

# KCE Electronics

(KCE.BK/KCETB)\*

## Neutral • Maintained

Price as of 15 June 2023	40.25
12M target price (Bt/shr)	36.50
Unchanged/Revised up(down)(%)	Unchanged
Upside/downside (%)	(9.3)

### Key messages

เนื่องจากอุตสาหกรรมยานยนต์เริ่มแสดงสัญญาณการฟื้นตัวแล้ว เราจึงคาดว่ากำไรของ KCE น่าจะฟื้นตัวตามไปด้วยใน 2H66 เราจึงคงคำแนะนำ “ถือ” KCE และประเมินราคาเป้าหมายสิ้นปี 2566 ที่ 36.50 บาท อิงจาก PER ที่ 22.0x

### Trading data

Mkt cap (Btmn/US\$mn)	47,875/1,197
Outstanding shares (mn)	1,182
Foreign ownership (mn)	230
3M avg. daily trading (mn)	8
52-week trading range (Bt)	36.0 – 65.5
Performance (%)	3M 6M 12M
Absolute	-6.4 -14.3 -33.9
Relative	-6.1 -11.0 -33.8

### 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			

### Share price chart



Source: SET

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## รอจังหวะฟื้น

### Event

อัปเดตแนวโน้มบริษัท และประมาณการ 2Q66

### Impact

คาดว่าจะอุตสาหกรรมยานยนต์จะฟื้นตัวขึ้น

จากข้อมูลของ European Automobile manufacturers association (ACEA) ยอดจดทะเบียนรถยนต์นั่งส่วนบุคคลใน EU ในเดือนเมษายนเพิ่มขึ้นเป็นประมาณ 800,000 คัน (+17% YoY) ทำให้ยอดจดทะเบียนรถยนต์นั่งส่วนบุคคลในงวด 4M66 อยู่ที่ 3.5 ล้านคัน (+18% YoY); Figure 1 โดยยอดจดทะเบียนรถไฟฟ้าใหม่ใน EU อยู่ที่ 95,000 คัน คิดเป็นส่วนแบ่งตลาดที่ 11.8% (Figure 2) เพิ่มขึ้นจาก 9% ในช่วงเดียวกันของปีก่อน ซึ่งตัวเลขที่เพิ่มขึ้นนี้บ่งชี้ถึงการฟื้นตัวของตลาดรถยนต์หลัง COVID-19 และปัญหาการขาดแคลนวัตถุดิบที่คลี่คลายลงไปแล้ว ทั้งนี้ ผู้เชี่ยวชาญในระดับโลกคาดว่ายอดขายรถยนต์ทั่วโลกในปีนี้จะโต 5% YoY และจะโตประมาณ 3% ในอีกสามปีข้างหน้า (2567F-2569F)

**ประมาณการ 2Q66: กำไรจากธุรกิจหลักจะลดลง YoY แต่จะเพิ่มขึ้น QoQ**

เราคาดว่ากำไรจากธุรกิจหลักของ KCE ใน 2Q66 จะอยู่ที่ 319 ล้านบาท (-47% YoY, +1% QoQ) ซึ่งจะทำให้กำไรจากธุรกิจหลักใน 1H66 อยู่ที่ 633 ล้านบาท (-45% YoY) และคิดเป็น 32% ของประมาณการกำไรเต็มปีของเรา กำไรที่ลดลง YoY จะเป็นเพราะยอดขายและอัตรากำไรขั้นต้นลดลง ซึ่งสะท้อนถึงการลดสต็อก (inventory destocking) เราคาดว่ายอดขายใน 2Q66 จะอยู่ที่ 117 ล้านดอลลาร์ (-14% YoY, -2% QoQ) ซึ่งจะทำให้ยอดขายใน 1H66 เพิ่มขึ้นเป็น 237 ล้านดอลลาร์ (+14% YoY) และคิดเป็น 47% ของประมาณการกำไรเต็มปีของเรา นอกจากนี้ เราคาดว่าอัตราการใช้กำลังการผลิตที่ลดลงจะทำให้อัตรากำไรขั้นต้นใน 2Q66 อยู่ที่ 20% (-2.8ppts YoY, +0.4ppts QoQ) ส่งผลให้อัตรากำไรขั้นต้นใน 1H66 อยู่ที่ 19.8% (-3ppts YoY) ต่ำกว่าสมมติฐานปีนี้ของเราที่ 22.5%

**รอสัญญาณการฟื้นตัวใน 2H66**

การลดสต็อกใน 1H66 อาจจะทำให้เกิดการคืนสต็อก (inventory restocking) ใน 2H66 ในขณะที่อัตราการใช้โรงงานจะดีขึ้นเมื่อยอดขายฟื้นตัว และทำให้อัตราการใช้กำลังการผลิตกลับขึ้นไปถึงระดับที่เหมาะสม (optimal) ดังนั้น เราจึงคาดว่ากำไรของ KCE น่าจะโต HoH แต่ยังคงต้องติดตามภาวะการชะลอตัวของเศรษฐกิจโลก ซึ่งอาจจะทำให้มีการเลื่อนคืนสต็อกออกไป

### Valuation & action

เราจึงคงคำแนะนำ “ถือ” KCE และประเมินราคาเป้าหมายสิ้นปี 2566 ที่ 36.50 บาท อิงจาก PER ที่ 22.0x (ค่าเฉลี่ยในอดีต -0.5 S.D.)

### Risks

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

## Key financials and valuations

Year end Dec 31	Dec-19A	Dec-20A	Dec-21A	Dec-22A	Dec-23F	Dec-24F
Revenue (Btmn)	12,097	11,527	14,938	18,456	17,119	18,082
Gross profit (btmtn)	2,454	2,512	3,973	4,202	3,853	4,165
SG&A (Btmn)	1,569	1,449	1,656	1,898	1,883	1,989
Net profit (Btmn)	934	1,127	2,426	2,317	1,984	2,180
Normalized profit (Btmn)	879	1,018	2,237	2,302	1,953	2,180
EPS (Bt)	0.80	0.96	2.05	1.96	1.68	1.84
Normalized EPS (Btmn)	0.75	0.86	1.89	1.95	1.65	1.84
DPS (Btmn)	0.8	0.8	1.6	1.7	1.4	1.6
EPS growth (%)	(53.6)	20.0	114.7	(4.5)	(14.4)	9.9
Normalized EPS growth (%)	(50.2)	15.3	119.0	2.9	(15.2)	11.6
P/E (X)	32.7	48.0	46.5	20.7	24.4	21.8
P/B (X)	2.4	4.1	7.7	3.5	3.5	3.4
EV/EBITDA (X)	14.4	21.3	28.5	14.0	14.5	13.7
Net debt to Equity (%)	9.3	0.0	12.6	19.9	10.1	8.1
Dividend yield (%)	3.3	1.9	1.8	4.1	3.5	3.9
Return on Equity (%)	7.9	9.5	19.0	17.2	14.7	15.8

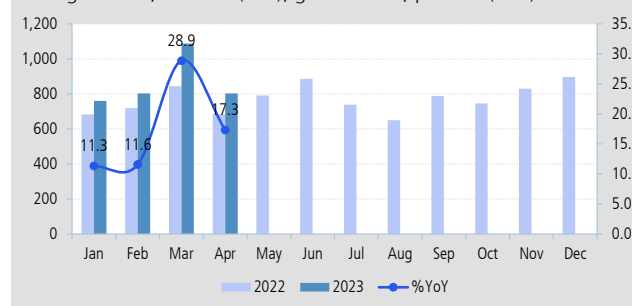
Source: Company data, KGI Securities Research

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

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

**Figure 1: EU passenger car registrations**

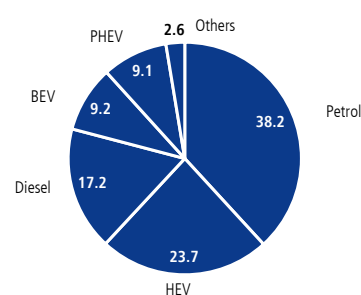
Car registration, mn unit (LHS); growth YoY, percent (RHS)



Source: ACEA, KGI Securities Research

**Figure 2: EU passenger car registrations breakdown**

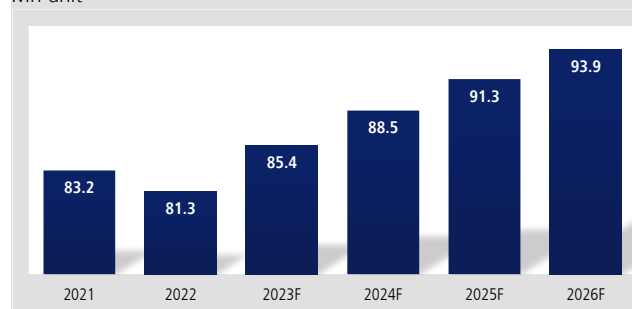
Percent



Source: ACEA, KGI Securities Research

**Figure 3: Global vehicle sales**

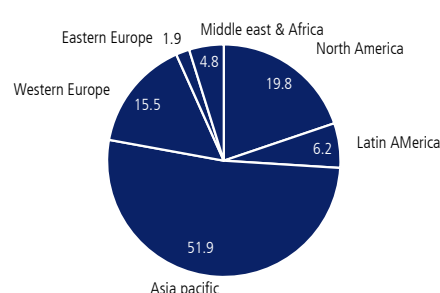
Mn unit



Source: abiresearch, KGI Securities Research

**Figure 4: Global vehicle sales breakdown**

Percent



Source: abiresearch, KGI Securities Research

**Figure 5: KCE's 2Q23F earnings preview**

Btmn	2Q23F	2Q22	%YoY	1Q23	%QoQ	1H23F	1H22	%YoY
Revenue from sales	4,016	4,667	(13.9)	4,025	(0.2)	8,041	9,200	(12.6)
Cost of goods sold	3,213	3,603	(10.8)	3,236	(0.7)	6,449	7,101	(9.2)
Gross profit	803	1,064	(24.5)	789	1.8	1,593	2,099	(24.1)
SG&A expense	495	450	9.9	480	3.0	975	929	5.0
EBIT	368	652	(43.5)	400	(8.0)	769	1,298	(40.8)
Non-op inc/(exp)	0	(30)	(100.0)	31	(100.0)	31	2	1,256.5
<b>Net profit</b>	<b>319</b>	<b>572</b>	<b>(44.3)</b>	<b>345</b>	<b>(7.8)</b>	<b>664</b>	<b>1,161</b>	<b>(42.8)</b>
Normalized profit	319	602	(47.0)	314	1.4	633	1,159	(45.4)
EPS (Bt)	0.27	0.49	(44.3)	0.29	(7.8)	0.56	0.99	(42.8)
Normalized EPS (Bt)	0.27	0.51	(47.0)	0.27	1.4	0.54	0.98	(45.4)
Percent	2Q23F	2Q22	YoY ppts	1Q23	QoQ ppts	1H23F	1H22	YoY ppts
Gross margin	20.0	22.8	(2.8)	19.6	0.4	19.8	22.8	(3.0)
SG&A to sales	12.3	9.6	2.7	11.9	0.4	12.1	10.1	2.0
EBIT margin	9.2	14.0	(4.8)	9.9	(0.8)	9.6	14.1	(4.6)
Net margin	7.9	12.3	(4.3)	8.6	(0.7)	8.3	12.6	(4.4)
Assumption	2Q23F	2Q22	%YoY	1Q23	%QoQ	1H23F	1H22	YoY ppts
Sales in US\$m	117	136	(13.8)	119	(1.6)	237	274	(13.6)
FX	34.2	34.3	(0.2)	33.7	1.4			

Source: KGI Securities Research

**Figure 6: Key assumptions**

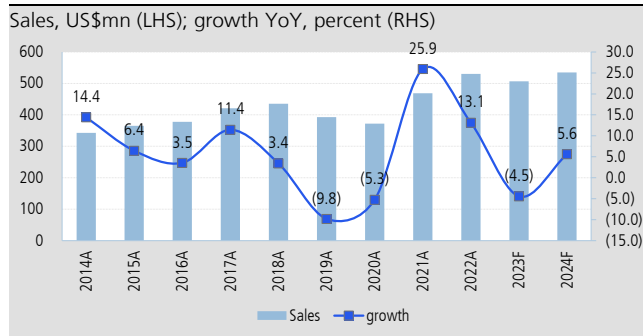
Assumption	Unit	2015	2016	2017	2018	2019	2020	2021	2022	2023F	2024F
Sales	US\$m	365	378	421	436	393	372	469	530	506	535
Sales growth	%YoY	6.4	3.5	11.4	3.4	(9.8)	(5.3)	25.9	13.1	(4.5)	5.6
Gross margin	Percent	31.4	34.9	30.0	26.0	20.3	21.8	26.6	22.8	22.5	23.0
Exchange rate	Bt/US\$	34.1	36.5	33.7	32.1	30.8	31.0	31.9	34.8	33.8	33.8

Source: KGI Securities Research

**Figure 7: 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.

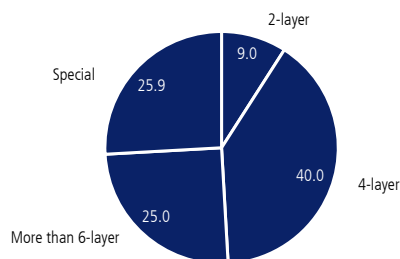
Source: Company data

**Figure 9: Sales assumption**


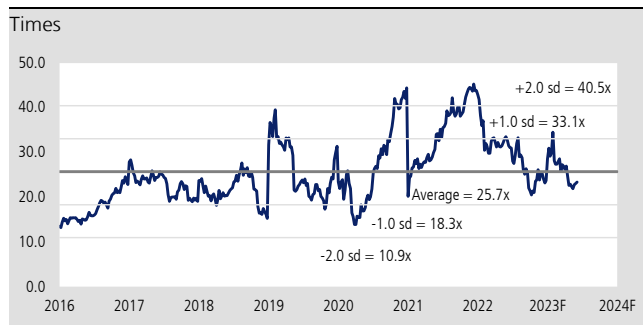
Source: Company data, KGI Securities Research

**Figure 11: Sales breakdown**

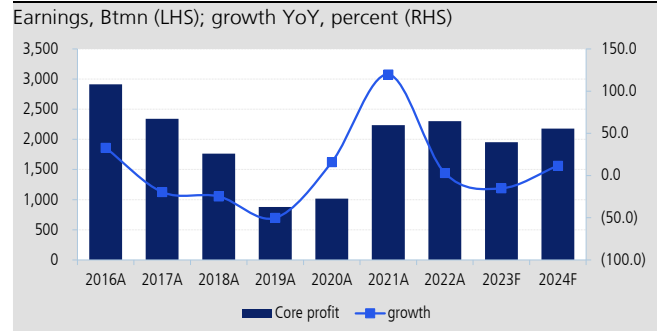
Percent



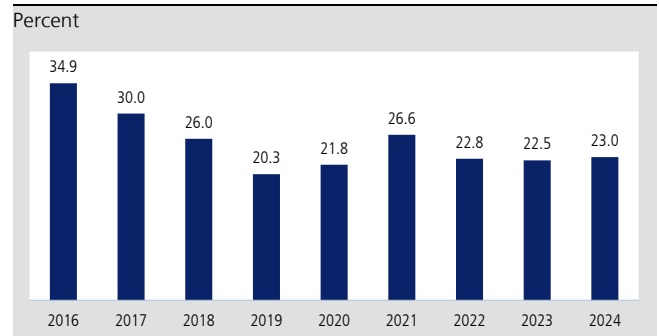
Source: Company data, KGI Securities Research

**Figure 13: PER Band**


Source: KGI Securities Research

**Figure 8: Core profit**


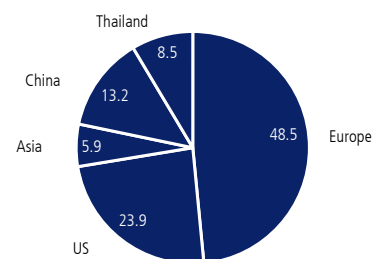
Source: Company data, KGI Securities Research

**Figure 10: Gross margin assumption**


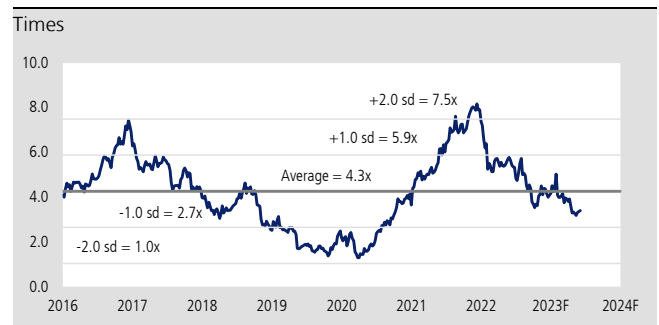
Source: Company data, KGI Securities Research

**Figure 12: Sales breakdown**

Percent



Source: Company data, KGI Securities Research

**Figure 14: 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
<b>Income Statement (Btmn)</b>									
<b>Revenue</b>	<b>3,415</b>	<b>3,536</b>	<b>3,789</b>	<b>4,198</b>	<b>4,532</b>	<b>4,667</b>	<b>4,634</b>	<b>4,623</b>	<b>4,025</b>
Cost of good sold	2,560	2,509	2,760	3,136	3,498	3,603	3,509	3,645	3,236
<b>Gross profit</b>	<b>855</b>	<b>1,027</b>	<b>1,029</b>	<b>1,062</b>	<b>1,035</b>	<b>1,064</b>	<b>1,125</b>	<b>978</b>	<b>789</b>
Operating expense	402	457	395	401	479	450	501	467	480
Other income	40	64	27	72	53	63	54	54	56
<b>Operating profit</b>	<b>492</b>	<b>633</b>	<b>661</b>	<b>733</b>	<b>609</b>	<b>677</b>	<b>678</b>	<b>565</b>	<b>365</b>
Depreciation of fixed asset	251	254	258	219	259	268	276	236	272
<b>Operating EBITDA</b>	<b>743</b>	<b>887</b>	<b>918</b>	<b>952</b>	<b>868</b>	<b>945</b>	<b>954</b>	<b>801</b>	<b>637</b>
<b>Non-Operating income</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Interest income	0	0	0	0	0	0	0	0	0
Other non-op. income	0	0	0	0	0	0	0	0	0
<b>Non-Operating expense</b>	<b>(10)</b>	<b>(13)</b>	<b>(9)</b>	<b>(12)</b>	<b>18</b>	<b>22</b>	<b>2</b>	<b>(24)</b>	<b>(24)</b>
Interest expense	(10)	(13)	(9)	(12)	(12)	(17)	(19)	(24)	(24)
Other non-op. expense	0	0	0	0	30	39	22	0	0
Equity income	4	4	4	5	5	4	5	4	5
Pre-tax profit	559	684	658	781	634	635	683	538	377
Current taxation	(49)	(56)	(45)	(71)	(35)	(54)	(22)	(32)	(25)
Minorities	7	11	9	9	10	9	5	6	6
Extra items	73	59	2	55	62	10	41	(7)	31
<b>Net profit</b>	<b>503</b>	<b>618</b>	<b>604</b>	<b>701</b>	<b>589</b>	<b>572</b>	<b>655</b>	<b>501</b>	<b>345</b>
<b>Normalized profit</b>	<b>430</b>	<b>559</b>	<b>602</b>	<b>646</b>	<b>557</b>	<b>602</b>	<b>636</b>	<b>507</b>	<b>314</b>
EPS (Bt)	0.4	0.5	0.5	0.6	0.5	0.5	0.6	0.4	0.3
Normalized EPS (Bt)	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3
<b>Margin (%)</b>									
Gross profit margin	25.0	29.0	27.2	25.3	22.8	22.8	24.3	21.2	19.6
Operating EBIT margin	14.4	17.9	17.4	17.5	13.4	14.5	14.6	12.2	9.1
Operating EBITDA margin	21.8	25.1	24.2	22.7	19.2	20.2	20.6	17.3	15.8
Net profit margin	14.7	17.5	15.9	16.7	13.0	12.3	14.1	10.8	8.6
<b>Growth (%YoY)</b>									
Revenue growth	4.8	66.2	39.2	22.8	32.7	32.0	22.3	10.1	(11.2)
Operating EBIT growth	31.4	347.2	182.4	75.0	23.7	6.9	2.6	(22.9)	(40.2)
Operating EBITDA growth	16.8	120.4	85.7	47.7	16.9	6.5	3.9	(15.9)	(26.7)
Net profit growth	18.5	766.0	141.6	84.2	17.1	(7.4)	8.5	(28.6)	(41.4)
Normalized profit growth	24.1	330.5	234.4	78.6	29.5	7.7	5.7	(21.5)	(43.6)

Source: Company data, KGI Securities Research

## Balance Sheet

As of 31 Dec (Btmn)	2020	2021	2022	2023F	2024F
<b>Total Assets</b>	<b>17,377</b>	<b>21,951</b>	<b>20,993</b>	<b>20,778</b>	<b>20,662</b>
<b>Current Assets</b>	<b>8,185</b>	<b>11,794</b>	<b>11,079</b>	<b>11,054</b>	<b>11,039</b>
Cash&ST Investment	2,342	1,966	1,145	1,702	1,194
Inventories	2,594	4,841	4,908	4,543	4,766
Account Receivable	3,174	4,394	4,900	4,690	4,954
Other	74	592	127	118	124
<b>Non-current Assets</b>	<b>9,192</b>	<b>10,157</b>	<b>9,914</b>	<b>9,724</b>	<b>9,623</b>
LT Investment	187	195	190	188	190
Net Fixed Assets	8,107	8,979	8,864	8,715	8,584
Others	898	983	860	821	849
<b>Total Liabilities</b>	<b>5,315</b>	<b>8,509</b>	<b>7,548</b>	<b>7,157</b>	<b>6,618</b>
<b>Current liabilities</b>	<b>4,216</b>	<b>6,948</b>	<b>6,244</b>	<b>6,623</b>	<b>6,231</b>
Account Payable	2,458	4,246	3,249	3,634	3,813
ST borrowing	1,283	1,798	2,173	2,173	2,173
Others	475	904	822	817	245
<b>Long-term liabilities</b>	<b>1,099</b>	<b>1,561</b>	<b>1,305</b>	<b>533</b>	<b>387</b>
Long-term debts	676	1,117	904	165	0
Others	423	444	401	368	387
<b>Shareholders' Equity</b>	<b>12,062</b>	<b>13,442</b>	<b>13,445</b>	<b>13,621</b>	<b>14,044</b>
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	10,791	11,215
Preferred stock	0	0	0	0	0

Source: KGI Securities Research

## Key Ratios

Year to 31 Dec	2020	2021	2022	2023F	2024F
<b>Growth (%YoY)</b>					
Sales	(4.7)	29.6	23.6	(7.2)	5.6
OP	19.7	115.5	0.4	(13.9)	10.0
EBITDA	10.8	61.5	(2.9)	(6.3)	5.0
NP	20.6	115.3	(4.5)	(14.4)	9.9
Normalized profit	15.8	119.7	2.9	(15.2)	11.6
EPS	20.0	114.7	(4.5)	(14.4)	9.9
Normalized EPS	15.3	119.0	2.9	(15.2)	11.6
<b>Profitability (%)</b>					
Gross margin	21.8	26.6	22.8	22.5	23.0
Operating margin	10.1	16.9	13.7	12.7	13.2
EBITDA margin	19.9	24.8	19.5	19.7	19.6
Net margin	9.8	16.2	12.6	11.6	12.1
ROAA	6.7	12.3	10.8	9.5	10.5
ROAE	9.5	19.0	17.2	14.7	15.8
<b>Stability</b>					
Gross debt/equity (%)	44.1	63.3	56.1	52.5	47.1
Net debt/equity (%)	0.0	12.6	19.9	10.1	8.1
Interest coverage (x)	22.4	62.4	35.5	24.1	34.4
Interest&ST debt coverage (x)	1.0	1.5	1.1	1.0	1.1
Cash flow interest coverage (x)	43.1	27.7	30.5	44.1	42.9
Cash flow/interest&ST debt (x)	1.9	0.7	1.0	1.8	1.3
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	1,374	1,143
<b>Per share data (Bt)</b>					
EPS	1.0	2.1	2.0	1.7	1.8
Normalized EPS	0.9	1.9	1.9	1.7	1.8
CFPS	2.1	1.0	1.9	3.4	2.5
BVPS	10.2	11.4	11.4	11.5	11.9
Sales/share	9.8	12.6	15.6	14.5	15.3
EBITDA/share	1.9	3.1	3.0	2.9	3.0
DPS	0.8	1.6	1.7	1.4	1.6
<b>Activity</b>					
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
<b>Revenue</b>	<b>11,527</b>	<b>14,938</b>	<b>18,456</b>	<b>17,119</b>	<b>18,082</b>
Cost of good sold	9,015	10,965	14,254	13,266	13,918
<b>Gross profit</b>	<b>2,512</b>	<b>3,973</b>	<b>4,202</b>	<b>3,853</b>	<b>4,165</b>
Operating expense	1,449	1,656	1,898	1,883	1,989
Other income	106	202	224	208	220
<b>Operating Profit</b>	<b>1,169</b>	<b>2,519</b>	<b>2,529</b>	<b>2,178</b>	<b>2,396</b>
Depreciation of fixed asset	1,009	982	1,039	1,149	1,131
<b>Operating EBITDA</b>	<b>2,178</b>	<b>3,501</b>	<b>3,568</b>	<b>3,327</b>	<b>3,527</b>
<b>Non-operating income</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Interest income	0	0	0	0	0
Other non-op income	0	0	0	0	0
<b>Non-operating expense</b>	<b>(57)</b>	<b>(44)</b>	<b>(163)</b>	<b>(92)</b>	<b>(70)</b>
Interest expense	(57)	(44)	(72)	(92)	(70)
Other non-op expense	0	0	(91)	0	0
<b>Equity income/(loss)</b>	<b>10</b>	<b>17</b>	<b>19</b>	<b>17</b>	<b>18</b>
<b>Pretax profit</b>	<b>1,230</b>	<b>2,683</b>	<b>2,490</b>	<b>2,134</b>	<b>2,344</b>
Current taxation	(87)	(221)	(144)	(123)	(135)
Minorities	16	35	29	27	29
Extra item	109	190	106	31	0
<b>Net profit</b>	<b>1,127</b>	<b>2,426</b>	<b>2,317</b>	<b>1,984</b>	<b>2,180</b>
<b>Normalized profit</b>	<b>1,018</b>	<b>2,237</b>	<b>2,302</b>	<b>1,953</b>	<b>2,180</b>
EPS (Bt)	0.96	2.05	1.96	1.68	1.84
Normalized EPS (Bt)	0.86	1.89	1.95	1.65	1.84

Source: KGI Securities Research

## Cash Flow

Year to Dec 31 (Btmn)	2020	2021	2022	2023F	2024F
<b>Operating cash flow</b>	<b>2,480</b>	<b>1,210</b>	<b>2,198</b>	<b>4,077</b>	<b>3,014</b>
Net profit	1,127	2,426	2,317	1,984	2,180
Depreciation&Amortization	1,009	982	1,039	1,149	1,131
Change in working capital	344	(2,198)	(1,159)	945	(297)
Others					
<b>Investment cash flow</b>	<b>(562)</b>	<b>(1,855)</b>	<b>(861)</b>	<b>(969)</b>	<b>(1,023)</b>
Net CAPEX	(197)	(1,854)	(924)	(1,000)	(1,000)
Change in LT investment	12	(8)	5	3	(2)
Change in other assets	11	35	42	0	0
Free cash flow	1,918	(645)	1,337	3,109	1,991
<b>Financing cash flow</b>	<b>(533)</b>	<b>268</b>	<b>(2,158)</b>	<b>(2,551)</b>	<b>(2,499)</b>
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)	(1,808)	(1,756)
<b>Net cash flow</b>	<b>1,385</b>	<b>(377)</b>	<b>(821)</b>	<b>558</b>	<b>(508)</b>

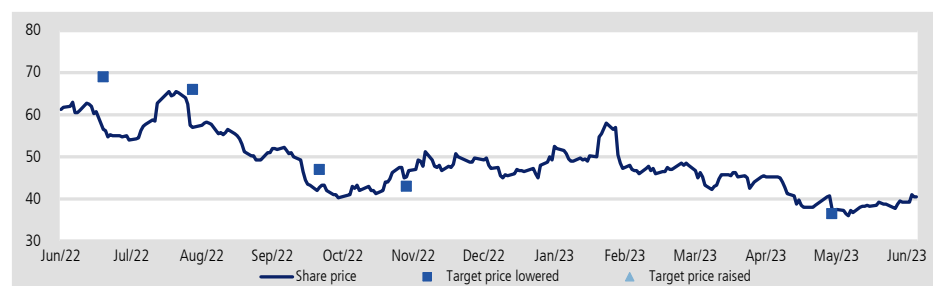
Source: KGI Securities Research

## 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	77.5%	6.7%	11.0%		4.8%
2024F	77.0%	6.3%	11.0%		5.8%
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/ Operating margin	x Capital turnover	x Cash tax rate	=	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	4.8%	0.8	5.8%		0.2%
2024F	5.8%	0.9	5.8%		0.3%

Source: KGI Securities Research

## KCE Electronics PCL - Recommendation & target price history



Date	Rating	Target	Price
10-May-23	Neutral	36.50	37.75
30-Mar-23	Neutral	43.00	46.25
8-Feb-23	Underperform	43.00	50.50
10-Nov-22	Neutral	43.00	45.25
4-Oct-22	Neutral	47.00	42.75
11-Aug-22	Outperform	66.00	57.00
4-Jul-22	Outperform	69.00	56.50

Source: KGI Securities Research

# Corporate Governance Report of Thai Listed Companies



## Companies with Excellent CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
AAV	ASIA AVIATION	EGCO	ELECTRICITY GENERATING	PTTEP	PTT EXPLORATION AND PRODUCTION
ADVANC	ADVANCED INFO SERVICE	GFPT	GFPT	PTTGC	PTT GLOBAL CHEMICAL
AMA	AMA MARINE	GGC	GLOBAL GREEN CHEMICALS	PYLON	PYLON
AMATA	AMATA CORPORATION	GPSC	GLOBAL POWER SYNERGY	QH	QUALITY HOUSES
ANAN	ANANDA DEVELOPMENT	HANA	HANA MICROELECTRONICS	RATCH	RATCHABURI ELECTRICITY GENERATING HOLDING
AOT	AIRPORTS OF THAILAND	HMPRO	HOME PRODUCT CENTER	RS	RS
AP	ASIAN PROPERTY DEVELOPMENT	INTUCH	SHIN CORPORATION	SCB	THE SIAM COMMERCIAL BANK
BANPU	BANPU	IRPC	IRPC	SCC	THE SIAM CEMENT
BCP	THE BANGCHAK PETROLEUM	IVL	INDORAMA VENTURES	SCCC	SIAM CITY CEMENT
BCPG	BCPG	KBANK	KASIKORNBANK	SEAFCO	SEAFCO
BDMS	BANGKOK DUSIT MEDICAL SERVICES	KCE	KCE ELECTRONICS	SMPC	SAHAMITR PRESSURE CONTAINER
BEC	BEC WORLD	KKP	KIATNAKIN BANK	SPALI	SUPALAI
BEM	BANGKOK EXPRESSWAY AND METRO	KTB	KRUNG THAI BANK	SPRC	STAR PETROLEUM REFINING
BGRIM	B. GRIMM POWER	KTC	KRUNGTHAI CARD	SVI	SVI
BPP	BANPU POWER	LH	LAND AND HOUSES	TACC	T.A.C. CONSUMER
BTS	BTS GROUP HOLDINGS	LPN	L.P.N. DEVELOPMENT	TCAP	THANACHART CAPITAL
CENTEL	CENTRAL PLAZA HOTEL	MAKRO	SIAM MAKRO	THCOM	THAI COM
CK	CH. KARNCHANG	MBK	MBK	TISCO	TISCO FINANCIAL GROUP
CKP	CK POWER	MINT	MINOR INTERNATIONAL	TOP	THAI OIL
CPALL	CP ALL	MTC	MUANGTHAI CAPITAL	TRUE	TRUE CORPORATION
CPF	CHAROEN POKPHAND FOODS	PLANB	PLAN B MEDIA	TTB	TMBTHANACHART BANK
CPN	CENTRAL PATTANA	PSH	PRUKSA HOLDING	VGI	VGI GLOBAL MEDIA
DELTA	DELTA ELECTRONICS (THAILAND)	PTG	PTG ENERGY	WHA	WHA CORPORATION
DTAC	TOTAL ACCESS COMMUNICATION	PTT	PTT	WHAUP	



## Companies with Very Good CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
BAM	BANGKOK COMMERCIAL ASSET MANAGEMENT	GULF	GULF ENERGY DEVELOPMENT	SAPPE	SAPPE
BBL	BANGKOK BANK	JMT	JMT NETWORK SERVICES	SAWAD	SIRISAWAD POWER 1979
CBG	CARABAO GROUP	LPH	LADPRAO GENERAL HOSPITAL	SINGER	SINGER THAILAND
CHG	CHULARAT HOSPITAL	M	MK RESTAURANT GROUP	SPA	SIAM WELLNESS GROUP
COM7	COM7	MAJOR	MAJOR CINEPLEX GROUP	TFG	THAIFOODS GROUP
DOHOME	DOHOME	MEGA	MEGA LIFESCIENCES	TKN	TAOKAENOI FOOD & MARKETING
ERW	THE ERWAN GROUP	NETBAY	NETBAY	ZEN	ZEN CORPORATION GROUP
GLOBAL	SIAM GLOBAL HOUSE	OSP	OSOTSPA		



## Companies with Good CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
BCH	BANGKOK CHAIN HOSPITAL	ESSO	ESSO (THAILAND)	SF	SIAM FUTURE DEVELOPMENT
BH	BUMRUNGRAD HOSPITAL	HUMAN	HUMANICA	SISB	SISB
EKH	EKACHAI MEDICAL CARE	RBF	R&B FOOD SUPPLY	TPCH	TPC POWER HOLDING

## Companies classified Not in the three highest score groups

Stock	Company name	Stock	Company name	Stock	Company name
IIG	I&I GROUP	OR	PTT OIL AND RETAIL BUSINESS	STGT	SRI TRANG GLOVES (THAILAND)
KEX	KERRY EXPRESS (THAILAND)	STEC	SINO-THAI ENGINEERING AND CONSTRUCTION		

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	KASIKORN BANK	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

**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.

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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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