Bata India BATA.NS BATA IN

CONSUMER RELATED



Strong momentum drives earnings upgrade

Earnings momentum and reasonable valuation; reiterate Buy with TP of INR1,090

July 29, 2013	
Rating Remains	Buy
Target price Increased from 990	INR 1090
Closing price July 26, 2013	INR 908
Potential upside	+20%

Action: Reiterate Buy on strong confidence into 2HCY13

Post strong 2QCY13 results, we have revisited our assumptions for Bata and believe the company will outperform our previous expectations over the next year or so. This confidence is backed by positive management commentary on the growth outlook, both near term and medium term. Our previous margins assumptions were conservative, thus we have made revisions to build in a 40bp improvement for both CY13F and CY14F. Our TP moves from INR990 to INR1,090 on our earnings revisions of 3-5% for CY13-15F and the rolling forward of our valuation by one quarter.

Catalysts: Strong volume growth and pick-up in margins

There is some apprehension that footwear, being a discretionary category, will see a sharp deceleration in growth in the current weak macro environment. However, as the 1HCY13 results indicate, Bata has been successful in maintaining growth in the tough market environment. Commentary suggests a pick-up in 2HCY13, which would be a key catalyst for stock price performance over the next year.

Valuation: Bata trades at 24x CY14F P/E

Bata trades at 24x CY14F P/E, vs the consumer sector which trades at a~29.6x FY15F. We estimate Bata will deliver ~20% pa earnings growth over the next couple of years, driven by strong top-line growth of 17-18% pa and margin expansion of 40bps pa over CY13-14F. Given the reasonable valuations, strong commentary from management and potential for margins to surprise on the upside, we believe investors should own Bata at these levels.

31 Dec	FY12		FY13F		FY14F		FY15F
Currency (INR)	Actual	Old	New	Old	New	Old	New
Revenue (mn)	18,412	21,477	21,697	25,270	25,525	29,762	30,059
Reported net profit (mn)	1,715	1,946	2,004	2,307	2,427	2,784	2,927
Normalised net profit (mn)	1,690	1,946	2,004	2,307	2,427	2,784	2,927
FD normalised EPS	26.30	30.28	31.19	35.89	37.77	43.31	45.54
FD norm. EPS growth (%)	45.7	15.1	18.6	18.5	21.1	20.7	20.6
FD normalised P/E (x)	34.5	N/A	29.1	N/A	24.0	N/A	19.9
EV/EBITDA (x)	20.6	N/A	16.8	N/A	13.7	N/A	11.3
Price/book (x)	8.3	N/A	7.0	N/A	5.9	N/A	4.9
Dividend yield (%)	0.8	N/A	1.2	N/A	1.5	N/A	1.7
ROE (%)	26.9	25.5	26.2	25.7	26.7	26.3	27.0
Net debt/equity (%)	net cash						

Anchor themes

Bata is the market leader in India's organised footwear market, as per the company. The company has the widest portfolio of products across segments and price points, which gives it a strong competitive edge vs smaller domestic players as well as MNCs.

Nomura vs consensus

We are largely in line with consensus for CY14/15F on EPS. However, improvement in realisations could surprise on the upside.

Research analysts

India Consumer Related

Manish Jain - NFASL manish.jain@nomura.com +91 22 4037 4186

Anup Sudhendranath - NSFSPL anup.sudhendranath@nomura.com +91 22 4037 5406

See Appendix A-1 for analyst certification, important disclosures and the status of non-US analysts.

Key data on Bata India

Income statement (INRmn)

Year-end 31 Dec	FY11	FY12	FY13F	FY14F	FY15F
Revenue	15,409	18,412	21,697	25,525	30,059
Cost of goods sold	-7,265	-8,680	-10,197	-11,920	-14,037
Gross profit	8,143	9,731	11,499	13,605	16,021
SG&A	-4,408	-5,541	-6,707	-7,978	-9,475
Employee share expense	-1,859	-1,959	-2,155	-2,371	-2,608
Operating profit	1,877	2,231	2,636	3,257	3,939
EBITDA	2,288	2,744	3,323	4,020	4,796
Depreciation	-411	-514	-686	-764	-858
Amortisation	0	0	0	0	0
EBIT	1,877	2,231	2,636	3,257	3,939
Net interest expense	-9	-10	-10	-10	-10
Associates & JCEs	0	0	0	0	0
Other income	227	274	321	323	375
Earnings before tax	2,096	2,494	2,948	3,569	4,304
Income tax	-936	-804	-943	-1,142	-1,377
Net profit after tax	1,160	1,690	2,004	2,427	2,927
Minority interests	0	0	0	0	0
Other items	0	0	0	0	0
Preferred dividends	0	0	0	0 407	0 007
Normalised NPAT	1,160	1,690	2,004	2,427	2,927
Extraordinary items Reported NPAT	1,098	25 1,715	2 004	0	2 027
Dividends	2,258 -447	-448	2,004 -694	2,427	2,927 -1,003
Transfer to reserves	1,811	1,267	1,310	-849 1,578	1,924
Valuation and ratio analysis					
Valuation and ratio analysis	25.0	24.0	20.1	24.0	10.0
Reported P/E (x) Normalised P/E (x)	25.8 50.3	34.0 34.5	29.1 29.1	24.0	19.9 19.9
FD normalised P/E (x)	50.3	34.5	29.1	24.0	19.9
FD normalised P/E at price target (x)	54.8	37.6	31.7	26.2	21.7
Dividend yield (%)	0.8	0.8	1.2	1.5	1.7
Price/cashflow (x)	81.7	24.7	26.9	20.5	18.8
Price/book (x)	10.2	8.3	7.0	5.9	4.9
EV/EBITDA (x)	25.0	20.6	16.8	13.7	11.3
EV/EBIT (x)	30.4	25.3	21.2	16.9	13.7
Gross margin (%)	52.8	52.9	53.0	53.3	53.3
EBITDA margin (%)	14.8	14.9	15.3	15.7	16.0
EBIT margin (%)	12.2	12.1	12.2	12.8	13.1
Net margin (%)	14.7	9.3	9.2	9.5	9.7
Effective tax rate (%)	44.6	32.2	32.0	32.0	32.0
Dividend payout (%)	19.8	26.1	34.6	35.0	34.3
Capex to sales (%)	2.8	4.9	4.5	3.7	3.3
Capex to depreciation (x)	1.0	1.8	1.4	1.2	1.1
ROE (%)	na	26.9	26.2	26.7	27.0
ROA (pretax %)	26.6	26.8	27.0	28.9	30.6
Growth (%)					
Revenue	22.6	19.5	17.8	17.6	17.8
EBITDA	36.1	19.9	21.1	21.0	19.3
EBIT	38.4	18.8	18.2	23.5	20.9
Normalised EPS	21.1	45.7	18.6	21.1	20.6
Normalised FDEPS	21.1	45.7	18.6	21.1	20.6
Per share					
Reported EPS (INR)	35.13	26.69	31.19	37.77	45.54
Norm EPS (INR)	18.05	26.30	31.19	37.77	45.54
Fully diluted norm EPS (INR)	18.05	26.30	31.19	37.77	45.54
Book value per share (INR)	89.37	108.98	129.36	153.92	183.86
DPS (INR)	6.96	6.97	10.81	13.21	15.61
Source: Company data, Nomura estimates					

Relative performance chart (one year)



Source: ThomsonReuters, Nomura research

(%)	1M	ЗМ	12M
Absolute (INR)	12.7	27.1	1.3
Absolute (USD)	15.3	16.6	-3.8
Relative to index	6.5	25.2	-17.5
Market cap (USDmn)	989.0		
Estimated free float (%)	48.0		
52-week range (INR)	989.5/686.85		
3-mth avg daily turnover (USDmn)	5.15		
Major shareholders (%)			
Bata BNBV	52.0		
FID Funds	4.1		
Source: Thomson Reuters,	Nomura research	1	

Notes

Year-end 31 Dec	FY11	FY12	FY13F	FY14F	FY15F
EBITDA	2,288	2,744	3,323	4,020	4,796
Change in working capital	-1,449	-69	-256	-193	-529
Other operating cashflow	-126	-317	-897	-984	-1,166
Cashflow from operations	714	2,358	2,169	2,843	3,101
Capital expenditure	-428	-906	-984	-952	-978
Free cashflow	285	1,453	1,185	1,891	2,123
Reduction in investments		0	0	0	0
Net acquisitions					
Reduction in other LT assets		-125	-219	-252	-298
Addition in other LT liabilities		-101	0	0	0
Adjustments					
Cashflow after investing acts	285	1,227	967	1,639	1,825
Cash dividends	-299	-447	-448	-694	-849
Equity issue	0	0	0	0	0
Debt issue	-113	-138	0	0	0
Convertible debt issue	0	0	0	0	0
Others					
Cashflow from financial acts	-412	-585	-448	-694	-849
Net cashflow	-127	642	518	945	976
Beginning cash	1,356	1,229	1,871	2,389	3,334
Ending cash	1,229	1,871	2,389	3,334	4,311
Ending net debt	-1,229	-1,871	-2,389	-3,334	-4,311
Source: Company data, Nomura estimates					

Balance sheet (INRmn)

Balance sheet (INRmn)					
As at 31 Dec	FY11	FY12	FY13F	FY14F	FY15F
Cash & equivalents	1,229	1,871	2,389	3,334	4,311
Marketable securities	49	49	49	49	49
Accounts receivable	355	518	594	699	824
Inventories	3,913	4,621	5,528	6,504	7,659
Other current assets	0	0	0	0	0
Total current assets	5,546	7,058	8,561	10,586	12,841
LT investments					
Fixed assets	2,271	2,595	2,911	3,100	3,220
Goodwill	0	0	0	0	0
Other intangible assets	0	0	0	0	0
Other LT assets	1,083	1,208	1,427	1,678	1,976
Total assets	8,900	10,861	12,899	15,364	18,038
Short-term debt	0	0	0	0	0
Accounts payable	2,782	3,506	4,161	4,895	5,765
Other current liabilities	717	795	868	1,021	902
Total current liabilities	3,499	4,301	5,029	5,916	6,666
Long-term debt	0	0	0	0	0
Convertible debt	0	0	0	0	0
Other LT liabilities	-342	-444	-444	-444	-444
Total liabilities	3,157	3,857	4,585	5,473	6,223
Minority interest	0	0	0	0	0
Preferred stock	0	0	0	0	0
Common stock	643	643	643	643	643
Retained earnings	5,100	6,361	7,671	9,249	11,173
Proposed dividends	0	0	0	0	0
Other equity and reserves					
Total shareholders' equity	5,743	7,003	8,313	9,892	11,815
Total equity & liabilities	8,900	10,861	12,899	15,364	18,038
Liquidity (x)					
Current ratio	1.58	1.64	1.70	1.79	1.93
Interest cover	215.8	216.1	263.6	325.7	393.9
moreou de ver	210.0	210.1	200.0	020.1	000.0
Leverage					
Net debt/EBITDA (x)	net cash				
Net debt/equity (%)	net cash				
Activity (days)					
Days receivable	7.8	8.7	9.4	9.3	9.2
Days inventory	173.5	179.9	181.6	184.2	184.1
Days payable	148.5	132.6	137.2	138.7	138.6
Cash cycle	32.7	56.0	53.8	54.8	54.8
Source: Company data, Nomura estimates					

Notes

Notes

Strong 2QCY13 results

- Net sales increased 13% y-y to INR5.7bn, against our expectation of INR5.7bn.
- EBITDA came in at INR961mn, vs Nomura estimate of INR973bn.
- EBITDA margin came in at 16.8%, up 20bps y-y. We were expecting EBITDA margin at 17% (flat y-y).
- The key negative surprise was other overheads, up 18% y-y to 14.8% (Nomura estimate of 14.3%).
- PAT came in at INR619mn, against our expectation of INR603mn a beat of ~3% to our and Street numbers.

Fig. 1: Key numbers from Q2	2C Y 13 results			0.	iortor andad
(INR mn)	Jun-13	Jun-12	% Chg	Mar-13	uarter ended % Chg
Net Sales	5,725	5,065	13.0	4,539	26.1
EBIDTA	961	859	11.8	629	52.8
Other income	78	40	94.8	69	11.7
PBIDT	1,038	899	15.5	698	48.7
Depreciation	141	124	13.6	131	7.7
Interest	2	2	N.A	2	N.A
PBT	895	773	15.8	565	58.4
Tax	276	247	11.8	180	52.7
Adjusted PAT	619	527	17.6	385	61.0
Extra ordinary income/ (exp.)	0	0	N.A	0	N.A
Reported PAT	619	527	17.6	385	61.0
No. of shares (mn)	64	64		64	
EBIDTA margins (%)	16.8	17.0		13.9	
PBIDT margins (%)	18.1	17.7		15.4	
EPS (INR)	9.6	8.2	17.6	6.0	61.0
INR mn	Jun-13	Jun-12	% Chg	Mar-13	% Chg
Net Sales	5,725	5,065	13.0	4,539	26.1
EBIDTA	961	859	11.8	629	52.8
Other income	78	40	94.8	69	11.7
PBIDT	1,038	899	15.5	698	48.7
Depreciation	141	124	13.6	131	7.7
Interest	2	2	N.A	2	N.A
PBT	895	773	15.8	565	58.4
Tax	276	247	11.8	180	52.7
Adjusted PAT	619	527	17.6	385	61.0
Extra ordinary income/ (exp.)	0	0	N.A	0	N.A
Reported PAT	619	527	17.6	385	61.0
No. of shares (mn)	64	64		64	
	16.8	17.0		13.9	
EBIDTA margins (%)	10.0				
EBIDTA margins (%) PBIDT margins (%)	18.1	17.7		15.4	

Source: Company data, Nomura Research

Management commentary

• Plans to add 100 new format stores in CY13F which will all be more than an average of 3,000 sq ft.

- So far in the current quarter, it has opened 15 new stores, all in major metro cities.
- To quote the management: "We are confident our momentum will accelerate in line with our expectations as we move through the year."

Confidence for delivery in 2HCY13

Management commentary indicated strong confidence that growth will pick up in 2HCY13, driven by:

- Management's execution capabilities, even in a tough market environment.
- Relatively low comps in 3QCY13 when looked at on a y-y basis.

While the market environment for consumer demand (discretionary as well as non-discretionary) remains weak, companies with better execution capabilities should outperform. We believe Bata certainly falls into that category with its proven management capabilities to steer the business through various cycles. This has clearly been demonstrated by company's performance during the past five years.

If we look at the comps from 3QCY12, revenue growth was +14.5% y-y but as a result of sharp deterioration in margins (average margin -150bps y-y in 2HCY12). This margin deterioration was driven by lower gross margin in 3QCY12 as well as a significant increase in rental cost.

We believe 3QCY13F will see more normalised trends and although we are building in an increase in rental costs as a percentage of sales, we do not expect the increase to be as sharp as in 3QCY12. Considering the trends since 3QCY12 when net profit grew by only 5.3% y-y and the company's strong commentary, we expect net income growth to be close to ~25% y-y in 3QCY13F.

Margins in 3QCY12 were 12%, which are a soft comp on a y-y basis. In 3QCY13F, we expect the company to report margins of 13.4%, with further upside risk to that number.

Fig. 2: Q3 comps are relatively soft bo	th on margins and net income	
INR mn	Q3CY12	Q3CY13F
Revenues	4,235	4,871
Growth (%)	14.5%	15.0%
EBITDA	510	653
EBITDA Margins (%)	12.0%	13.4%
Net Income	320	405
Growth (%)	5.3%	26.2%
INR mn	Q3CY12	Q3CY13F
Revenues	4,235	4,871
Growth (%)	14.5%	15.0%
EBITDA	510	653
EBITDA Margins (%)	12.0%	13.4%
Net Income	320	405
Growth (%)	5.3%	26.2%

Source: Company data, Nomura estimates

Change to our earnings estimates

Taking into account the robust 1HCY13 performance and the company's confidence on medium-term growth, we have made some changes to our assumptions. Key changes are:

- Revenue growth of 17.8% in CY13F, vs our earlier expectation of 16.6%, mainly on the strong sales growth in 1HCY13.
- EBITDA margin of 15.4% (+40bps y-y vs CY12), against our earlier expectation of 15%.
 We also assume the improvement in margins will continue into CY14F with a 40bps improvement against our earlier expectation of margins remaining flat. As detailed in

Nomura I Bata India

our 2 July 2013 initiation report, *Taking the right steps*, the company has a well established strategy to improve margins – 6% in CY06 to 15% in CY12.

After a pause for a year where margins held stable, we believe the upward trajectory will resume with a steady but sustainable margin expansion. The key factors driving this will likely be an improvement in the mix (higher share of leather vs rubber shoes) as well as cost cutting initiatives, including outsourcing more production vs manufacturing in-house. The company is also investing significant money to increase its distribution which should widen the gap between Bata and its competitors in India.

 Our net income estimates move up by 3-5% for CY13-CY15F as a result of these changes. We now expect a ~20% earnings CAGR over CY13-15F, vs average earnings growth for the sector of close to 17-18%.

TP moves higher on earnings upgrade and roll forward

Our TP moves from INR990 to INR1,090, an upgrade of 10%. This is driven primarily by 5% earnings upgrades to our CY14F/15F numbers and rolling forward our valuation by one quarter. Our target P/E for Bata remains unchanged at 25x on one-year forward earnings.

1150 -1100 -1050 -1000 -950 -900 -

Fig. 3: Change in TP driven both by earnings and rolling forward

Source: Nomura research

Old TP

850

800

Valuation comfort adds to attractiveness

Earnings Upgrade

Together with solid business fundamentals over the next couple of years, valuation is another comforting factor, in our view, on Bata India. The company trades at 24x CY14F earnings, vs the market-cap weighted sector average of ~29.6x for FY15F. We believe within the context of expensive valuations in the sector, Bata offers a relatively cheap option of gaining exposure to the consumption story in India.

Roll forward

New TP

July 29, 2013

Fig. 4: Consumer sector valuation

Company	Ticker	Rating	Price INR	EPS growth FY14E %	EPS growth FY15E %	FY14E P/E	FY15E P/E	FY14E PEG	FY15E PEG
Nestle *	NEST IN	Neutral	5,450	22%	23%	35.7x	29.1x	1.6x	1.3x
GSK Consumer *	SKB IN	Reduce	5,013	20%	21%	41.1x	34.1x	2.0x	1.7x
Jubilant Foodworks	JUBI IN	Reduce	1,150	20%	27%	47.9x	37.6x	2.4x	1.4x
United Spirits	UNSP IN	Buy	2,587	139%	49%	53.7x	36.0x	0.4x	0.7x
F&B Average						42.8x	32.6x		
Colgate Palmolive	CLGT IN	Reduce	1,444	13%	14%	35.1x	30.8x	2.6x	2.2x
Dabur	DABUR IN	Buy	172	20%	18%	32.2x	27.3x	1.6x	1.5x
Godrej Consumer	GCPL IN	Buy	862	24%	24%	30.5x	24.6x	1.3x	1.0x
Hindustan Unilever	HUVR IN	Reduce	664	12%	10%	39.7x	36.0x	3.3x	3.5x
Marico	MRCO IN	Buy	217	39%	22%	27.8x	22.8x	0.7x	1.0x
Emami	HMN IN	Buy	497	25%	20%	28.1x	23.5x	1.1x	1.2x
HPC Average						36.1x	31.9x		
ITC	ITC IN	Buy	368	19%	19%	32.2x	27.1x	1.7x	1.5x
Asian Paints	APNT IN	Neutral	5,076	27%	19%	35.4x	29.6x	1.3x	1.5x
Titan Industries	TTAN IN	Neutral	261	10%	19%	27.4x	23.0x	2.7x	1.2x
Bata India	BATA IN	Buy	908	19%	21%	29.1x	24.0x	1.6x	1.1x
Retail Average						27.7x	23.2x		

 $Source: Company \ data, \ Nomura \ estimates. \ Note: \ ^{\star} \ indicates \ calendar \ year \ based \ valuations. \ Pricing \ as \ on \ 26 \ July \ 2013$

Appendix A-1

Analyst Certification

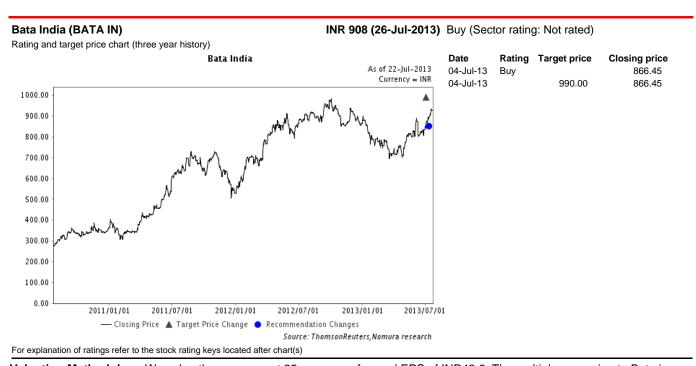
We, Manish Jain and Anup Sudhendranath, hereby certify (1) that the views expressed in this Research report accurately reflect our personal views about any or all of the subject securities or issuers referred to in this Research report, (2) no part of our compensation was, is or will be directly or indirectly related to the specific recommendations or views expressed in this Research report and (3) no part of our compensation is tied to any specific investment banking transactions performed by Nomura Securities International, Inc., Nomura International plc or any other Nomura Group company.

Issuer Specific Regulatory Disclosures

The term "Nomura Group" used herein refers to Nomura Holdings, Inc. or any of its affiliates or subsidiaries, and may refer to one or more Nomura Group companies.

Materially mentioned issuers

Issuer	Ticker	Price	Price date	Stock rating	Sector rating	Disclosures
Bata India	BATA IN	INR 908	26-Jul-2013	Buv	Not rated	



Valuation Methodology We value the company at 25x one-year forward EPS of INR43.6. The multiple we assign to Bata is similar to the multiples we assign to other mid-cap consumer companies. Our target price is INR1,090.

Risks that may impede the achievement of the target price Spending on footwear is highly leveraged to discretionary spend, which could be hit if GDP growth slows. High rental costs could mean margins taking a hit.

Important Disclosures

Online availability of research and conflict-of-interest disclosures

Nomura research is available on www.nomuranow.com/research, Bloomberg, Capital IQ, Factset, MarkitHub, Reuters and ThomsonOne. Important disclosures may be read at http://go.nomuranow.com/research/globalresearchportal/pages/disclosures/disclosures/aspx or requested from Nomura Securities International, Inc., on 1-877-865-5752. If you have any difficulties with the website, please email grpsupport@nomura.com for help.

The analysts responsible for preparing this report have received compensation based upon various factors including the firm's total revenues, a portion of which is generated by Investment Banking activities. Unless otherwise noted, the non-US analysts listed at the front of this report are not registered/qualified as research analysts under FINRA/NYSE rules, may not be associated persons of NSI, and may not be subject to FINRA Rule 2711 and NYSE Rule 472 restrictions on communications with covered companies, public appearances, and trading securities held by a research analyst account.

Nomura Global Financial Products Inc. ("NGFP") Nomura Derivative Products Inc. ("NDPI") and Nomura International plc. ("NIPIc") are registered with the Commodities Futures Trading Commission and the National Futures Association (NFA) as swap dealers. NGFP, NDPI, and NIPIc are generally engaged in the trading of swaps and other derivative products, any of which may be the subject of this report.

Any authors named in this report are research analysts unless otherwise indicated. *Industry Specialists* identified in some Nomura International plc research reports are employees within the Firm who are responsible for the sales and trading effort in the sector for which they have coverage. Industry Specialists do not contribute in any manner to the content of research reports in which their names appear. *Marketing Analysts* identified in some Nomura research reports are research analysts employed by Nomura International plc who are primarily responsible for marketing Nomura's Equity Research product in the sector for which they have coverage. Marketing Analysts may also contribute to research reports in which their names appear and publish research on their sector.

Distribution of ratings (Global)

The distribution of all ratings published by Nomura Global Equity Research is as follows:

43% have been assigned a Buy rating which, for purposes of mandatory disclosures, are classified as a Buy rating; 37% of companies with this rating are investment banking clients of the Nomura Group*.

45% have been assigned a Neutral rating which, for purposes of mandatory disclosures, is classified as a Hold rating; 49% of companies with this rating are investment banking clients of the Nomura Group*.

12% have been assigned a Reduce rating which, for purposes of mandatory disclosures, are classified as a Sell rating; 18% of companies with this rating are investment banking clients of the Nomura Group*.

As at 30 June 2013. *The Nomura Group as defined in the Disclaimer section at the end of this report.

Explanation of Nomura's equity research rating system in Europe, Middle East and Africa, US and Latin America
The rating system is a relative system indicating expected performance against a specific benchmark identified for each individual stock.
Analysts may also indicate absolute upside to target price defined as (fair value - current price)/current price, subject to limited management discretion. In most cases, the fair value will equal the analyst's assessment of the current intrinsic fair value of the stock using an appropriate valuation methodology such as discounted cash flow or multiple analysis, etc.

STOCKS

A rating of 'Buy', indicates that the analyst expects the stock to outperform the Benchmark over the next 12 months. A rating of 'Neutral', indicates that the analyst expects the stock to perform in line with the Benchmark over the next 12 months. A rating of 'Reduce', indicates that the analyst expects the stock to underperform the Benchmark over the next 12 months. A rating of 'Suspended', indicates that the rating, target price and estimates have been suspended temporarily to comply with applicable regulations and/or firm policies in certain circumstances including, but not limited to, when Nomura is acting in an advisory capacity in a merger or strategic transaction involving the company.

Benchmarks are as follows: United States/Europe: please see valuation methodologies for explanations of relevant benchmarks for stocks, which can be accessed at: http://go.nomuranow.com/research/globalresearchportal/pages/disclosures/disclosures.aspx; Global Emerging Markets (ex-Asia): MSCI Emerging Markets ex-Asia, unless otherwise stated in the valuation methodology.

SECTORS

A 'Bullish' stance, indicates that the analyst expects the sector to outperform the Benchmark during the next 12 months. A 'Neutral' stance, indicates that the analyst expects the sector to perform in line with the Benchmark during the next 12 months. A 'Bearish' stance, indicates that the analyst expects the sector to underperform the Benchmark during the next 12 months. Benchmarks are as follows: United States: S&P 500; Europe: Dow Jones STOXX 600; Global Emerging Markets (ex-Asia): MSCI Emerging Markets ex-Asia.

Explanation of Nomura's equity research rating system in Japan and Asia ex-Japan STOCKS

Stock recommendations are based on absolute valuation upside (downside), which is defined as (Target Price - Current Price) / Current Price, subject to limited management discretion. In most cases, the Target Price will equal the analyst's 12-month intrinsic valuation of the stock, based on an appropriate valuation methodology such as discounted cash flow, multiple analysis, etc. A 'Buy' recommendation indicates that potential upside is 15% or more. A 'Neutral' recommendation indicates that potential upside is less than 15% or downside is less than 5%. A 'Reduce' recommendation indicates that potential downside is 5% or more. A rating of 'Suspended' indicates that the rating and target price have been suspended temporarily to comply with applicable regulations and/or firm policies in certain circumstances including when Nomura is acting in an advisory capacity in a merger or strategic transaction involving the subject company. Securities and/or companies that are labelled as 'Not rated' or shown as 'No rating' are not in regular research coverage of the Nomura entity identified in the top banner. Investors should not expect continuing or additional information from Nomura relating to such securities and/or companies.

SECTORS

A 'Bullish' rating means most stocks in the sector have (or the weighted average recommendation of the stocks under coverage is) a positive absolute recommendation. A 'Neutral' rating means most stocks in the sector have (or the weighted average recommendation of the stocks under coverage is) a neutral absolute recommendation. A 'Bearish' rating means most stocks in the sector have (or the weighted average recommendation of the stocks under coverage is) a negative absolute recommendation.

Target Price
A Target Price, if discussed, reflects in part the analyst's estimates for the company's earnings. The achievement of any target price may be impeded by general market and macroeconomic trends, and by other risks related to the company or the market, and may not occur if the company's earnings differ from estimates.

Disclaimers

This document contains material that has been prepared by the Nomura entity identified at the top or bottom of page 1 herein, if any, and/or, with the sole or joint contributions of one or more Nomura entities whose employees and their respective affiliations are specified on page 1 herein or identified elsewhere in the document. The term "Nomura Group" used herein refers to Nomura Holdings, Inc. or any of its affiliates or subsidiaries and may refer to one or more Nomura Group companies including: Nomura Securities Co., Ltd. ('NSC') Tokyo, Japan; Nomura International plc ('NIplc'), UK; Nomura Securities International, Inc. ('NSI'), New York, US; Nomura International (Hong Kong) Ltd. ('NIHK'), Hong Kong; Nomura Financial Investment (Korea) Co., Ltd. ('NFIK'), Korea (Information on Nomura analysts registered with the Korea Financial Investment Association ('KOFIA') can be found on the KOFIA Intranet at http://dis.kofia.or.kn; Nomura Singapore Ltd. ('NSL'), Singapore (Registration number 197201440E, regulated by the Monetary Authority of Singapore); Nomura Australia Ltd. ('NAL'), Australia (ABN 48 003 032 513), regulated by the Australian Securities and Investment Commission ('ASIC') and holder of an Australian financial services licence number 246412; P.T. Nomura Indonesia ('PTNI'), Indonesia; Nomura Securities Malaysia Sdn. Bhd. ('NSM'), Malaysia; NIHK, Taipei Branch ('NITB'), Taiwan; Nomura Financial Advisory and Securities (India) Private Limited ('NFASL'), Mumbai, India (Registered Address: Ceejay House, Level 11, Plot F, Shivsagar Estate, Dr. Annie Besant Road, Worli, Mumbai- 400 018, India; Tel: +91 22 4037 4037, Fax: +91 22 4037 4111; SEBI Registration No: BSE INB011299030, NSE INB231299034, INF231299034, INE 231299034, INF231299034, I

THIS MATERIAL IS: (I) FOR YOUR PRIVATE INFORMATION, AND WE ARE NOT SOLICITING ANY ACTION BASED UPON IT; (II) NOT TO BE CONSTRUED AS AN OFFER TO SELL OR A SOLICITATION OF AN OFFER TO BUY ANY SECURITY IN ANY JURISDICTION WHERE SUCH OFFER OR SOLICITATION WOULD BE ILLEGAL; AND (III) BASED UPON INFORMATION FROM SOURCES THAT WE CONSIDER RELIABLE, BUT HAS NOT BEEN INDEPENDENTLY VERIFIED BY NOMI IRA GROUP

Nomura Group does not warrant or represent that the document is accurate, complete, reliable, fit for any particular purpose or merchantable and does not accept liability for any act (or decision not to act) resulting from use of this document and related data. To the maximum extent permissible all warranties and other assurances by Nomura group are hereby excluded and Nomura Group shall have no liability for the use, misuse, or distribution of this information. Opinions or estimates expressed are current opinions as of the original publication date appearing on this material and the information, including the opinions and estimates contained herein, are subject to change without notice. Nomura Group is under no duty to update this document. Any comments or statements made herein are those of the author(s) and may differ from views held by other parties within Nomura Group. Clients should consider whether any advice or recommendation in this report is suitable for their particular circumstances and, if appropriate, seek professional advice, including tax advice. Nomura Group does not provide tax advice.

Nomura Group, and/or its officers, directors and employees, may, to the extent permitted by applicable law and/or regulation, deal as principal, agent, or otherwise, or have long or short positions in, or buy or sell, the securities, commodities or instruments, or options or other derivative instruments based thereon, of issuers or securities mentioned herein. Nomura Group companies may also act as market maker or liquidity provider (within the meaning of applicable regulations in the UK) in the financial instruments of the issuer. Where the activity of market maker is carried out in accordance with the definition given to it by specific laws and regulations of the US or other jurisdictions, this will be separately disclosed within the specific issuer disclosures.

This document may contain information obtained from third parties, including ratings from credit ratings agencies such as Standard & Poor's. Reproduction and distribution of third party content in any form is prohibited except with the prior written permission of the related third party. Third party content providers do not guarantee the accuracy, completeness, timeliness or availability of any information, including ratings, and are not responsible for any errors or omissions (negligent or otherwise), regardless of the cause, or for the results obtained from the use of such content. Third party content providers give no express or implied warranties, including, but not limited to, any warranties of merchantability or fitness for a particular purpose or use. Third party content providers shall not be liable for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including lost income or profits and opportunity costs) in connection with any use of their content, including ratings. Credit ratings are statements of opinions and are not statements of fact or recommendations to purchase hold or sell securities. They do not address the suitability of securities or the suitability of securities for investment purposes, and should not be relied on as investment advice.

Any MSCI sourced information in this document is the exclusive property of MSCI Inc. ('MSCI'). Without prior written permission of MSCI, this information and any other MSCI intellectual property may not be reproduced, re-disseminated or used to create any financial products, including any indices. This information is provided on an "as is" basis. The user assumes the entire risk of any use made of this information. MSCI, its affiliates and any third party involved in, or related to, computing or compiling the information hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability or fitness for a particular purpose with respect to any of this information. Without limiting any of the foregoing, in no event shall MSCI, any of its affiliates or any third party involved in, or related to, computing or compiling the information have any liability for any damages of any kind. MSCI and the MSCI indexes are services marks of MSCI and its affiliates. Investors should consider this document as only a single factor in making their investment decision and, as such, the report should not be viewed as identifying or suggesting all risks, direct or indirect, that may be associated with any investment decision. Nomura Group produces a number of different types of research product including, among others, fundamental analysis, quantitative analysis and short term trading ideas; recommendations contained in one type of research product may differ from recommendations contained in other types of research product, whether as a result of differing time horizons, methodologies or otherwise. Nomura Group publishes research product in a number of different ways including the posting of product on Nomura Group portals and/or distribution directly to clients. Different groups of clients may receive different products and services from the research depending on their individual requirements. Clients outside of the US may access the Nomura Research Trading Ideas platform (Retina) at <a href="https://go

Figures presented herein may refer to past performance or simulations based on past performance which are not reliable indicators of future performance. Where the information contains an indication of future performance, such forecasts may not be a reliable indicator of future performance. Moreover, simulations are based on models and simplifying assumptions which may oversimplify and not reflect the future distribution of returns.

Certain securities are subject to fluctuations in exchange rates that could have an adverse effect on the value or price of, or income derived from, the investment.

Certain securities are subject to fluctuations in exchange rates that could have an adverse effect on the value or price of, or income derived from, the investment. The securities described herein may not have been registered under the US Securities Act of 1933 (the '1933 Act'), and, in such case, may not be offered or sold in the US or to US persons unless they have been registered under the 1933 Act, or except in compliance with an exemption from the registration requirements of the 1933 Act. Unless governing law permits otherwise, any transaction should be executed via a Nomura entity in your home jurisdiction.

This document has been approved for distribution in the UK and European Economic Area as investment research by NIplc. NIplc is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority. NIplc is a member of the London Stock Exchange. This document does not constitute a personal recommendation within the meaning of applicable regulations in the UK, or take into account the particular investment objectives, financial situations, or needs of individual investors. This document is intended only for investors who are 'eligible counterparties' or 'professional clients' for the purposes of applicable regulations in the UK, and may not, therefore, be redistributed to persons who are 'retail clients' for such purposes. This document has been approved by NIHK, which is regulated by the Hong Kong Securities and Futures Commission, for distribution in Hong Kong by NIHK. This document has been approved for distribution in Australia by NAL, which is authorized and regulated in Australia by the ASIC. This document has also been approved for distribution in Malaysia by NSM. In Singapore, this document has been distributed by NSL. NSL accepts legal responsibility for the content of this document, where it concerns securities, futures and foreign exchange, issued by their foreign affiliates in respect of recipients who are not accredited, expert or institutional investors as defined by the Securities and Futures Act (Chapter 289). Recipients of this document in Singapore should contact NSL in respect of matters arising from, or in connection with, this document. Unless prohibited by the provisions of Regulation S of the 1933 Act, this material is distributed in the US, by NSI, a US-registered broker-dealer, which accepts responsibility for its contents in accordance with the provisions of Rule 15a-6, under the US Securities Exchange Act of 1934.

This document has not been approved for distribution to persons other than 'Authorised Persons', 'Exemp

Inis document has not been approved for distribution to persons other than 'Authorised Persons', 'Exempt Persons' or 'Institutions' (as defined by the Capital Markets Authority) in the Kingdom of Saudi Arabia ('Saudi Arabia') or to clients other than 'professional clients' (as defined by the Dubai Financial Services Authority) in the United Arab Emirates ('UAE') by Nomura Saudi Arabia, Niplc or any other member of Nomura Group, as the case may be. Neither this document nor any copy thereof may be taken or transmitted or distributed, directly or indirectly, by any person other than those authorised to do so into Saudi Arabia or in the UAE or to any person other than 'Authorised Persons', 'Exempt Persons' or 'Institutions' located in Saudi Arabia or to clients other than 'professional clients' in the UAE. By accepting to receive this document, you represent that you are not located in Saudi Arabia or that you are a 'professional client' in the UAE and agree to comply with these restrictions. Any failure to comply with these restrictions may constitute a violation of the laws of the UAE or Saudi Arabia.

NO PART OF THIS MATERIAL MAY BE (I) COPIED, PHOTOCOPIED, OR DUPLICATED IN ANY FORM, BY ANY MEANS; OR (II) REDISTRIBUTED WITHOUT THE PRIOR WRITTEN CONSENT OF A MEMBER OF NOMURA GROUP. If this document has been distributed by electronic transmission, such as e-mail, then such transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this document, which may arise as a result of electronic transmission. If verification is required, please request a hard-copy version.

Nomura Group manages conflicts with respect to the production of research through its compliance policies and procedures (including, but not limited to, Conflicts of Interest, Chinese Wall and Confidentiality policies) as well as through the maintenance of Chinese walls and employee training.

Additional information is available upon request and disclosure information is available at the Nomura Disclosure web page: http://go.nomuranow.com/research/globalresearchportal/pages/disclosures/disclosures.aspx Copyright © 2013 Nomura International (Hong Kong) Ltd. All rights reserved.