGRAD HOSPITAL	MEGA	MEGA LIFE SCIENCES	SNNP	SRINANAPORN MARKETING
CBG	CARABAO GROUP	NETBAY	NETBAY	SPA	SIAM WELLNESS GROUP
CHG	CHULARAT HOSPITAL	PJW	PANJAWATTANA PLASTIC	TFG	THAIFOODS GROUP
ERW	THE ERAWAN GROUP	SAK	SAKSIAI LEASING	TIDLOR	NGERN TID LOR
ESSO	ESSO (THAILAND)	SAPPE	SAPPE	TNP	THANAPIRIYA
HUMAN	HUMANICA	SAWAD	SRI SAWAD CORPORATION	UBE	UBON BIO ETHANOL
IIG	I&I GROUP	SFLEX	STARFLEX	XO	EXOTIC FOOD



Companies with Good CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
AU	AFTER YOU	LPH	LADPRAO GENERAL HOSPITAL	TPCH	TPC POWER HOLDING
EKH	EKACHAI MEDICAL CARE	MENA	MENA TRANSPORT		
JMART	JAYMART GROUP HOLDINGS	SISB	SISB		

Companies classified Not in the three highest score groups

Stock	Company name	Stock	Company name	Stock	Company name
BBGI	BBGI	NTSC	Nutrition SC	TGE	THACHANG GREEN ENERGY
BTG	BETAGRO	PLT	Pilatus Marine		
ITC	i-Tail Corporation	PQS	Premier Quality Starch		

Source: www.thai-iod.com

Disclaimer: The disclosure of the survey result of the Thai Institute of Directors Association ("IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an assessment of operation and is not based on inside information. The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey result may be changed after that date or when there is any change to the relevant information. Nevertheless, KGI Securities (Thailand) Public Company Limited (KGI) does not confirm, verify, or certify the accuracy and completeness of such survey result.

Anti-corruption Progress Indicator

Level 5: Extended

Stock	Company name	Stock	Company name	Stock	Company name
ADVANC	ADVANCED INFO SERVICE	GLOBAL	SIAM GLOBAL HOUSE	QH	QUALITY HOUSES
ANAN	ANANDA DEVELOPMENT	GPSC	GLOBAL POWER SYNERGY	RATCH	RATCHABURI ELECTRICITY GENERATING HOLDING
BBL	BANGKOK BANK	HMPRO	HOME PRODUCT CENTER	ROBINS	ROBINSON DEPARTMENT STORE
BCH	BANGKOK CHAIN HOSPITAL	IRPC	IRPC	SCC	THE SIAM CEMENT
BDMS	BANGKOK DUSIT MEDICAL SERVICES	KBANK	KASIKORNBANK	SIRI	SANSIRI
BIGC	BIG C SUPERCENTER	KCE	KCE ELECTRONICS	SPALI	SUPALAI
CK	CH. KARNCHANG	KKP	KIATNAKIN BANK	STEC	SINO-THAI ENGINEERING AND CONSTRUCTION
DCC	DYNASTY CERAMIC	KTB	KRUNG THAI BANK	TCAP	THANACHART CAPITAL
DELTA	DELTA ELECTRONICS (THAILAND)	LPH	LADPRAO GENERAL HOSPITAL	TISCO	TISCO FINANCIAL GROUP
DRT	DIAMOND ROOFING TILES	PACE	PACE DEVELOPMENT CORPORATION	TMT	THAI METAL TRADE
EGCO	ELECTRICITY GENERATING	PTT	PTT	TOP	THAI OIL
GFPT	GFPT	PTTGC	PTT GLOBAL CHEMICAL		

Level 4: Certified

Stock	Company name	Stock	Company name	Stock	Company name
AAV	ASIA AVIATION	ERW	THE ERWAN GROUP	SAPPE	SAPPE
AP	ASIAN PROPERTY DEVELOPMENT	GLOW	GLOW ENERGY	SAWAD	SRISAWAD POWER 1979
BA	BANGKOK AIRWAYS	GUNKUL	GUNKUL ENGINEERING	SCB	THE SIAM COMMERCIAL BANK
BANPU	BANPU	ILINK	INTERLINK COMMUNICATION	SCN	SCAN INTER
BCP	THE BANGCHAK PETROLEUM	KTC	KRUNGTHAI CARD	SEAFICO	SEAFICO
BH	BUMRUNGRAD HOSPITAL	LH	LAND AND HOUSES	SVI	SVI
BJCHI	BJC HEAVY INDUSTRIES	LPN	L.P.N. DEVELOPMENT	TASCO	TIPCO ASPHALT
CBG	CARABAO GROUP	MAKRO	SIAM MAKRO	TKN	TAOKAENOI FOOD & MARKETING
CENDEL	CENTRAL PLAZA HOTEL	MALEE	MALEE SAMPRAN	TMB	TMB BANK
CHG	CHULARAT HOSPITAL	MINT	MINOR INTERNATIONAL	TRT	TIRATHAI
CKP	CK POWER	MODERN	MODERNFORM GROUP	TRUE	TRUE CORPORATION
CPF	CHAROEN POKPHAND FOODS	NOK	NOK AIRLINES	TVO	THAI VEGETABLE OIL
CPN	CENTRAL PATTANA	PTTEP	PTT EXPLORATION AND PRODUCTION		
DTAC	TOTAL ACCESS COMMUNICATION	PYLON	PYLON		

Level 3: Established

Stock	Company name	Stock	Company name	Stock	Company name
BEM	BANGKOK EXPRESSWAY AND METRO	MTLS	MUANGTHAI LEASING	SPRC	STAR PETROLEUM REFINING
CPALL	CP ALL	SCI	SCI ELECTRIC		

No progress

Stock	Company name	Stock	Company name	Stock	Company name
AOT	AIRPORTS OF THAILAND	BPP	BANPU POWER	FN	FN FACTORY OUTLET
BCPG	BCPG	BTS	BTS GROUP HOLDINGS	TPCH	TPC POWER HOLDING

Source: www.cgthailand.org

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KGI's Ratings

Rating	Definition
Outperform (OP)	The stock's excess return over the next twelve months is ranked in the top 40% of KGI's coverage universe in the related market (e.g. Taiwan)..
Neutral (N)	The stock's excess return over the next twelve months is ranked in the range between the top 40% and the bottom 40% of KGI's coverage universe in the related market (e.g. Taiwan)
Under perform (U)	The stock's excess return over the next twelve months is ranked in the bottom 40% of KGI's coverage universe in the related market (e.g. Taiwan).
Not Rated (NR)	The stock is not rated by KGI.
Restricted (R)	KGI policy and/or applicable law regulations preclude certain types of communications, including an investment recommendation, during the course of KGI's engagement in an investment banking transaction and in certain other circumstances. Excess return = 12M target price/current price-
Note	When an analyst publishes a new report on a covered stock, we rank the stock's excess return with those of other stocks in KGI's coverage universe in the related market. We will assign a rating based on its ranking. If an analyst does not publish a new report on a covered stock, its rating will not be changed automatically.

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