

# **HOLT APAC Viewpoint**Hunting for Buffett Like Elephants in Asia

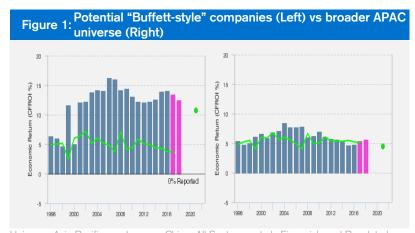


#### **Contacts**

Sonia Mak, CFA HOLT +852 2101 7317 sonia.mak@credit-suisse.com

## 22 May 2017

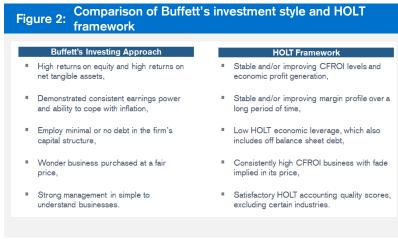
- Why do we look into Warren Buffett's investing style now? Amidst market volatility and heightened macroeconomic uncertainty, investors tend to focus heavily on short-term portfolio decisions. To look past these noises, investors could draw inspiration from Warren Buffett's investment process, which has proved to be successful in the long run, yielding a higher relative return of 20.9% versus 9.8% for the S&P 500 index.
- How does one invest in "Buffett-style"? The US Sector Specialist team had recently analyzed Buffett's material public acquisitions over the past 20 years, and considered his investment philosophy through the HOLT framework (link to report). Of note, Buffett has consistently purchased companies with a superior operational quality with an undemanding valuation.
- How do the potential "Buffett-style" companies in Asia stack up? HOLT screens for companies in Asia that align with Buffett's investment style. Similar to the US, this group of potential "Buffett-style" companies in Asia show superior value creation and resilient CFROI® trend. Valuation is also relatively undemanding with the market pricing in a decline in the near-term CFROI. On a sector level, potential companies are mainly concentrated in Consumers, Health Care and Technology.
- Screen/Ideas. Page 4 includes the full list of "Buffett-style" companies in Asia (i.e. those that exhibit an above average and improving CFROI trend, low leverage with an upside on HOLT DCF model). Company examples from each sector includes: Robinson Dept Store (ROBINS), KT&G (033780), Sinopharm Group (1099), AIA Engineering (AIAE), KCE Electronics (KCE), Link Net (LINK) and ENN Energy (2688).



Universe: Asia Pacific ex- Japan ex China, All Sectors exclude Financials and Regulated Utilities. Source: Credit Suisse HOLT Lens

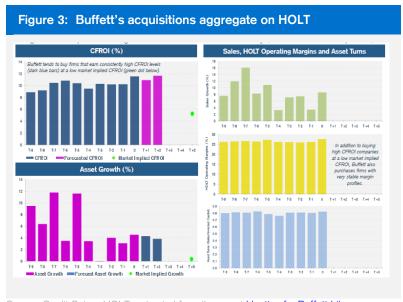
## Buffett investing style vs HOLT framework

Warren Buffett's long-term value investing strategy is perhaps not a secret to equity investors, with one notable source being the Berkshire Hathaway's annual report. Buffett's approach is to take equity stakes or conduct100% outright acquisitions of wonderful companies at fair prices. Interestingly, if one compares Buffett's investment style against the HOLT framework, it becomes quite apparent that both approaches share similar investment philosophies—both focus heavily on corporate fundamentals and long-term wealth creation principles.



Source: Credit Suisse HOLT, extracted from the report <u>Hunting for Buffett Like Elephants</u> (US Sector Specialist Team, May 2017)

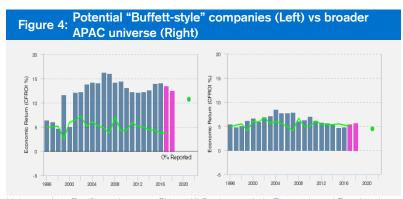
Profiling the historical acquisition targets of Buffett in HOLT provides a better visualisation of his investment style—the aggregate earns consistently high CFROI levels, with market pricing in a sharp fade in economic returns. In addition, margins are generally very stable over time.



Source: Credit Suisse HOLT, extracted from the report <u>Hunting for Buffett Like Elephants</u> (US Sector Specialist Team, May 2017)

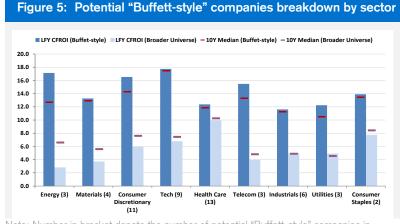
# Potential "Buffett-style" companies in Asia

Leveraging the same methodology from the original report, HOLT screens for companies in Asia with similar traits as Buffett's outright acquisitions. Similar to what is observed in the US, the aggregate profile of potential "Buffett-style" companies in Asia shows more superior value creation and resilient CFROI trend than the broader Asia universe. CFROI of potential "Buffett-style" companies improved to 14.1% in 2016, versus a close to cost-of-capital level of 5.9% for the broader universe, which is also roughly in line with what the market is pricing in. On the other hand, the potential "Buffett-style" companies are priced for a sharp reversal of CFROI, despite the anecdotal evidence of improving quality in recent years.



Universe: Asia Pacific ex Japan ex China, All Sectors exclude Financials and Regulated Utilities. Source: Credit Suisse HOLT Lens

Delving deeper on a sector level, potential "Buffett-style" companies are mainly concentrated in Consumers, Health Care and Tech. Notably, while the traditional cyclical sectors (Energy & Materials) have experienced derating in CFROI as commodity prices plunged to all-time lows in recent years, economic returns of the potential "Buffett-style" companies in these sectors have remained resilient, suggesting that these companies have higher abilities to withstand competitive pressure.



Note: Number in bracket denote the number of potential "Buffett-style" companies in respective sectors. Universe: Asia Pacific ex Japan ex China. Source: Credit Suisse

# Screen/Ideas

The next page includes the full list of "Buffett-style" companies in Asia. (i.e. those that exhibit an above average and an improving CFROI trend, low leverage with an upside on HOLT DCF model). Company examples from each sector includes: Robinson Dept Store (ROBINS), KT&G (033780), Sinopharm Group (1099), AIA Engineering (AIAE), KCE Electronics (KCE), Link Net (LINK) and ENN Energy (2688).

Figure 6: Potential "Buffett-style" Companies in Asia (including Japan)

						CFROI		Operating	Margin (%)			
Name	Symbol	Country	Market Cap, US\$bn	Avg daily liquidity, US\$mn	Sector	LFY	5Y Median	LFY	10Y Median	HOLT Debt/ EV	Accounting Quality	HOLT upside (%)
HERO MOTOCORP LIMITED	HROM	IND	10.9	19.9	Consumer Discretionary	29.5	27.4	74.8	65.4	1.3	Good	83
START TODAY CO., LTD.(C)	3092	JPN	7.7	41.4	Consumer Discretionary	43.5	36.7	10.7	10.0	1.3	Good	4
ANTA SPORTS	2020	HKG	7.5	24.4	Consumer Discretionary	18.0	15.7	5.5	4.9	6.8	Above Average	13
KANGWON LAND, INC.	035250	KOR	6.9	10.2	Consumer Discretionary	12.5	12.5	48.2	44.3	0.4	Good	2
MINTH GROUP LTD	425	HKG	4.5	17.0	Consumer Discretionary	12.9	8.7	49.6	37.9	5.4	Average	6
EXIDE INDUSTRIES LIMITED	EXID	IND	3.2	7.7	Consumer Discretionary	12.6	10.6	42.1	23.9	2.7	Good	3
RAJESH EXPORTS LTD	REXP	IND	2.9	7.8	Consumer Discretionary	15.8	12.3	17.5	14.7	25.5	Good	86
FENG TAY ENTERPRISES COMPANY	L9910	TWN	2.7	2.7	Consumer Discretionary	17.1	13.5	59.1	57.8	6.6	Above Average	11
TUBE INVESTMENTS OF INDIA LIMITEI	CTUBE	IND	2.0	0.9	Consumer Discretionary	21.6	9.0	18.1	16.6	24.7	NA (NA)	93
ROBINSON DEPARTMENT STORE PUB	B ROBINS	THA	1.9	2.8	Consumer Discretionary	12.8	12.7	32.8	38.3	6.1	Above Average	22
AP EAGERS LTD	APE	AUS	1.1	0.2	Consumer Discretionary	12.8	11.8	12.0	15.4	26.9	Below Average	48
KT&G	033780	KOR	11.7	33.6	Consumer Staples	13.3	11.8	30.5	19.5	4.1	Good	22
CEYLON TOBACCO COMPANY PLC	CTC	LKA	1.2	0.1	Consumer Staples	111.4	89.0	21.0	12.8	0.0	Average	272
SEMIRARA MINING AND POWER COR	FSCC	PHL	3.4	3.2	Energy	17.1	13.2	11.6	11.7	10.5	Above Average	54
Z ENERGY LTD	ZEL	AUS	2.2	0.6	Energy	17.2	16.3	41.0	42.3	29.0	Below Average	34
Z ENERGY LTD	ZEL	NZL	2.2	3.6	Energy	17.2	16.3	11.6	11.7	29.1	Below Average	34
SINOPHARM GROUP CO LTD	1099	HKG	12.2	19.5	Health Care	11.8	11.1	18.5	14.3	26.5	Average	4
CADILA HEALTHCARE LTD	CADI	IND	7.8	9.3	Health Care	16.6	11.6	44.9	26.2	6.4	Average	13
CIPLA LTD	CIPL	IND	7.1	9.3	Health Care	11.0	9.6	38.6	39.4	10.8	Above Average	34
DR.REDDY'S LABORATORIES LTD	REDY	IND	6.9	17.8	Health Care	13.9	13.7	37.1	31.3	12.2	Good	135
SIHUAN PHARMACEUTICAL HOLDINGS	S 460	HKG	4.5	16.8	Health Care	22.1	21.3	11.3	7.5	0.4	Good	33
TORRENT PHARMACEUTICALS LIMITE	TORP	IND	3.4	3.0	Health Care	31.5	11.9	31.0	31.0	14.9	Average	20
DIVI S LABORATORIES LIMITED	DIVI	IND	2.6	15.2	Health Care	20.5	17.6	59.0	50.7	0.6	Good	79
SQUARE PHARMACEUTICALS LTD	SQPH	BGD	2.4	0.9	Health Care	16.2	11.8	1.0	0.1	0.1	NA (NA)	66
SAWAI PHARMACEUTICAL CO., LTD.(0	C 4555	JPN	2.0	11.7	Health Care	10.4	10.0	22.9	20.7	14.2	Above Average	51
ALEMBIC PHARMACEUTICALS LTD	ALEM	IND	1.8	0.6	Health Care	29.9	15.9	29.3	26.0	2.8	Good	106
TOP GLOVE CORPORATION BERHAD	TPGC	MYS	1.5	2.8	Health Care	11.9	11.8	15.9	17.9	6.2	Good	2
ABBOTT INDIA LIMITED	ABOT	IND	1.4	0.7	Health Care	19.5	17.7	6.7	6.1	1.2	Good	44
HUGEL, INC.	145020	KOR	1.4	21.9	Health Care	23.9	23.0	19.4	21.9	0.6	Good	26
CHINA STATE CONSTRUCTION INTERN		HKG	8.0	11.3	Industrials	10.5	10.2	20.5	15.3	30.8	Above Average	52
REECE LTD	REH	AUS	3.0	0.5	Industrials	14.5	12.6	32.5	27.0	8.2	Good	8
AMARA RAJA BATTERIES LIMITED	AMAR	IND	2.5	6.2	Industrials	17.1	16.7	12.4	10.8	1.6	Above Average	41
AIA ENGINEERING LIMITED.	AIAE	IND	2.2	1.1	Industrials	14.6	13.4	16.3	14.1	1.3	Good	21
CTCI CORPORATION	9933	TWN	1.3	1.9	Industrials	11.9	11.5	21.8	18.8	14.7	Average	5
ASTRAL POLY TECHNIK LIMITED	ASPT	IND	1.1	1.0	Industrials	13.9	13.3	25.7	26.3	4.7	Average	26
INFOSYS LIMITED	INFY	IND	33.8	46.7	Information Technology	19.4	18.9	25.1	28.7	0.9	Good	49
VAKRANGEE SOFTWARES LIMITED	VAKR	IND	2.9	40.7	Information Technology	17.0	13.4	14.6	14.5	1.7	Good	5
VENTURE CORPORATION LIMITED	VENM	SGP	2.5	8.8	Information Technology	12.6	10.2	19.4	18.4	5.7	Above Average	9
TONGDA GROUP HOLDINGS LIMITED	698	HKG	2.0	16.7	Information Technology	13.0	11.6	11.3	7.5	19.9	Average Average	50
KCE ELECTRONICS PUBLIC CO LTD	KCE	THA	1.8	7.9	Information Technology	16.2	11.3	80.5	83.0	7.6	Good	22
MYOB GROUP LTD	MYO	AUS	1.6	8.9	Information Technology	28.3	17.6	29.5	30.3	17.6	Average	10
MINDTREE LIMITED	MINT	IND	1.6	3.5	Information Technology	24.0	17.6	12.5	14.4	5.7	Average	61
ELITE MATERIAL COMPANY LIMITED	2383	TWN	1.3	13.3	Information Technology	17.6	17.4	65.3	65.6	3.6	Above Average	4
					Information Technology					2.0	ŭ	
MERRY ELECTRONICS CO LTD	2439	TWN	1.2	41.0	<u> </u>	20.1	15.0	17.8	19.1		Average	14
HINDUSTAN ZINC LIMITED	HZNC	IND	16.9	11.6	Materials	16.1	15.7	37.1	29.9	0.0	Good	144
FLETCHER BUILDING LIMITED	FBU	NZL	3.9	16.8	Materials	9.3	8.6	46.7	53.0	39.3	Average	12
FLETCHER BUILDING LIMITED	FBU	AUS	3.9	8.8	Materials	9.3	8.6	38.9	26.9	39.3	Average	12
SOLAR INDUSTRIES INDIA LIMITED	SLIN	IND	1.2	0.2	Materials	12.3	11.0	29.9	33.2	5.9	Above Average	15
TPG TELECOM LIMITED	TPM	AUS	4.0	12.7	Telecommunication Services		18.3	16.9	13.0	31.1	Good	7
SARANA MENARA NUSANTARA TBK F		IDN	2.8	0.2	Telecommunication Services		11.0	4.7	4.2	22.8	Average	29
LINK NET TBK PT	LINK	IDN	1.2	2.4	Telecommunication Services		15.5	30.8	27.2	2.3	Good	39
GUANGDONG INVESTMENT LTD.	270	HKG	9.1	14.1	Utilities	11.2	11.2	23.7	24.9	8.6	NA (NA)	24
CHINA RESOURCES GAS GROUP LIM		HKG	6.3	10.2	Utilities	16.1	13.0	37.4	37.1	18.1	NA (NA)	50
ENN ENERGY HOLDINGS LIMITED	2688	HKG	5.1	18.2	Utilities	10.7	10.5	64.8	64.6	33.8	NA (NA)	46

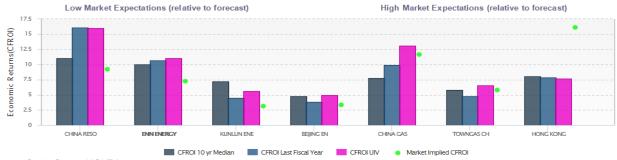
UNIVERSE: Asia Pacific Ex Japan & China; Japan. CRITERIA: Market Capitalization (bil) between 1.0 and 35.0 and Industry Code - GICS Sector not in Financials, Real Estate and Years of Data >= 6.0 and CFROI LFY >= 8.0 and CFROI LFY-1 >= 8.0 and CFROI LFY-2 >= 8.0 and CFROI LFY-3 >= 8.0 and CFROI LFY-4 >= 8.0 and CFROI LFY > CFROI Median - Five Year and Leverage (Economic) Used in Valuation < 40.0 and Accounting Quality - Overall Rank not in Poor and Warranted Upside - Downside (%) >= 0.0 . Source: Credit Suisse HOLT. Click to see the screen in HOLT Lens<sup>TM</sup>

# ENN Energy (2688): Best-in-Class name priced for trough economic returns

Scorecard rating: 100 percentileSector specialist: Jeffery Hoo, CFAMarket cap.: US\$5.5 bnDaily liquidity: US\$20.7 mn

- Supported by strong CFROI revisions, high operational quality and relatively undernanding valuation, Best-in-Class ENN Energy scores a perfect 100 on the HOLT scorecard. Economic returns have shown steady improvements over the past decade, and FY16 CFROI continued in the same vein, reaching a new high of 10.7%. Management is positive on the outlook, driven by a series of reforms undertaken by the government to boost the use of natural gas in primary energy consumption. Against that backdrop, consensus expects the improvements to continue with near-term IBES estimates expecting a top-line growth to remain near mid-teens levels with a slight deterioration in margins (as lower margin gas sales becomes a bigger proportion).
- Versus its domestic peers, ENN Energy combines more stable economic returns with relatively less demanding market expectations. In addition, it is one of the two gas utilities (the other being CR Gas) that was awarded an eCAP.

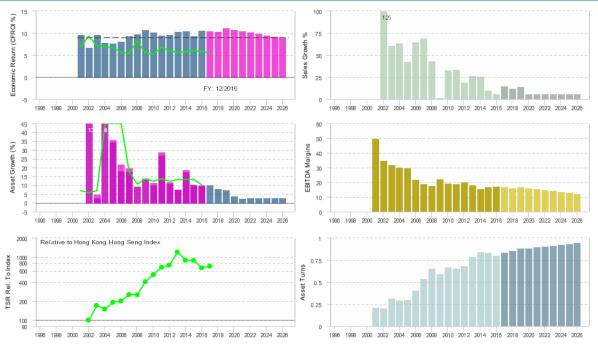
## **ENN Energy: Implied expectations appear undemanding**



Source: Credit Suisse HOLT Lens.

■ Current share price implies a sharp deceleration in the top-line growth, falling to 6.5% p.a. through to FY26 with margins continuing a ~4% YoY decline (to ~13%) over the same period. Considering the positive outlook and implied CFROI falling below a ten-year low, expectations appear undemanding. On the same margins assumption, a 20% upside is possible if ENN could deliver a 10% top-line growth through to FY26 (three-year median). (Link to scenario on HOLT Lens). Conversely, if top line falters, achieving just 2% (historical low), a 14% downside is possible. (Link to scenario on HOLT Lens).

#### Market-Implied scenario: Priced for trough level returns



Source: Credit Suisse HOLT Lens.

# KCE Electronics (KCE): Recent share price correction could be an entry opportunity

Scorecard rating: 68th percentile Sector specialist: Hock Leng Ng, CFA Market cap.: US\$1.7 bn Daily liquidity: US\$8.1mn

- KCE Electronics (KCE) has delivered strong CFROI improvements over the last five years, turning its CFROI around from 0.6% in 2011 to 16.2% by 2016. Operating margins reached a multi-year high of over 30% last year, which management attributed to a strong demand for its automotive printed circuit boards (PCBs) and higher operating efficiency from its new factory.
- Since reaching a high of Bt128, KCE's share price has fallen by nearly 20%, and the company also exhibits negative CFROI revisions over the same period. The poor momentum reflects concerns of a strong Thai Bhat and impact of a higher copper foil input cost. Both factors were highlighted by management as the main reasons for the lower YoY operating profit in its 1Q17 results.

KCE's share price has declined by 20% since December 2016, as street revised down margins on input cost and forex concerns

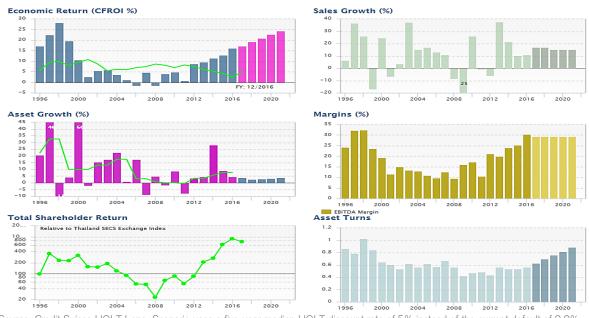




Source: Credit Suisse HOLT Lens.

- The recent price correction, however, might turn out to be an attractive entry opportunity given that 2017 and 2018 consensus-derived CFROI remain robust at high-teens level. Management believes that KCE could continue to benefit from the growth in global automotive market and higher electronic components in cars, and consensus forecast is for an accelerating in sales growth to 17% a year in 2018.
- If the structural growth story above plays out and KCE can deliver a 15% annual sales grow with 29% EBITDA margins (in line with near-term consensus forecast, there is a 22% upside potential (Link to HOLT Lens). If sales growth slows down to 5% a year from 2019-21, downside risk in our DCF model is -20%.

## 22% potential upside if it can deliver 15% sales growth and 29% EBITDA margins, in line with consensus forecast



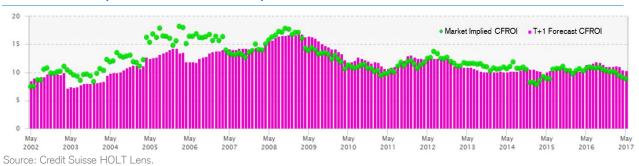
Source: Credit Suisse HOLT Lens. Scenario uses a five-year median HOLT discount rate of 5% instead of the current default of 2.9%

# KT&G (033780): Valuation at historical trough with only two years of competitive advantage period priced in

Scorecard rating: 83rd percentileSector specialist: Jungwoo Kim, CFAMarket cap.: US\$11.5 bnDaily liquidity: US\$33.6 mn

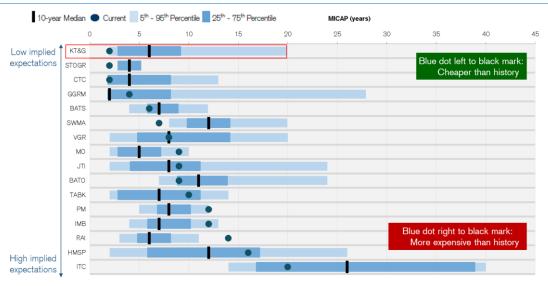
- With a healthy CFROI and margins sustained over the past ten years, minimal debt gearing and good accounting quality, KT&G ticks all the boxes for Warren Buffett-style investing approach (translated into HOLT terms). Having said that, continued negative CFROI revisions in the recent months seem to reflect a bearish sell-side view for 2017-18, perhaps partly driven by the market's concern for the firm's competitive position against the rise of next generation products, like e-vapour and heated tobacco products (HTP) (link to recent CS Ideas Engine report—Global Tobacco; also link to HOLT analysis of Global Tobacco).
- Forecast CFROI has now fallen to 10.3%, 300 bp lower than the 2016 achieved returns. Notably, the implied expectations have been falling even sharper, reaching the trough level last seen in early 2015. While potential overhang issue (7.5% shares held by Industrial Bank of Korea) might have exacerbated the weak price momentum lately, the current forecast-expectations gap may indicate a potentially attractive entry point for investors looking for a high quality stalwart.

# KT&G: Market-implied CFROI has fallen sharper than forecast levels



- For mature and established Consumer Staples companies like KT&G, HOLT provides a unique measure of valuation analysis called MICAP (market-implied competitive advantage period); at a given share price, the model solves for the number of years a firm is expected to maintain its forecast CFROI (assuming a low and stable asset growth). The chart below illustrates the current level of expectations (dot) in the context of a ten-year historical range.
- KT&G currently exhibits MICAP of only two years, the lowest among the global tobacco players as well as against its own historical levels, indicating an undemanding valuation.
- Using an alternative approach to examine implied expectations based on a ten-year forecast window, KT&G is priced for a gradual decline in CFROI towards 7%, coupled with a slowing asset growth to 2.5% by 2026 (<u>Link</u> to HOLT Lens™). However, HOLT's conditional probability model suggests that there is an 82% probability that the firm could beat this set of expectations.

# Global Tobacco MICAP: KT&G priced to sustain its competitive edge only for the next two years



Source: Credit Suisse HOLT Lens.

# **New Annual Data Update**

Companies with a market cap above US\$5 bn that have been updated with the latest financials last week.

Company Name	Ticker	Country	Mkt Cap	Current	Percent to Best		Default Warranted Value			CFROI/CFROE(%)	
GRAMEENPHONE LTD	GRAE	BGD	USD (bn) 5.56	331.70	Before 8.20	After 24.59	Before 363.53	After 413.25	Change (%) 13.68	12.98	FY0 14.53
CHINA CITIC BANK CORPORATION LIMITED	601998	CHN	40.32	5.94	(2.76)	(18.10)	5.96	4.86	(18.40)	13.25	11.41
JIANGSU BROADCASTING CABLE INFORMATION NETWORK C	600959	CHN	5.90	10.46	(47.79)	(40.04)	5.47	6.27	14.69	5.12	(0.13)
QINGDAO HAIER COMPANY LIMITED	600690	CHN	11.78	13.32	48.48	(11.04)	19.50	11.85	(39.22)	10.38	10.70
SHANGHAI ORIENTAL PEARL MEDIA CO LTD	600637	CHN	8.21	21.54	35.97	40.70	28.62	30.31	5.89	8.13	8.88
CHINA CONSTRUCTION BANK CORP	939	HKG	203.01	6.32	18.84	13.70	7.56	7.19	(4.95)	16.58	14.60
CHINA MERCHANTS PORT HOLDINGS CO LTD	144	HKG	7.34	21.75	(0.78)	(5.65)	21.45	20.52	(4.33)	3.23	5.32
ACOM CO., LTD.(C)	8572	JPN	6.74	478.00	(42.35)	(52.32)	274.39	227.89	(16.95)	3.37	(23.28)
ASAHI KASEI CORPORATION(C)	3407	JPN	13.47	1,072.00	25.67	31.69	1,370.81	1,411.68	2.98	3.78	3.63
BANDAI NAMCO HOLDINGS INC.(C)	7832	JPN	7.43	3,760.00	5.05	7.58	3,897.01	4,045.01	3.80	6.89	9.34
BROTHER INDUSTRIES, LTD.(C)	6448	JPN	5.67	2,427.00	41.41	17.16	3,534.58	2,843.43	(19.55)	8.01	8.73
CHIBA BANK, LTD., THE(C)	8331	JPN	5.31	740.00	(18.74)	(19.20)	614.03	597.95	(2.62)	5.04	6.05
CONCORDIA FINANCIAL GROUP, LTD.(C)	7186	JPN	6.01	522.80	1.18	(1.32)	523.37	515.90	(1.43)	6.57	6.34
. , ,	4568	JPN	14.69		55.78	52.65					2.03
DAIICHI SANKYO COMPANY, LIMITED(C)				2,462.00			3,859.30	3,758.27	(2.62)	3.36	
DAIKIN INDUSTRIES, LTD.(C)	6367	JPN	28.30	10,760.00	(7.50)	(2.71)	9,949.41	10,468.89	5.22	10.68	11.42
DAIWA HOUSE INDUSTRY CO., LTD.(C)	1925	JPN	21.44	3,592.00	19.29	19.09	4,219.30	4,277.61	1.38	7.49	8.44
DISCO CORPORATION(C)	6146	JPN	6.06	18,790.00	(23.51)	(23.50)	14,120.36	14,374.77	1.80	10.76	10.86
EISAI CO., LTD.(C)	4523	JPN	15.43	5,995.00	(14.88)	(24.00)	5,008.55	4,556.29	(9.03)	2.25	0.87
HANKYU HANSHIN HOLDINGS, INC.(C)	9042	JPN	8.78	3,910.00	14.89	4.71	4,346.64	4,094.06	(5.81)	3.60	2.97
HITACHI CHEMICAL COMPANY, LTD.(C)	4217	JPN	5.53	2,952.00	21.37	28.14	3,746.02	3,782.83	0.98	3.09	3.41
HOYA CORPORATION(C)	7741	JPN	19.13	5,480.00	(36.82)	(37.64)	3,427.73	3,417.11	(0.31)	9.14	8.67
HI CORPORATION(C)	7013	JPN	5.64	406.00	(13.79)	(7.56)	359.56	375.30	4.38	3.20	3.32
KDDI CORPORATION(C)	9433	JPN	67.67	3,061.00	29.65	26.29	3,922.64	3,865.86	(1.45)	7.46	8.70
KEIKYU CORPORATION(C)	9006	JPN	6.30	1,271.00	(69.28)	(39.08)	385.25	774.26	100.98	(0.50)	1.24
(ONAMI HOLDINGS CORPORATION(C)	9766	JPN	6.12	5,030.00	(18.39)	(48.23)	4,020.70	2,604.19	(35.23)	4.39	1.37
(YUSHU RAILWAY COMPANY(C)	9142	JPN	5.35	3,720.00	39.79	7.01	5,041.73	3,980.77	(21.04)	5.38	3.25
IXIL GROUP CORPORATION(C)	5938	JPN	6.99	2,703.00	(34.79)	(18.63)	1,742.06	2,199.51	26.26	1.11	3.43
MARUBENI CORPORATION(C)	8002	JPN	10.74	688.00	(23.15)	(10.60)	540.87	615.07	13.72	0.89	1.48
MINEBEA MITSUMI INC.(C)	6479	JPN	6.61	1,735.00	(15.37)	(18.31)	1,477.44	1,417.33	(4.07)	5.77	4.01
MISUMI GROUP INC.(C)	9962	JPN	5.86	2,362.00	(20.39)	(18.86)	1,896.92	1,916.47	1.03	13.74	14.04
MITSUBISHI CORPORATION(C)	8058	JPN	32.40	2,272.00	39.09	37.75	3,154.59	3,129.61	(0.79)	(0.10)	3.28
MITSUBISHI ESTATE COMPANY, LIMITED(C)	8802	JPN	25.52	2,044.50	69.44	82.90	3,465.43	3,739.36	7.90	2.30	2.62
MITSUBISHI HEAVY INDUSTRIES, LTD.(C)	7011	JPN	13.27	439.40	68.55	86.26	765.67	818.44	6.89	4.59	2.76
MITSUBISHI MOTORS CORPORATION(C)	7211	JPN	9.69	723.00	(9.51)	35.14	673.17	977.06	45.14	4.19	(11.84)
MITSUBISHI TANABE PHARMA CORPORATION(C)	4508	JPN	12.47	2,472.00	15.73	3.42	2,884.82	2,556.55	(11.38)	4.62	4.21
MITSUI & CO., LTD.(C)	8031	JPN	23.89	1,506.00	37.50	38.54	2,105.09	2,086.47	(0.88)	0.56	0.78
MITSUI FUDOSAN CO., LTD.(C)	8801	JPN	22.88	2,574.50	80.12	87.97	4,523.51	4,839.23	6.98	2.52	2.85
NH FOODS LTD.(C)	2282	JPN	6.31	3,325.00	(28.71)	(22.70)	2,284.41	2,570.39	12.52	0.97	3.06
NIPPON EXPRESS CO., LTD.(C)	9062	JPN	5.56	644.00	(25.76)	(12.16)	472.09	565.72	19.83	1.45	1.88
NIPPON TELEGRAPH AND TELEPHONE CORPORATION(C)	9432	JPN	94.77	5,228.00	74.28	66.70	8,755.26	8,715.15	(0.46)	(0.59)	(0.88)
NSK LTD.(C)	6471	JPN	6.58	1,385.00	(8.41)	7.01	1,370.73	1,482.09	8.12	2.60	1.82
NTT DATA CORPORATION(C)	9613	JPN	14.86	5,890.00	5.83	(0.80)	6,054.79	5,843.12	(3.50)	8.37	8.52
DBAYASHI CORPORATION(C)	1802	JPN	7.90	1,223.00	33.58	27.29	1,561.25	1,556.80	(0.29)	7.08	9.56
DLYMPUS CORPORATION(C)	7733	JPN	12.76	4,145.00	(17.13)	(41.27)	3,517.53	2,434.37	(30.79)	10.55	6.18
DNO PHARMACEUTICAL CO., LTD.(C)	4528	JPN	11.39	2,388.50	(14.02)	(0.71)	2,023.78	2,371.56	17.18	2.94	8.05
PANASONIC CORPORATION(C)	6752	JPN	30.14	1,366.00	37.20	2.91	1,816.32	1,405.72	(22.61)	0.43	(0.02)
RECRUIT HOLDINGS CO., LTD.(C)	6098	JPN	28.80	5,750.00	(22.46)	(16.73)	4,535.04	4,787.78	5.57	17.63	21.73
SANTEN PHARMACEUTICAL CO., LTD.(C)	4536	JPN	5.51	1,507.00	(3.54)	(6.18)	1,454.03	1,413.87	(2.76)	6.16	6.84
SEIBU HOLDINGS INC.(C)	9024	JPN	5.91	2,094.00	(39.83)	(36.95)	1,244.09	1,320.23	6.12	2.25	1.59
HIONOGI & CO., LTD.(C)	4507	JPN	17.57	6,128.00	(17.52)	(12.86)	4,993.58	5,339.80	6.93	7.57	10.05
HIZUOKA BANK, LTD., THE(C)	8355	JPN	5.09	937.00	(6.13)	(3.15)	4,993.56 889.88	907.52	1.98	4.20	3.34
	9984								18.98		
COFTBANK GROUP CORP.(C)		JPN	82.10	8,379.00	(22.26)	(6.21)	6,604.74	7,858.58	2	4.75	8.24
ONY FINANCIAL HOLDINGS INC.(C)	8729	JPN	6.71	1,715.00	(29.22)	(39.40)	1,265.54	1,039.32	(17.88)	7.90	6.47
SUBARU CORPORATION(C)	7270	JPN	26.29	3,812.00	99.19	89.67	7,711.74	7,230.40	(6.24)	17.31	11.63
SUMITOMO CORPORATION(C)	8053	JPN	16.36	1,457.00	12.34	30.45	1,686.77	1,900.69	12.68	2.55	2.66
SUMITOMO MITSUI FINANCIAL GROUP, INC.(C)	8316	JPN	51.54	4,052.00	10.87	4.05	4,575.24	4,216.03	(7.85)	7.23	8.88
SUMITOMO REALTY & DEVELOPMENT CO., LTD.(C)	8830	JPN	13.22	3,102.00	43.55	63.52	4,437.46	5,072.48	14.31	2.70	2.84
SURUGA BANK LTD.(C)	8358	JPN	5.11	2,453.00	(47.27)	(46.12)	1,306.73	1,321.57	1.14	12.04	13.30
YSMEX CORPORATION(C)	6869	JPN	11.69	6,240.00	(14.06)	(27.27)	5,473.82	4,538.31	(17.09)	17.63	17.16
AKEDA PHARMACEUTICAL COMPANY LIMITED(C)	4502	JPN	40.10	5,710.00	5.05	(16.87)	5,792.84	4,746.61	(18.06)	2.35	1.34
DK CORPORATION(C)	6762	JPN	7.75	6,830.00	26.20	44.40	8,656.88	9,862.41	13.93	2.45	1.81
ERUMO CORPORATION(C)	4543	JPN	13.72	4,335.00	(40.91)	(52.47)	2,554.59	2,060.41	(19.34)	7.76	8.53
OKYU CORPORATION(C)	9005	JPN	8.95	819.00	(6.98)	(4.50)	754.99	782.15	3.60	3.66	4.28
ORAY INDUSTRIES, INC.(C)	3402	JPN	13.44	934.40	4.19	4.83	965.78	979.50	1.42	0.80	0.58
OSOH CORPORATION(C)	4042	JPN	5.69	974.00	45.16	51.49	1,453.06	1,475.54	1.55	1.38	4.29
OYOTA MOTOR CORPORATION(C)	7203	JPN	159.61	5,965.00	107.28	90.74	12,300.68	11,377.62	(7.50)	5.76	3.48
IXIATA GROUP BHD	AXIA	MYS	10.88	5.24	(8.92)	23.44	4.83	6.47	34.01	5.85	3.00
	THH	MYS	11.43	6.00	(36.27)	(41.14)	3.91	3.53	(9.67)		3.58
HH HEALTHCARE BHD	11117	NI I O	11.40	0.00	(30.21)	(41.14)	J. 31	3.33	(5.01)	5.75	J.30
0 110 1 110 1 1 1											

Source: Credit Suisse HOLT Lens.



#### Global Market Commentary Disclaimer 1

References to Credit Suisse include all of the subsidiaries and affiliates of Credit Suisse AG operating under its Global Markets division. For more information on our structure, please follow the attached link: <a href="https://www.credit-suisse.com/us/en/about-us/our-company.html">https://www.credit-suisse.com/us/en/about-us/our-company.html</a>.

This material has been prepared by individual traders or sales personnel of Credit Suisse identified in this material as "Authors" and not by Credit Suisse's research department. The information contained in this document has been provided as general market commentary only and does not constitute any form of regulated financial advice, legal, tax or other regulated financial service. It is intended only to provide observations and views of these traders or sales personnel, which may be different from, or inconsistent with, the observations and views of Credit Suisse research department analysts, other Credit Suisse traders or sales personnel, or the proprietary positions of Credit Suisse. Observations and views expressed herein may be changed by the trader or sales personnel at any time without notice. Credit Suisse accepts no liability for losses arising from the use of this material.

This material does not purport to contain all of the information that an interested party may desire and, in fact, provides only a limited view of a particular market. It is not investment research, or a research recommendation for regulatory purposes, as it does not constitute substantive research or analysis. The information provided is not intended to provide a sufficient basis on which to make an investment decision and is not a personal recommendation or investment advice. While it has been obtained from or based upon sources believed by the trader or sales personnel to be reliable, each of the trader or sales personnel and Credit Suisse does not represent or warrant its accuracy or completeness and is not responsible for losses or damages arising from the use of this material.

This material is provided for informational purposes and does not constitute an invitation or offer to subscribe for or purchase any of the products or services mentioned. It is directed exclusively at Credit Suisse's market professional and institutional investor clients (e.g. QIBs) as defined by the rules of the relevant regulatory authority, and must not be forwarded or shared with retail customers or the public. It is not intended for private customers and such persons should not rely on this material. Moreover, any investment or service to which this material may relate will not be made available by Credit Suisse to such private customers.

This material may have previously been communicated to the Credit Suisse trading desk or other Credit Suisse clients. You should assume that the trading desk makes markets and/or currently maintains positions in any of the securities mentioned above. Credit Suisse may, from time to time, participate or invest in transactions with issuers of securities that participate in the markets referred to herein, perform services for or solicit business from such issuers, and/or have a position or effect transactions in the securities or derivatives thereof. Information provided on any trades executed with Credit Suisse will not constitute an official confirmation of the trade details, and all preliminary trade report information is subject to our formal written confirmation.

FOR IMPORTANT DISCLOSURES on companies covered in Credit Suisse Investment Banking Division research reports, please see <a href="www.credit-suisse.com/researchdisclosures">www.credit-suisse.com/researchdisclosures</a>. To obtain a copy of the most recent Credit Suisse research on any company mentioned please contact your sales representative or go to <a href="http://www.credit-suisse.com/researchandanalytics">http://www.credit-suisse.com/researchandanalytics</a>.

Past performance should not be taken as an indication or guarantee of future performance, and no representation or warranty, expressed or implied is made regarding future performance. Backtested, hypothetical or simulated performance results have inherent limitations. Simulated results are achieved by the retroactive application of a backtested model itself designed with the benefit of hindsight. The backtesting of performance differs from the actual account performance because the investment strategy may be adjusted at any time, for any reason and can continue to be changed until desired or better performance results are achieved. Alternative modeling techniques or assumptions might produce significantly different results and prove to be more appropriate. Past hypothetical backtest results are neither an indicator nor a guarantee of future returns. Actual results will vary from the analysis.

Investment principal on securities can be eroded depending on sale price or market price. In addition, there are securities on which investment principal may be eroded due to changes in redemption amounts. Care is required when investing in such instruments.

#### **HOLT Disclaimer**

The HOLT methodology does not assign ratings or a target price to a security. It is an analytical tool that involves use of a set of proprietary quantitative algorithms and warranted value calculations, collectively called the HOLT valuation model, that are consistently applied to all the companies included in its database. Third-party data (including consensus earnings estimates) are systematically translated into a number of default variables and incorporated into the algorithms available in the HOLT valuation model. The source financial statement, pricing, and earnings data provided by outside data vendors are subject to quality control and may also be adjusted to more closely measure the underlying economics of firm performance. These adjustments provide consistency when analyzing a single company across time, or analyzing multiple companies across industries or national borders. The default scenario that is produced by the HOLT valuation model establishes a warranted price for a security, and as the third-party data are updated, the warranted price may also change. The default variables may also be adjusted to produce alternative warranted prices, any of which could occur. The warranted price is an algorithmic output applied systematically across all companies based on historical levels and volatility of returns. Additional information about the HOLT methodology is available on request

CFROI, CFROE, HOLT, HOLT Lens, HOLTfolio, "Clarity is Confidence" and "Powered by HOLT" are trademarks or registered trademarks of Credit Suisse Group AG or its affiliates in the United States and other countries.

HOLT is a corporate performance and valuation advisory service of Credit Suisse.

© 2017 Credit Suisse Group AG and its subsidiaries and affiliates. All rights reserved.

#### European Market Abuse Regulation (Securities Traded on EU-Regulated Markets)

The date and time published on the title page of this material (the "Published Date and Time") are the date and time of completion of production of this material and the date and time of its first dissemination.

The European Market Abuse Regulation (596/2014) and associated rules ("MAR") define "investment recommendations" as information recommending or suggesting an investment strategy, explicitly or implicitly, concerning one or several financial instruments or the issuers, including any opinion as to the present or future value or price of such instruments, intended for distribution channels or for the public. To the extent this material contains any "investment recommendation" as defined under MAR for a security traded on an EU-regulated market, the Published Date and Time are also the date and time of completion of production, and the date and time of first dissemination, of any such "investment recommendation" (unless otherwise expressly specified in this material).

This material is produced and distributed by Credit Suisse and its subsidiaries and affiliates. Such subsidiaries and affiliates may include: Credit Suisse Securities (Europe) Limited, Credit Suisse Securities (USA) LLC, Credit Suisse Management (Australia) Pty, Credit Suisse Securities (Japan) Limited, Credit Suisse Securities (Europe) Limited, Seoul Branch, Credit Suisse AG, Singapore Branch, Credit Suisse (Hong Kong) Limited, Credit Suisse Securities (Johannesburg) Proprietary Limited.

Please follow the attached hyperlink for important further information regarding conflicts of interest, disclosures, and a history of our "investment recommendations" as defined by MAR: <a href="https://rave.credit-suisse.com/disclosures/view/nr">https://rave.credit-suisse.com/disclosures/view/nr</a>

Americas: https://www.credit-suisse.com/legal/en/ib/market\_commentary.jsp

Europe: https://www.credit-suisse.com/legal/en/ib/europe.jsp (Credit Suisse Securities (Europe) Limited is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority in the United Kingdom)

Asia: https://www.credit-suisse.com/legal/en/ib/market\_commentary\_disclaimer\_asia.jsp

General investors in Japan should open the following link and read it:

 $\underline{\text{https://www.credit-suisse.com/jp/investment\_banking/ja/disclaimer/}}$ 

<sup>1</sup> For region specific disclosures, including information about applicable registrations and certain regulatory disclosures, please follow the links below: